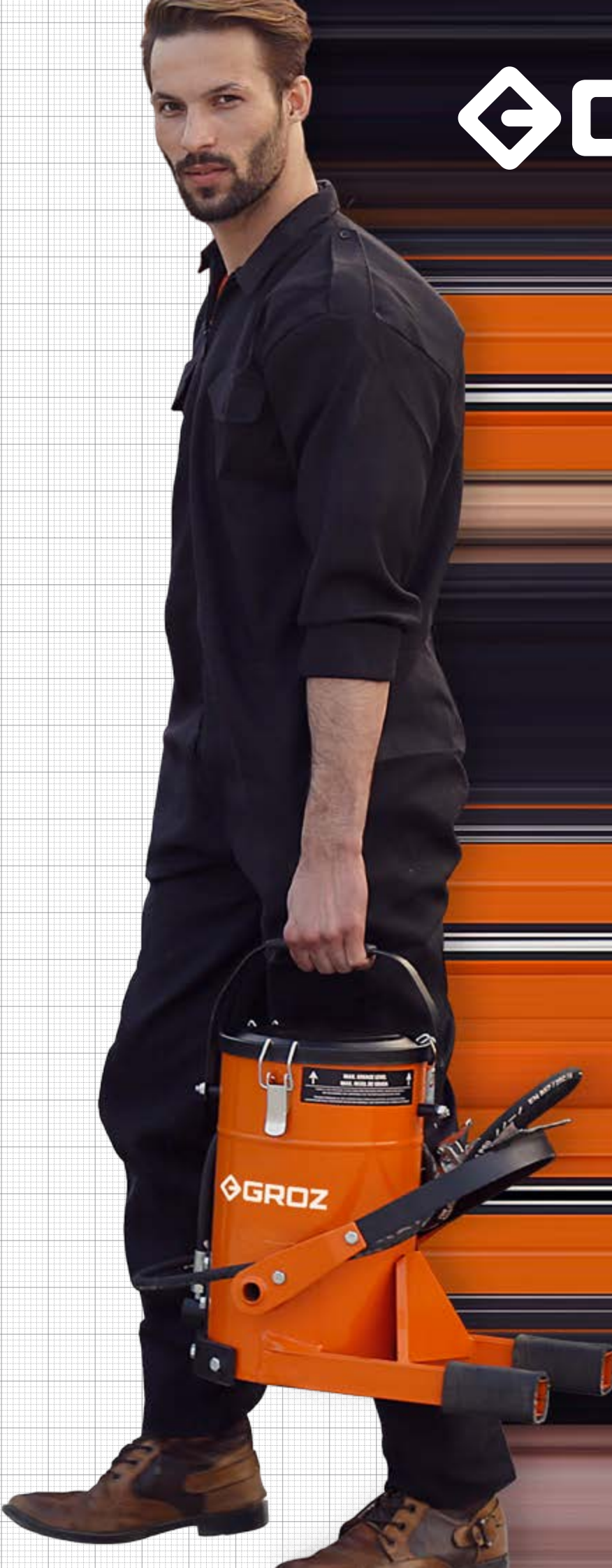


# GROZ



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GROZ

33



Groz has always exceeded the expectations of tool manufacturers and users the world over. Groz carefully makes each tool under stringent quality control processes that are achieved in a hi-tech environment spread over 500,000 square feet



Total quality & control via advanced horizontal & vertical machining centres



Robotically armed & conveyORIZED double booth powder coating plant with a capacity of 15 million sq inches / month



Pressure die casting - PLC controlled semi automatic equipment



Multi-station Cold Forging Shop with equipment from NEDSCHROEF, Belgium, for manufacture of high volume automotive parts, sockets etc.

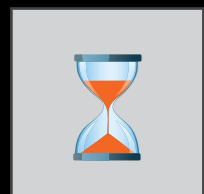


Multi-Spindle Turning Machines - Davenport's for high volume production & concentricity



Design Center, with high end software & equipment to develop custom solutions

## QUICK FACTS



YRS IN BUSINESS  
**45+**



GLOBAL REACH  
**82** COUNTRIES



SELLING POINTS  
**750**



SKU'S  
**12,000**



EMPLOYEES  
**2,592**



ENGINEERS  
**125**



## Quality Assurance Statement

The satisfaction of all customers is the fundamental principle of the GROZ corporate philosophy.

GROZ stands committed to the quality of its products and service with the assurance of complete back-up support.

With a wide range of products, prompt service and vast experience, GROZ remains dedicated to the customer.



ISO 9001 : 2015  
ISO 14001 : 2015  
ISO 45001 : 2018



SA 8000 : 2014

# INSIDE

I

## GREASING EQUIPMENT & ACCESSORIES



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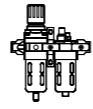
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# NEW ADDITIONS

LOOK OUT FOR  
**NEW!**  
THROUGHOUT  
THE CATALOGUE

Lever Grease Gun  
High Pressure/  
High Volume

10



Lever Grease Gun  
Dual Piston

12



Dual Grease Gun  
Pistol/Lever Handle

24



Cartridge Adaptor  
Threaded

27



Pistol Grease Gun  
High Pressure /  
High Volume

30



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43



Quick Grease  
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Air Operated  
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Packer

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Accessory Kit  
Premium

94



**Greasing  
Accessory Kit  
Standard**



**95**

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**188**

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**230**

**Plastic Lever  
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Heavy Duty**



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**284**

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**319**

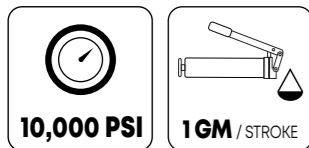
**Air Couplers &  
Plugs**



**324**



**I** **GREASING EQUIPMENT  
& ACCESSORIES**



Top of the line grease gun for heavy industrial applications

- Built Tough**
- Barrel with 0.049" (1.2 mm) wall thickness
  - Heavy duty follower spring
  - High tolerance CNC machined, aluminium die cast head
  - Rolled threads for quick & easy re-loading

**Variable Stroke**  
Convenient greasing even in tight spaces with limited movement of handle

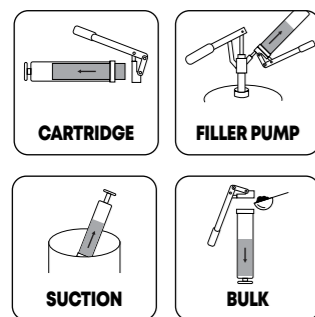
- Available in 2 choices**
- 6" (150 mm) steel extension & coupler
  - 12" (300 mm) x 0.33" (8.5 mm) flexible hose & coupler

**SPECIFICATIONS**

DEVELOPS	UPTO 10,000 PSI	UPTO 690 BAR
DELIVERS	UPTO 1 OZ. / 28 STROKES	UPTO 1 GM / STROKE



**FILLING OPTIONS**



Aluminium die cast head with bulk loader and air bleeder valve

**VARIANTS**

G1-HD		2-1/4" (57.15 mm)	Use with 14 oz. (400 gms) grease cartridge/500cc bulk grease
G4-HD		63.5 mm	Use with 450gms grease cartridge popular in Australia & New Zealand
G10-HD		2-1/4" (57.15 mm)	High capacity gun Use with 14 oz. (400 gm) grease cartridge/ 24 oz. (750cc) bulk grease
G18-HD		2-11/32" (59.7 MM)	Extra large grease gun Use with 600 gms grease cartridge popular in Italy

**NEW!**

**ORDERING INFORMATION**

CAT NR.	ORD NR.	CAT NR.	ORD NR.	CARTRIDGE CAPACITY		BULK CAPACITY (CM <sup>3</sup> )	THREADS	BOX QTY.
				(OZ.)	(GMS)			
<b>6" (150 MM) STEEL EXTENSION &amp; COUPLER</b>				<b>12" (300 MM) FLEXIBLE HOSE &amp; COUPLER</b>				
* G1R/HD/B	42700	G1F/HD/B	42720	14	400	500	1/8" BSPT	16
* G1R/HD/M	42701	G1F/HD/M	42721	14	400	500	M10 x 1	16
* G1R/HD/N	42702	G1F/HD/N	42722	14	400	500	1/8" NPT	16
* G4R/HD/B	42780	G4F/HD/B	42785	-	450	650	1/8" BSPT	16
G10R/HD/B	42750	G10F/HD/B	42760	14	400	750	1/8" BSPT	10
G10R/HD/M	42751	G10F/HD/M	42761	14	400	750	M10 x 1	10
G10R/HD/N	42752	G10F/HD/N	42762	14	400	750	1/8" NPT	10
◆ G18R/HD/M	42753	◆ G18F/HD/M	42763	-	600	700	M10 x 1	10

\* Best Seller ◆ New

Patented design: Switch over from High Pressure to High Volume by the slide of a button

#### Built Tough

- Barrel with 0.049" (1.2mm) wall thickness
- Heavy duty follower spring
- High tolerance CNC machined aluminium die cast head fitted with bulk loader that doubles as an air bleeder
- Non-slip textured powder coated finish for extended working life

#### Dual Operating Modes

Choose between High Pressure and High Volume setting by the slide of a button

#### Dual Discharge Ports

Front and top port for convenient greasing on inaccessible fittings

#### Available in 2 choices

- 6" (150mm) steel extension & coupler
- 12" (300mm) x 0.43" (11 mm) high pressure hose and coupler



Patented  
Dual Piston  
Mechanism

#### HIGH PRESSURE MODE



Gun achieves max. working pressure in a few strokes making it useful to open jammed/ clogged fittings in cold weather conditions

**12,000 PSI**

**0.6 GM / STROKE**

#### HIGH VOLUME MODE



With an **output upto 3X** of a regular Grease Gun, this gun reduces greasing time saving time and cost.

**2,000 PSI**

**3.2 GM / STROKE**

**NEW!**

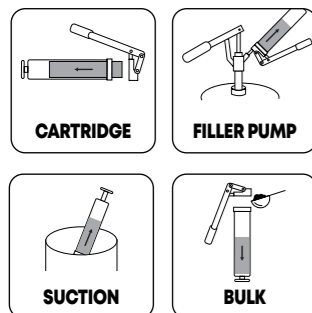
#### SPECIFICATIONS

HIGH PRESSURE MODE		
DEVELOPS	UPTO 12,000 PSI	UPTO 830 BAR
DELIVERS	UPTO 1 OZ. / 47 STROKES	UPTO 0.6 GM / STROKE

#### SPECIFICATIONS

HIGH VOLUME MODE		
DELIVERS	UPTO 1 OZ. / 10 STROKES	UPTO 3.2 GM / STROKE
DEVELOPS	UPTO 2,000 PSI	UPTO 130 BAR

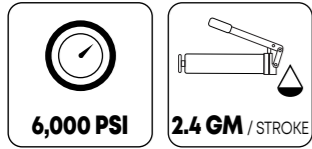
#### FILLING OPTIONS



#### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	THREADS
STEEL EXTENSION & COUPLER		FLEXIBLE HOSE & COUPLER		
G200R/B	42340	G200F-HP/B	42350	1/8" BSPT
G200R/M	42341	G200F-HP/M	42351	M10 x 1
G200R/N	42342	G200F-HP/N	42352	1/8" NPT

**NEW!**



The high output greasing solution for applications requiring voluminous and frequent greasing

**Built Tough**

- Dual piston design 3X output of grease per stroke
- Barrel with 0.049" (1.2 mm) wall thickness
- Heavy duty follower spring
- High tolerance CNC machined Aluminium die-cast head with air release valve
- Rolled threads for quick and easy reloading

**Reduce Greasing Time To One-Third**

Dual piston mechanism results in triple output per stroke reducing greasing time to one-third

**No Loss of Prime**

Dual inlet of grease ensures that gun does not lose prime

**Convenience of Use**

Even in extreme cold weather conditions

**Available in 2 choices**

- 6" (150 mm) bent steel extension and coupler
- 12" (300 mm) x 0.33" (8.5 mm) flexible hose & coupler

**SPECIFICATIONS**

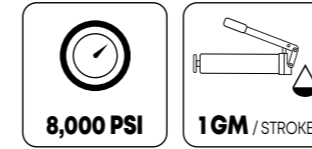
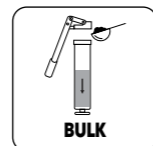
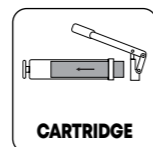
DEVELOPS	UPTO 6,000 PSI	UPTO 413 BAR
DELIVERS	UPTO 1 OZ. / 12 STROKES	UPTO 2.4 GM / STROKE

**ORDERING INFORMATION**

CAT NR.	ORD NR.	CAT NR.	ORD NR.	CARTRIDGE CAPACITY		BULK CAPACITY	THREADS
				(OZ)	(GMS)		
STEEL EXTENSION & COUPLER		FLEXIBLE HOSE & COUPLER					
G2R/B	42630	G2F/B	42640	14	400	500	1/8" BSPT
G2R/M	42631	G2F/M	42641	14	400	500	M10 x 1
G2R/N	42632	G2F/N	42642	14	400	500	1/8" NPT



**FILLING OPTIONS**



Professional model - ideal for automotive applications

**Built Tough**

- Barrel with 0.049" (1.2 mm) wall thickness
- Heavy duty follower spring
- CNC machined aluminium die cast head
- Rolled threads for quick & easy reloading

**Variable Stroke**

Convenient greasing even in tight spaces with limited movement of handle

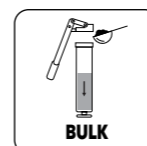
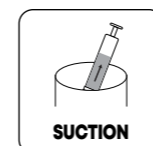
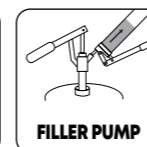
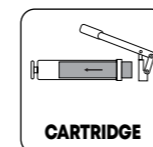
**Available in 2 choices**

- 6" (150 mm) steel extension & coupler
- 12" (300 mm) x 0.33" (8.5 mm) flexible hose & coupler

**SPECIFICATIONS**

DEVELOPS	UPTO 8,000 PSI	UPTO 550 BAR
DELIVERS	UPTO 1 OZ. / 28 STROKES	UPTO 1GM / STROKE

**FILLING OPTIONS**



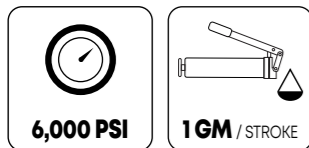
**ORDERING INFORMATION**

CAT NR.	ORD NR.	CAT NR.	ORD NR.	CARTRIDGE CAPACITY		BULK CAPACITY	THREADS	BOX QTY.
				(OZ.)	(GMS)			
6" (150 MM) STEEL EXTENSION & COUPLER		12" (300 MM) FLEXIBLE HOSE & COUPLER						
G8R/BL/B	42607	G8F/BL/B	42623	14	400	500	1/8" BSPT	16
G8R/BL/M	42608	*G8F/BL/M	42624	14	400	500	M10 x 1	16
G8R/BL/N	42609	G8F/BL/N	42625	14	400	500	1/8" NPT	16

\* Best Seller







Hard working entry level grease gun, designed for general lubrication & daily maintenance jobs

Head with single vent hole fitted with a block nut

Air release achieved through half turn of head assembly

#### Available in 2 choices

- a. 6" (150 mm) steel extension & coupler
- b. 12" (300 mm) x 0.33" (8.5 mm) flexible hose & coupler

#### SPECIFICATIONS

DEVELOPS	UPTO 6,000 PSI	UPTO 413 BAR
DELIVERS	UPTO 1 OZ. / 28 STROKES	UPTO 1 GM / STROKE



#### FILLING OPTIONS



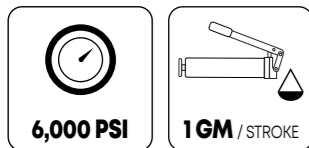
#### VARIANTS

G1-STD		2-1/4" (57.15 mm)	Powder coated steel head Use with 14oz. (400 gm) grease cartridge or 500cc bulk grease
G1-DC		2-1/4" (57.15 mm)	Aluminium die cast head Use with 14 oz. (400 gm) grease cartridge or 500cc bulk grease
G23		2-1/4" (57.15 mm)	Powder coated Aluminium die cast head & heavy duty lever handle Use with 14 oz. (400 gms) grease cartridge or 500 cc bulk grease

#### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	CARTRIDGE CAPACITY		BULK CAPACITY (CM <sup>3</sup> )	THREADS	BOX QTY.
				(OZ.)	(GMS)			
6" (150 MM) STEEL EXTENSION & COUPLER		12" (300 MM) FLEXIBLE HOSE & COUPLER						
<b>STEEL HEAD</b>								
G1R/STD/B	42400	G1F/STD/B	42420	14	400	500	1/8" BSPT	16
G1R/STD/M	42401	G1F/STD/M	42421	14	400	500	M10 x 1	16
*G1R/STD/N	42402	G1F/STD/N	42422	14	400	500	1/8" NPT	16
<b>ALUMINUM DIE CAST HEAD</b>								
G1R/STD/DC/B	42450	G1F/STD/DC/B	42470	14	400	500	1/8" BSPT	16
*G1R/STD/DC/M	42451	*G1F/STD/DC/M	42471	14	400	500	M10 x 1	16
*G1R/STD/DC/N	42452	G1F/STD/DC/N	42472	14	400	500	1/8" NPT	16
<b>POWDER COATED ALUMINUM DIE CAST HEAD</b>								
G23R/B	42430	G23F/B	42440	14	400	500	1/8" BSPT	10
G23R/M	42431	G23F/M	42441	14	400	500	M10 x 1	10
*G23R/N	42432	G23F/N	42442	14	400	500	1/8" NPT	10

\* Best Seller



Most popular grease gun for general purpose lubrication in automotive, agricultural & industrial applications

Drop-resistant steel head fitted with bulk loader valve

Air release either through the bulk loader or half turn of head assembly

#### Available in 2 choices

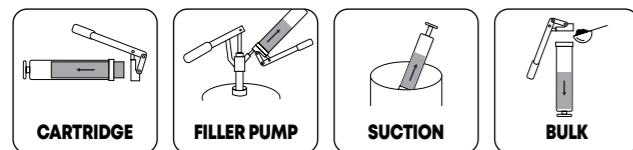
- a. 6" (150 mm) steel extension & coupler
- b. 12" (300 mm) x 0.33" (8.5 mm) flexible hose & coupler

#### SPECIFICATIONS

DEVELOPS	UPTO 6,000 PSI	UPTO 413 BAR
DELIVERS	UPTO 1 OZ. / 28 STROKES	UPTO 1 GM / STROKE



#### FILLING OPTIONS



#### VARIANTS

G1		2-1/4" (57.15 mm)	Use with 14 oz. (400 gms) grease cartridge/500cc bulk grease
G4		63.5 mm	Use with 450 gms grease cartridge <b>popular in Australia &amp; New Zealand</b>
G10		2-1/4" (57.15 mm)	<b>High capacity gun</b> Use with 14 oz. (400 gm) grease cartridge / 24 oz. (750cc) bulk grease
G11		2-1/4" (57.15 mm)	<b>Extra long &amp; high capacity grease gun</b> Use with 14 oz. (400 gms) grease cartridge / 35 oz. (1000 cc bulk grease)

#### ORDERING INFORMATION

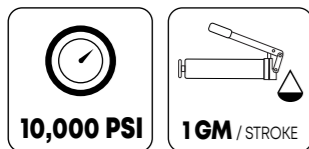
CAT NR.	ORD NR.	CAT NR.	ORD NR.	CARTRIDGE CAPACITY		BULK CAPACITY (CM <sup>3</sup> )	THREADS	BOX QTY.
				(OZ.)	(GMS)			
6" (150 MM) STEEL EXTENSION & COUPLER		12" (300 MM) FLEXIBLE HOSE & COUPLER						
* G1R/SLV/ B	42500	G1F/SLV/B	42520	14	400	500	1/8" BSPT	16
* G1R/SLV/M	42501	G1F/SLV/M	42521	14	400	500	M10 x 1	16
G1R/SLV/N	42502	G1F/SLV/N	42522	14	400	500	1/8" NPT	16
* G4R/B	42580	G4F/B	42585	-	450	650	1/8" BSPT	16
G10R/B	42590	G10F/B	42595	14	400	750	1/8" BSPT	10
* G10R/M	42591	G10F/M	42596	14	400	750	M10 x 1	10
G11R/B	42560	G11F/B	42565	14	400	1000	1/8" BSPT	10
G11R/M	42561	G11F/M	42566	14	400	1000	M10 x 1	10

\* Best Seller

## 07

### Lever Grease Gun Supa-Lite

GIHD-AL



"SUPA-LITE" lightweight aluminium grease gun designed for fatigue free & comfortable everyday greasing in automotive, fleet, industrial, farm & construction applications

Barrel made from lightweight yet strong aircraft grade 0.063" (1.6 mm) thick aluminium

Aluminium die cast head with bulk loader & air bleeder valve

#### Variable Stroke

Convenient greasing even in tight spaces with limited movement of handle

#### Available in 2 choices

- a. 6" (150 mm) steel extension & coupler
- b. 12" (300 mm) x 0.33" (8.5 mm) flexible hose & coupler

#### SPECIFICATIONS

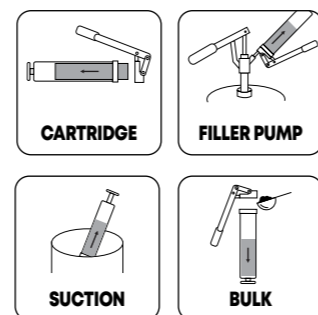
DEVELOPS	UPTO 10,000 PSI	UPTO 690 BAR
DELIVERS	UPTO 1 OZ. / 28 STROKES	UPTO 1 GM / STROKE



#### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	CARTRIDGE CAPACITY		BULK CAPACITY	THREADS	BOX QTY.
				(OZ.)	(GMS)			
6" (150 MM) STEEL EXTENSION & COUPLER		12" (300 MM) FLEXIBLE HOSE & COUPLER						
GI R/HD/AL/BL/B	42723	GI F/HD/AL/BL/B	42726	14	400	500	1/8" BSPT	16
GI R/HD/AL/BL/M	42724	GI F/HD/AL/BL/M	42727	14	400	500	M10 x 1	16
GI R/HD/AL/BL/N	42725	GI F/HD/AL/BL/N	42728	14	400	500	1/8" NPT	16

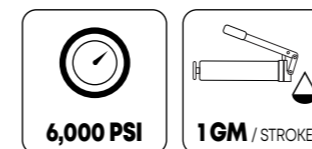
#### FILLING OPTIONS



## 08

### Lever Grease Gun 'V' Series

V1



Ideal combination of superior quality and value price

Aluminium die cast head fitted with automatic air bleeder valve

Black powder coated finish

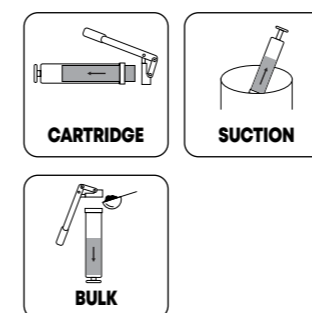
#### Available in 2 choices

- a. 6" (150 mm) steel extension & coupler
- b. 12" (300 mm) x 0.33" (8.5 mm) flexible hose & coupler

#### SPECIFICATIONS

DEVELOPS	UPTO 6,000 PSI	UPTO 413 BAR
DELIVERS	UPTO 1 OZ. / 28 STROKES	UPTO 1 GM / STROKE

#### FILLING OPTIONS

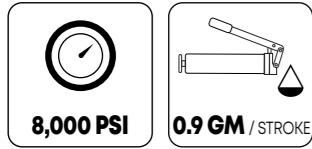


#### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	CARTRIDGE CAPACITY		BULK CAPACITY	THREADS	BOX QTY.
				(OZ.)	(GMS)			
6" (150 MM) STEEL EXTENSION & COUPLER		12" (300 MM) FLEXIBLE HOSE & COUPLER						
* V1R/BL/B	42912	V1F/BL/B	42926	14	400	500	1/8" BSPT	16
* V1R/BL/M	42913	V1F/BL/M	42927	14	400	500	M10 x 1	16
V1R/BL/N	42914	V1F/BL/N	42928	14	400	500	1/8" NPT	16

\* Best Seller





Professional Lever Gun for use in construction, agricultural and industrial applications

#### Built Tough

- Barrel with 0.049" (1.2 mm) wall thickness
- High tolerance CNC machined head with threaded port for use with JIABARA style grease cartridges popular in Japan
- Heavy duty follower spring
- Chain style follower handle
- Large rolled threads for fast & easy reloading

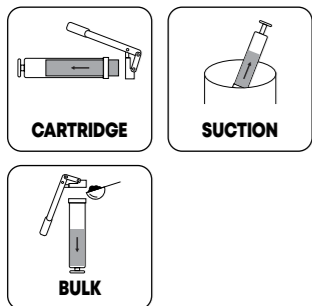
#### Complete with

6" (150 mm) steel extension & coupler

#### SPECIFICATIONS

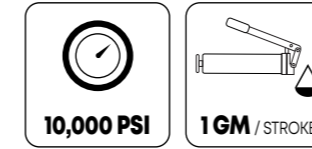
DEVELOPS	UPTO 8,000 PSI	UPTO 550 BAR
DELIVERS	UPTO 0.9 GM / STROKE	

#### FILLING OPTIONS



#### ORDERING INFORMATION

CAT NR.	ORD NR.	CARTRIDGE CAPACITY		BULK CAPACITY (CM <sup>3</sup> )	THREADS	BOX QTY.
		(OZ.)	(GMS)			
G81R/B	42790	14	400	600	1/8" BSPT	10



Heavy duty Oil Gun

Handles flow-able greases and light oils without any leakage and mess. Also useful for pumping glue in water proofing and other construction applications

#### Built Tough

- High tolerance aluminium die cast head
- High quality CDW barrel, machined seam for leak proof performance
- Follower designed to work both with oils and grease

#### Variable Stroke

For convenient usage even in tight spaces with limited movement of handle

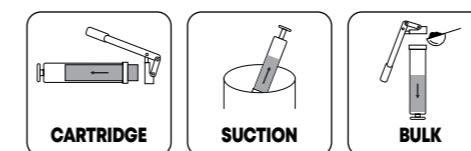
#### Available in 2 choices

- 6" (150 mm) steel extension & coupler
- 12" (300 mm) x 0.33" (8.5 mm) flexible hose & coupler

#### SPECIFICATIONS

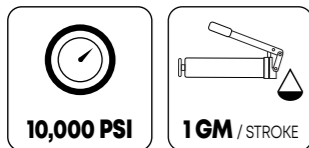
DEVELOPS	UPTO 10,000 PSI	UPTO 690 BAR
DELIVERS	UPTO 1 OZ. / 28 STROKES	UPTO 1 GM / STROKE

#### FILLING OPTIONS



#### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	CARTRIDGE CAPACITY		BULK CAPACITY (CM <sup>3</sup> )	THREADS	BOX QTY.
				(OZ.)	(GMS)			
6" (150 MM) STEEL EXTENSION & COUPLER				12" (300 MM) FLEXIBLE HOSE & COUPLER				
G19R/B	42740	G19F/B	42745	14	400	500	1/8" BSPT	12
G19R/M	42741	G19F/M	42746	14	400	500	M10 x 1	12
G19R/N	42742	G19F/N	42747	14	400	500	1/8" NPT	12



Unique concept & design for quick and clear grease identification eliminating the risk of cross contamination or mixing of incompatible greases

Tough, impact and drop resistant polycarbonate tube with aluminium die cast adaptors

High tolerance aluminium die cast head with bulk loader & air bleeder valve

#### Variable Stroke

Convenient greasing even in tight spaces with limited movement of handle

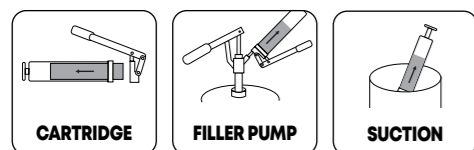
Complete with 6" (150 mm) steel extension & coupler

#### SPECIFICATIONS

DEVELOPS	UPTO 10,000 PSI	UPTO 690 BAR
DELIVERS	UPTO 1 OZ. / 28 STROKES	UPTO 1 GM / STROKE



#### FILLING OPTIONS



#### VARIANTS

G1	G4	BRL/G1-CL	BRL/G4-CL
∅ 2-1/4" (57.15 mm)	∅ 63.5 mm	∅ 2-1/4" (57.15 mm)	∅ 63.5 mm
	Popular in Australia & New Zealand	Replacement clear tube barrel only 14 oz. (400 gms)	Replacement clear tube barrel only 450 gms

#### ORDERING INFORMATION

CAT NR.	ORD NR.	CARTRIDGE CAPACITY		BULK CAPACITY (CM <sup>3</sup> )	THREADS	BOX QTY.
		(OZ.)	(GMS)			
G1R/HD/B-CL	46900	14	400	500	1/8" BSPT	16
G1R/HD/M-CL	46901	14	400	500	M10 x 1	16
G1R/HD/N-CL	46902	14	400	500	1/8" NPT	16
G4R/HD/B-CL	46903	-	450	650	1/8" BSPT	16
<b>BARREL ONLY</b>						
BRL/G1-CL	46990	14 oz. (400 gms) replacement for clear tube barrel only			2.2806" x 16 UNF	20
BRL/G4-CL	46991	450 gms replacement for clear tube barrel only			2.5" x 16 UNF	20

#### WARNING

Designed for use with grease only: Do not use with: ESTER based Greases, Synthetic Greases such as Aeroshell 33 Grease, Aeroshell 7 Grease, Skydrol Products etc. These have an adverse effect on the clear polycarbonate tube & can cause fogging, cracking & fracturing of the tube.

Convenience of a pistol grip  
with power of a lever handle

#### 2 Way Operating Telescopic Handle

Press lever to switch between  
Pistol type: ideal for use in confined  
spaces

Lever type: for high pressure & high  
volume application

#### Dual Discharge Ports

Front and top port for convenient  
greasing on inaccessible fittings

#### Multifunction Grease Gun

Integrated high volume – high pressure  
adjustable mechanism shift between  
high volume & high pressure greasing

1. Lift the button to unlock
2. Slide to change mode
3. Press button to lock back in position

#### Built Tough

- Aluminum die cast head fitted with  
bulk loader & air bleeder valve
- Barrel with 0.049" (1.2 mm) wall  
thickness
- Heavy duty follower spring
- Non-slip comfortable vinyl grip
- Rolled threads for quick & easy re-  
loading

For use with 400 gm (14 oz.) Grease  
cartridge or 500 cc Bulk Fill

Suitable for use with NLGI 1, 2, 3 greases

Comes complete with 3 jaw hydraulic  
coupler - professional, 6" (150mm) bent  
steel extension, 18" (450 mm) x 0.33" (8.5  
mm) flexible hose



Aluminum die cast head  
fitted with bulk loader &  
air bleeder valve



Pull button & slide to  
change mode between  
High Pressure/High Volume

2-1/4"  
(57.15 mm)

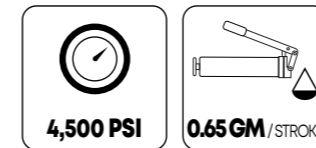
**NEW!**



Press lever &  
pull down to  
convert into  
lever gun

#### PISTOL MODE

HIGH PRESSURE MODE



#### SPECIFICATIONS

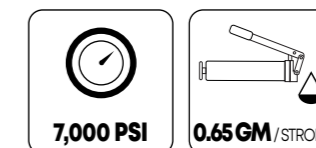
HIGH PRESSURE MODE		
PRESSURE	4,500 PSI	310 BAR
DELIVERS	UPTO 1 OZ. / 44 STROKES	UPTO 0.65 GM / STROKE
HIGH VOLUME MODE		
PRESSURE	-	-
DELIVERS	-	-



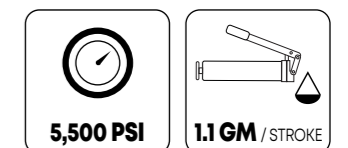
Press lever  
& slide up to  
convert into  
pistol gun

#### LEVER MODE

HIGH PRESSURE MODE



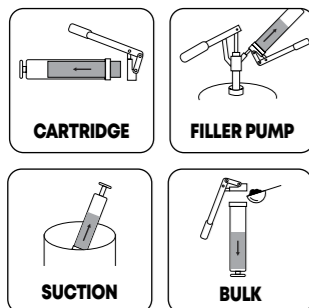
HIGH VOLUME MODE



#### SPECIFICATIONS

HIGH PRESSURE MODE		
PRESSURE	7,000 PSI	483 BAR
DELIVERS	UPTO 1 OZ. / 44 STROKES	UPTO 0.65 GM / STROKE
HIGH VOLUME MODE		
PRESSURE	5,500 PSI	380 BAR
DELIVERS	1 OZ / 26 STROKES	1.1 GM / STROKE

#### FILLING OPTIONS



#### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
G77RF-18/B	42380	1/8" BSPT	10
G77RF-18/M	42381	M10 x 1	10
G77RF-18/N	42382	1/8" NPT	10



SCAN TO  
WATCH

Special spin-on grease gun for quick, effortless high pressure greasing applications

Spin-On cartridge works on special "vacuum technology" that ensures full utilization of grease in the cartridge and eliminates priming issues associated with conventional grease guns

Fast & easy reloading without unscrewing the head

No air pockets, hence no air bleeding required

Robust high tolerance aluminium die cast head

Minimal wearing parts give it a long life

Non slip Textured powder coated finish for extended service life, way more than zinc plated grease guns



Threaded port for screwing cartridge

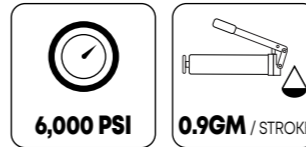


G48

G48P

#### VARIANTS

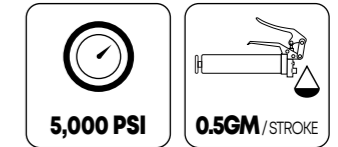
##### LEVER GREASE GUNS - G48



#### SPECIFICATIONS

DEVELOPS	6,000 PSI	413 BAR
DELIVERS	UPTO 0.9 GM / STROKE	

##### PISTOL GREASE GUNS - G48P



#### SPECIFICATIONS

DEVELOPS	5,000 PSI	345 BAR
DELIVERS	UPTO 0.5 GM / STROKE	

#### ORDERING INFORMATION

CAT NR.	ORD NR.	ACCESSORIES	THREADS	BOX QTY.
<b>LEVER GREASE GUNS</b>				
G48R/B	42808	6" (150 mm) steel extension & coupler	1/8" BSPT	20
G48R/M	42809	6" (150 mm) steel extension & coupler	M10x1	20
G48F/B	42797	12" (300 mm) x 0.33" (8.5 mm) flexible hose & coupler	1/8" BSPT	20
G48F/M	42804	12" (300 mm) x 0.33" (8.5 mm) flexible hose & coupler	M10x1	20
<b>PISTOL GREASE GUNS</b>				
G48PR/B	42810	4" (100 mm) steel extension & coupler	1/8" BSPT	20
G48PR/M	42811	4" (100 mm) steel extension & coupler	M10x1	20
G48PF/B	42798	12" (300 mm) x 0.33" (8.5 mm) flexible hose & coupler	1/8" BSPT	20
G48PF/M	42812	12" (300 mm) x 0.33" (8.5 mm) flexible hose & coupler	M10x1	20
G48PF-HP/B	42813	12" (300 mm) x 0.425" (11 mm) heavy duty hose & coupler	1/8" BSPT	20
G48PF-HP/M	42814	12" (300 mm) x 0.425" (11 mm) heavy duty hose & coupler	M10x1	20



SCAN TO WATCH

#### CONVENIENT & TIME SAVING

Remove screw cap & screw-in the cartridge... Spin-on grease gun is ready to use

No priming needed

#### EFFORTLESS

Cartridge loading with one hand leaving the other hand free for other jobs

#### MONEY SAVING

Easy to monitor available grease quantity in the cartridge

Easily refillable cartridge - No need to buy a new cartridge every time

#### NO MESS/ NO WASTAGE

Keeps grease off the users hands & clothes

Complete quantity of grease in cartridge used up

No wasted grease

No cleanliness/ safety hazards

### Cartridge Adaptor Threaded

Polypropylene greasing adaptor for threaded cartridges

Converts any standard grease gun to a SPIN-ON style gun

Fits onto grease gun head making it compatible with LS style threaded grease cartridges



Thread the Adaptor into the head

#### NEW!

Threads onto the grease cartridge (1")



Threads onto the grease gun head (2.2806 x 16 UNS)

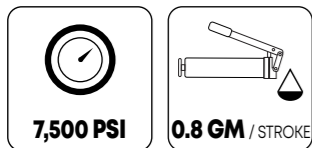
#### ORDERING INFORMATION

CAT NR.	ORD NR.
ADP/CTG/LS	46970

## 15

### Double Lever Grease Gun

G83



Double Lever gun for quick and effortless high pressure greasing applications

Screw-in cartridge works on special 'Vacuum Technology' that ensures:

1. Full utilization of grease in the cartridge
2. Eliminates priming issues usually associated with conventional grease guns

Seal guards at both ends of the cartridge create vacuum that pulls out grease emptying the cartridge completely

Robust high tolerance aluminium die cast head  
Minimal wearing parts give it a long life

No connections hence no potential leaks or contamination issues

**Complete with**  
12" (300 mm) x 0.425" (11 mm) heavy duty hose & coupler

#### SPECIFICATIONS

DEVELOPS	UPTO 7,500 PSI	UPTO 517 BAR
DELIVERS	UPTO 1 OZ. / 35 STROKES	UPTO 0.8 GM / STROKE

#### VARIANTS



G83F-HP  
For use with F type threaded grease cartridges



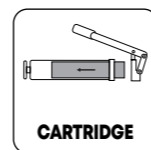
G83F-HP/MTO  
For use with both F type and LS type threaded grease cartridges

#### ORDERING INFORMATION

CAT NR.	ORD NR.	CARTRIDGE CAPACITY	THREADS	BOX QTY.
		(GMS)		
G83F-HP/B	42795	500	1/8" BSPT	10
G83F-HP/M	42796	500	M10 x 1	10
◆ G83F-HP/MTO/B	42799	400 & 500	1/8" BSPT	10

◆ New

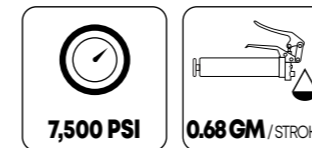
#### FILLING OPTIONS



## 16

### Pistol Grip Grease Gun Professional

G32



Lifetime product with patented feather touch design - maximum output with minimal effort

#### Variable Stroke

Unique variable stroke feature allows gun to reach increased pressure from short strokes and high greasing volumes from full strokes

#### Built Tough

- Barrel with 0.049" (1.2 mm) wall thickness
- Heavy duty follower spring
- High tolerance CNC machined, aluminium die cast head
- Rolled threads for quick & easy re-loading

#### High Output

Upto 1-1/2 times more grease stroke than other pistol grip guns

#### High Pressure

Develops upto 7500 PSI (517 BAR), not found in commonly sold pistol grip grease guns

#### Complete with

9" (255 mm) x 0.425" (11 mm) high pressure flexible hose & coupler

#### SPECIFICATIONS

DEVELOPS	UPTO 7,500 PSI	UPTO 517 BAR
DELIVERS	UPTO 1 OZ. / 40 STROKES	UPTO 0.68 GM / STROKE

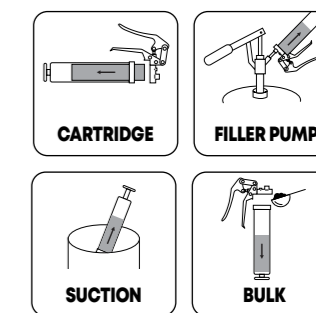
#### ORDERING INFORMATION

CAT NR.	ORD NR.	CARTRIDGE CAPACITY		BULK CAPACITY (CM <sup>3</sup> )	THREADS	BOX QTY.
		(OZ.)	(GMS)			
G32F-HP9/B	43061	14	400	500	1/8" BSPT	16
G32F-HP9/M	43062	14	400	500	M10 x 1	16
★ G32F-HP9/N	43063	14	400	500	1/8" NPT	16

★ Best Seller



#### FILLING OPTIONS





Patented design: Switch over from High Pressure to High Grease Volume with the simple slide of a button

#### Built Tough

Barrel with 0.049"(1.2mm) wall thickness  
Heavy duty follower spring  
High tolerance CNC machined Aluminium die cast head fitted with bulk loader that doubles as an air bleeder  
Non-slip textured powder coated finish for extended working life

#### Dual Operating Modes

Choose between High Pressure and High Volume setting by simple slide of a button

- a. High Pressure Setting
- b. High Volume Setting

#### Dual Discharge Ports

Front and top port for convenient greasing on inaccessible fittings

#### Choice of

4" (100mm) steel extension & coupler  
18"(450mm) x 0.43" (11 mm) high pressure hose and coupler

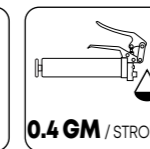


2-1/4"  
(57.15 mm)

#### HIGH PRESSURE MODE



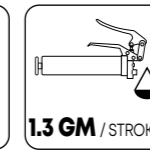
Gun achieves max. working pressure in a few strokes making it useful to open jammed/ clogged fittings conveniently even in very cold weather conditions



#### HIGH VOLUME MODE



With an output upto 3X of a regular Grease Gun, this gun reduces greasing time saving time and cost.



**NEW!**

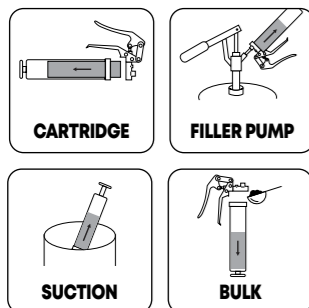
#### SPECIFICATIONS

HIGH PRESSURE MODE		
DEVELOPS	UPTO 10,000 PSI	UPTO 690 BAR
DELIVERS	UPTO 1 OZ. / 70 STROKES	UPTO 0.4 GM / STROKE

#### SPECIFICATIONS

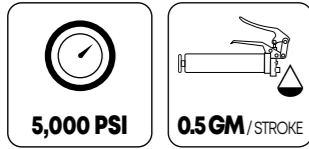
HIGH VOLUME MODE		
DELIVERS	UPTO 1 OZ. / 22 STROKES	UPTO 1.3 GM / STROKE
DEVELOPS	UPTO 2,000 PSI	UPTO 130 BAR

#### FILLING OPTIONS



#### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	THREADS	BOX QTY.
STEEL EXTENSION & COUPLER		FLEXIBLE HOSE & COUPLER			
G500R/B	42360	G500F-HP18/B	42370	1/8" BSPT	10
G500R/M	42361	G500F-HP18/M	42371	M10 x 1	10
G500R/N	42362	G500F-HP18/N	42372	1/8" NPT	10



Most popular One Hand Operated Grease Gun

Designed for use in confined spaces where access to grease nipple is restricted

#### Built Tough

- Barrel with 0.049" (1.2 mm) wall thickness
- Heavy duty follower spring
- High tolerance CNC machined head
- Rolled threads for quick & easy re-loading

Super strong pistol grip handle designed to prevent 'pinching'

#### Available in 2 choices

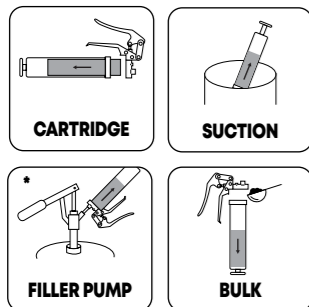
- 4" (100 mm) steel extension & coupler
- 12" (300 mm) x 0.33" (8.5 mm) flexible hose & coupler



#### SPECIFICATIONS

DEVELOPS	UPTO 5,000 PSI	UPTO 345 BAR
DELIVERS	UPTO 0.70 OZ. / 40 STROKES	UPTO 0.50 GM / STROKE

#### FILLING OPTIONS



\*Only G5-PRO

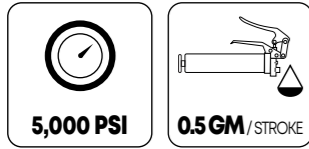
#### VARIANTS

G5		∅ 2-1/4" (57.15 mm)	Use with 14 oz. (400 gms) grease cartridge/500cc bulk fill
G4-PST		∅ 63.5 mm	Use with 450 gms grease cartridge <b>popular in Australia &amp; New Zealand</b>
G5-PRO		∅ 2-1/4" (57.15 mm)	<b>Professional Model:</b> Head fitted with bulk loader & air bleeder valve. Vinyl grip on movable handle  Use with 14 oz. (400 gms) grease cartridge/500cc bulk fill

#### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	CARTRIDGE CAPACITY		BULK CAPACITY (CM <sup>3</sup> )	THREADS	BOX QTY.
				(OZ.)	(GMS)			
4" (100 MM) STEEL EXTENSION & COUPLER		12" (300 MM) FLEXIBLE HOSE & COUPLER						
G5R/B	43000	G5F/B	43020	14	400	500	1/8" BSPT	16
G5R/M	43001	G5F/M	43021	14	400	500	M10 x 1	16
*G5R/N	43002	*G5F/N	43022	14	400	500	1/8" NPT	16
*G4R/PST/B	43080	*G4F/PST/B	43085	-	450	650	1/8" BSPT	16
G5R/PRO/B	43050	G5F/PRO/B	43070	14	400	500	1/8" BSPT	16
G5R/PRO/M	43051	G5F/PRO/M	43071	14	400	500	M10 x 1	16
G5R/PRO/N	43052	*G5F/PRO/N	43072	14	400	500	1/8" NPT	16

\* Best Seller



Unique concept & design for quick and clear grease identification eliminating the risk of cross contamination or mixing of incompatible greases

Tough, impact and drop resistant polycarbonate tube with aluminium die cast adaptors

High tolerance aluminium die cast head with steel block nut

Super strong pistol grip handle designed to prevent pinching of fingers

**Complete with**  
4" (100 mm) steel extension & coupler,  
12" (300 mm) x 0.33" (8.5 mm) flexible hose & coupler

Barrel available as spare also

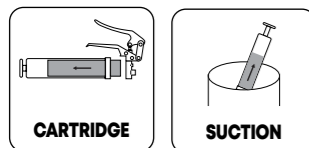
#### SPECIFICATIONS

DEVELOPS	UPTO 5,000 PSI	UPTO 345 BAR
DELIVERS	UPTO 0.70 OZ. / 40 STROKES	UPTO 0.50 GM / STROKE



Quick identification eliminating the risk of mixing incompatible or unspecified greases

#### FILLING OPTIONS



#### VARIANTS

G5	G4PST-CL	BRL/G1-CL	BRL/G4-CL
∅ 2-1/4" (57.15 mm)	∅ 63.5 mm	∅ 2-1/4" (57.15 mm)	∅ 63.5 mm
Use with 14 oz. (400 gms) grease cartridge/500cc bulk fill	Popular in Australia & New Zealand	Replacement clear tube barrel only 14 oz. (400 gms)	Replacement clear tube barrel only 450 gms

#### ORDERING INFORMATION

CAT NR.	ORD NR.	CARTRIDGE CAPACITY		BULK CAPACITY (CM <sup>3</sup> )	THREADS	BOX QTY.
		(OZ.)	(GMS)			
<b>GREASE GUN</b>						
GSRF/B-CL	46920	14	400	500	1/8" BSPT	16
GSRF/M-CL	46921	14	400	500	M10 x 1	16
GSRF/N-CL	46922	14	400	500	1/8" NPT	16
G4RF/PST/B-CL	46923	-	450	650	1/8" BSPT	16
<b>BARREL ONLY</b>						
BRL/G1-CL	46990	Replacement clear tube barrel only 14 oz. (400 gms)			2.2806" x 16 UNF	20
BRL/G4-CL	46991	Replacement clear tube barrel only 450 gms			2.5" x 16 UNF	20

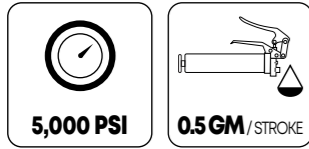
#### WARNING

Designed for use with grease only: Do not use with: ESTER based Greases, Synthetic Greases such as Aeroshell 33 Grease, Aeroshell 7 Grease, Skydrol Products etc. These have an adverse effect on the clear polycarbonate tube & can cause fogging, cracking & fracturing of the tube.

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## Pistol Grip Grease Gun Dual Discharge

G31



One hand operated Grease Gun with dual discharge ports - front and top

Heavy duty aluminium die cast head with one hand operated pistol handle

### Dual discharge ports

- **Top Port:** Used mainly with flexible hoses for greasing inaccessible fillings
- **Front Port:** Used mainly with rigid steel extension

Handle designed to prevent fingers from "pinching"

High visibility plated finish

### Complete with

4" (100 mm) steel extension and 12" (300 mm x 0.33" (8.5 mm)) flexible hose & coupler

### SPECIFICATIONS

DEVELOPS	UPTO 5,000 PSI	UPTO 345 BAR
DELIVERS	UPTO 0.70 OZ. / 40 STROKES	UPTO 0.50 GM / STROKE

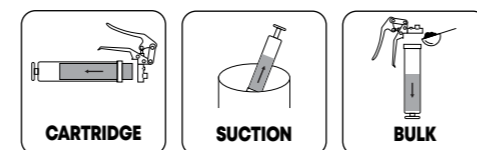


### ORDERING INFORMATION

CAT NR.	ORD NR.	CARTRIDGE CAPACITY		BULK CAPACITY (CM <sup>3</sup> )	THREADS	BOX QTY.
		(OZ.)	(GMS)			
G31RF/B	43015	14	400	500	1/8" BSPT	16
G31RF/M	43016	14	400	500	M10 x 1	16
*G31RF/N	43017	14	400	500	1/8" NPT	16

\* Best Seller

### FILLING OPTIONS

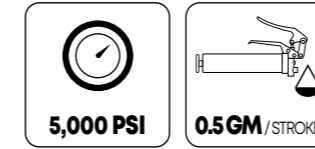


21

## Pistol Grip Grease Gun 'Vario'

G55

G65



Ergonomic One Hand Operated Grease Gun

### Unique Adjustable Mechanism

Easy shift between high volume and high pressure greasing, especially useful in cold conditions. High volume setting for faster greasing

### Built Tough

- Barrel with 0.049" (1.2 mm) wall thickness
- CNC machined aluminium die cast head with drop resistant pistol assembly
- Solid 0.43" (11 mm) dia. piston for higher grease discharge per stroke

Suitable for use with NLGI 1, 2, 3 greases

### Complete with

12" (300 mm) x 0.425" (11 mm) heavy duty hose & coupler

### SPECIFICATIONS

DEVELOPS	UPTO 5,000 PSI	UPTO 345 BAR
DELIVERS	UPTO 0.70 OZ. / 40 STROKES	UPTO 0.50 GM / STROKE

### VARIANTS



### ORDERING INFORMATION

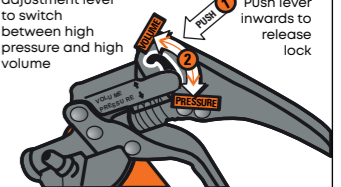
CAT NR.	ORD NR.	CARTRIDGE CAPACITY		BULK CAPACITY (CM <sup>3</sup> )	THREADS	BOX QTY.
		(OZ.)	(GMS)			
G55F-HP/B	43095	14	400	500	1/8" BSPT	16
G55F-HP/M	43096	14	400	500	M10 x 1	16
G55F-HP/N	43098	14	400	500	1/8" NPT	16
*G65F-HP/B	43088	-	450	650	1/8" BSPT	16

\* Best Seller

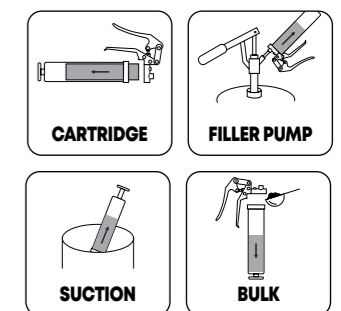


### UNIQUE ADJUSTABLE MECHANISM HIGH PRESSURE / HIGH VOLUME

Lift or lower the adjustment lever to switch between high pressure and high volume



### FILLING OPTIONS





All weather grease gun designed for convenient use even in very cold weather conditions

#### Built Tough

- Barrel with 0.049" (1.2 mm) wall thickness
- Heavy duty follower spring
- CNC machined aluminium die cast head with bulk loader valve that double as an air bleeder
- Rolled threads for quick & easy re-loading
- Heavy duty plunger spring keeps grease compressed and free of air pockets

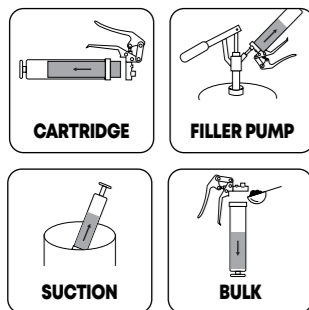
**Venturi Mechanism** coupled with a large grease inlet helps retain prime

Also available with: **Unique Adjustable Mechanism** that switches between high pressure and high volume easily. High volume for faster greasing & high pressure for use in very cold weather conditions



Grease Gun Head: Large grease inlet with venturi mechanism

#### FILLING OPTIONS



#### VARIANTS



G70

2-1/4"  
(57.15 mm)

Use with 14 oz. (400 gms) grease cartridge / 500cc bulk fill

With double lipped follower for ease of use with cartridge or bulk grease without changeover

Comes with 18" (450mm) x 0.425" (11mm) high pressure grease hose & coupler



G80

2-1/4"  
(57.15 mm)

#### Adjustable Mechanism

Use with 14 oz. (400 gms) grease cartridge / 500cc bulk fill

Comes with 12" (300mm) x 0.425" (11mm) high pressure grease hose & coupler



G85

63.5 mm

#### Adjustable Mechanism

Use with 450 gms. grease cartridge

Comes with 12" (300mm) x 0.425" (11 mm) high pressure grease hose & coupler



Rugged die-cast handle

#### SPECIFICATIONS

DEVELOPS	UPTO 7,000 PSI	UPTO 483 BAR
DELIVERS	UPTO 1 OZ. / 40 STROKES	UPTO 0.68 GM / STROKE

#### ORDERING INFORMATION

CAT NR.	ORD NR.	CARTRIDGE CAPACITY		BULK CAPACITY	THREADS	BOX QTY.
		(OZ.)	(GMS)			
G70F-HP18/B	43040	14	400	500	1/8" BSPT	16
G70F-HP18/M	43041	14	400	500	M10 x 1	16
*G70F-HP18/N	43042	14	400	500	1/8" NPT	16

\* Best Seller

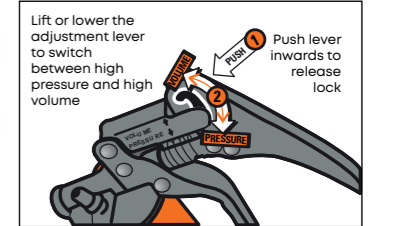


Aluminium die cast head with unique bulk loader which doubles as an air bleeder

Compression Spring

G80

#### UNIQUE ADJUSTABLE MECHANISM HIGH PRESSURE / HIGH VOLUME



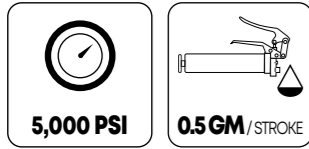
#### SPECIFICATIONS

DEVELOPS	UPTO 6,000 PSI	UPTO 413 BAR
DELIVERS	UPTO 1.30 OZ. / 40 STROKES	UPTO 0.90 GM / STROKE

#### ORDERING INFORMATION

CAT NR.	ORD NR.	CARTRIDGE CAPACITY		BULK CAPACITY	THREADS	BOX QTY.
		(OZ.)	(GMS)			
G80F-HP/B	43045	14	400	500	1/8" BSPT	10
*G80F-HP/M	43046	14	400	500	M10 x 1	10
*G80F-HP/N	43047	14	400	500	1/8" NPT	10
G85F-HP/B	43048	-	450	650	1/8" BSPT	10

\* Best Seller



Ideal combination of superior quality & value price

Aluminium die cast head fitted with automatic air bleeder valve

Black powder coated finish

**Available in 2 choices**

- a. 4" (100 mm) steel extension & coupler
- b. 12" (300 mm) x 0.33" (8.5 mm) flexible hose & coupler

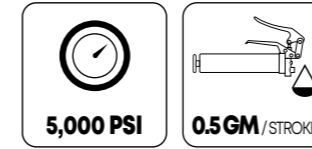
**SPECIFICATIONS**

DEVELOPS	UPTO 5,000 PSI	UPTO 345 BAR
DELIVERS	UPTO 0.70 OZ. / 40 STROKES	UPTO 0.50 GM / STROKE

**FILLING OPTIONS**

**ORDERING INFORMATION**

CAT NR.	ORD NR.	CAT NR.	ORD NR.	CARTRIDGE CAPACITY		BULK CAPACITY	THREADS	BOX QTY.
				(OZ.)	(GMS)			
4" (100 MM) STEEL EXTENSION & COUPLER		12" (300 MM) FLEXIBLE HOSE & COUPLER						
V5R/BL/B	42954	V5F/BL/B	42973	14	400	500	1/8" BSPT	16
V5R/BL/M	42955	V5F/BL/M	42974	14	400	500	M10 x 1	16
V5R/BL/N	42956	V5F/BL/N	42975	14	400	500	1/8" NPT	16



"SUPA-LITE" lightweight aluminium grease guns

Designed for fatigue free & comfortable everyday greasing in automotive, fleet, industrial, farm & construction applications

Barrel made from lightweight yet strong aircraft grade 0.063" (1.6 mm) thick aluminium

Aluminium die cast head fitted with steel block nut

Super strong pistol grip handle designed to prevent 'pinching'

**Dual Discharge Ports**

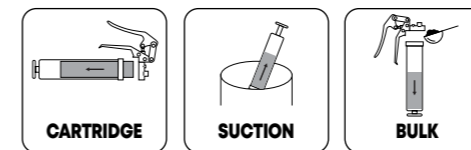
Front & top port make greasing on inaccessible fitting very convenient

**Available in 2 choices**

- a. 4" (100 mm) steel extension & coupler
- b. 18" (450 mm) x 0.33" (8.5 mm) flexible hose & coupler

**SPECIFICATIONS**

DEVELOPS	UPTO 5,000 PSI	UPTO 345 BAR
DELIVERS	UPTO 0.70 OZ. / 40 STROKES	UPTO 0.50 GM / STROKE

**FILLING OPTIONS**

**ORDERING INFORMATION**

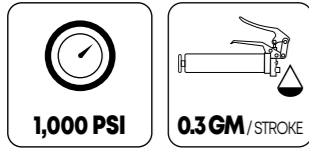
CAT NR.	ORD NR.	CAT NR.	ORD NR.	CARTRIDGE CAPACITY		BULK CAPACITY	THREADS	BOX QTY.
				(OZ.)	(GMS)			
4" (100 MM) STEEL EXTENSION & COUPLER		18" (450 MM) FLEXIBLE HOSE & COUPLER						
G31R/AL/BL/B	43064	G31F-18/AL/BL/B	43067	14	400	500	1/8" BSPT	16
G31R/AL/BL/M	43065	G31F-18/AL/BL/M	43068	14	400	500	M10 x 1	16
G31R/AL/BL/N	43066	G31F-18/AL/BL/N	43069	14	400	500	1/8" NPT	16

## 25

### Mini Grease Gun Push Type

G3P

G3P-CL



Push type grease guns to lubricate hammer mechanism in wrenches with flush type grease fittings, air tools, lawn mowers, ATV, RV's etc.

Small tip opening ensures precise & correct lubricants

Die cast aluminium head with 2 threaded pockets to hold spare needle nozzles

Compatible with most flush type fittings

**Includes needle nozzles with size:**

1. 0.028" (0.7 mm)
2. 0.039" (1.0 mm)
3. 0.055" (1.4 mm)

**Available in 2 types**

- a. Steel barrel for regular greasing applications
- b. Tough, impact & drop resistant clear tube barrel with aluminium adaptors

**SPECIFICATIONS**

DEVELOPS	UPTO 1,000 PSI	UPTO 69 BAR
DELIVERS	UPTO 1 OZ. / 95 STROKES	UPTO 0.3 GM / STROKE



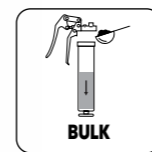
Lubricating impact wrench

**ORDERING INFORMATION**

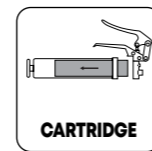
CAT NR.	ORD NR.	TYPE	CARTRIDGE CAPACITY		BOX QTY.
			(OZ.)	(GMS)	
G3P	43105	Steel Barrel	3	85	36
G3P/CL	43106	Clear Tube	3	85	36



**FILLING OPTION**



**FILLING OPTION**

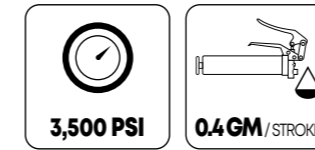


SCAN TO WATCH

## 26

### Mini Pistol Grease Gun Deluxe

G16



One hand pistol grip grease gun with convenient pull type operating mechanism

Designed for use with 3 oz./85 gms grease cartridge

Complete with 4" (100 mm) steel extension and coupler

**SPECIFICATIONS**

DEVELOPS	UPTO 3,500 PSI	UPTO 240 BAR
DELIVERS	UPTO 0.60 OZ. / 40 STROKES	UPTO 0.40 GM / STROKE

**VARIANTS**

G-16



Powder coated steel barrel for regular greasing applications

G-16/ZN



Zinc plated steel barrel

G-16/CL



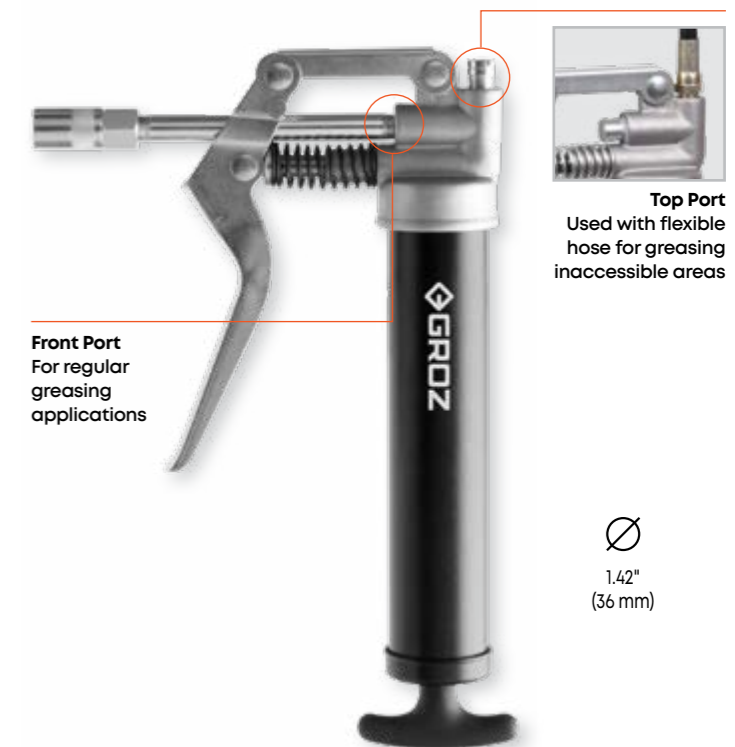
Tough & impact resistant clear tube barrel for easy quick identifications of grease

**NEW!**

G-16/MR



Aluminium barrel with Stainless steel (SS-304) handle, end cap and connecting link.  
**For marine applications**

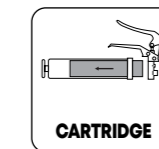


**Front Port**  
For regular greasing applications

**Top Port**  
Used with flexible hose for greasing inaccessible areas

1.42" (36 mm)

**FILLING OPTION**



**ORDERING INFORMATION**

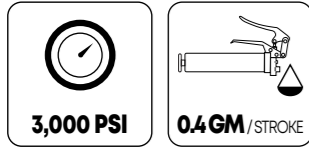
CAT NR.	ORD NR.	THREADS	BOX QTY.
* G-16/B	43250	1/8" BSPT	30
G-16/M	43251	M10 x 1	30
G-16/N	43252	1/8" NPT	30
G-16/ZN/B	43260	1/8" BSPT	30
G-16/ZN/M	43261	M10 x 1	30
* G-16/ZN/N	43262	1/8" NPT	30
G-16/CL/B	43265	1/8" BSPT	30
G-16/CL/M	43266	M10 x 1	30
G-16/CL/N	43267	1/8" NPT	30
◆ G-16/MR/B	43240	1/8" BSPT	30
◆ G-16/MR/M	43241	M10 x 1	30
◆ G-16/MR/N	43242	1/8" NPT	30

\* Best Seller ◆ New

27

### Mini Pistol Grease Gun Popular

G15



Low cost, compact tool box size grease gun, perfect for hard to reach jobs

Aluminum die cast head with textured powder coated finish for non-slip grip

One hand pistol grip gun with push type operating mechanism

Complete with 4" (100 mm) steel extension & coupler

**SPECIFICATIONS**

DEVELOPS	UPTO 3,000 PSI	UPTO 207 BAR
DELIVERS	UPTO 0.60 OZ. / 40 STROKES	UPTO 0.40 GM / STROKE

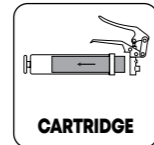
**ORDERING INFORMATION**

CAT NR.	ORD NR.	CARTRIDGE CAPACITY		THREADS	BOX QTY.
		(OZ.)	(GMS)		
G-15/B	43200	3	85	1/8" BSPT	30
G-15/M	43201	3	85	M10 x 1	30
*G-15/N	43202	3	85	1/8" NPT	30

\* Best Seller



**FILLING OPTION**

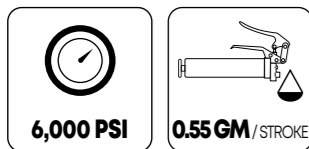


CARTRIDGE

28

### Mini Lever Grease Gun

G14



Compact tool box size gun

Complete with 6" (150 mm) steel extension & coupler

Aluminum die cast head with textured powder coated finish for non-slip grip

**SPECIFICATIONS**

DEVELOPS	UPTO 6,000 PSI	UPTO 413 BAR
DELIVERS	UPTO 0.80 OZ. / 40 STROKES	UPTO 0.55 GM / STROKE

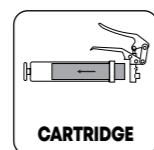
**ORDERING INFORMATION**

CAT NR.	ORD NR.	CARTRIDGE CAPACITY		THREADS	BOX QTY.
		(OZ.)	(GMS)		
G14R/B	43280	3	85	1/8" BSPT	30
G14R/M	43281	3	85	M10 x 1	30
G14R/N	43282	3	85	1/8" NPT	30

44 www.groz-tools.com



**FILLING OPTION**



CARTRIDGE

29

### Push Type Grease Guns

G6P

G7P



Compact toolbox size, ideal for greasing impact wrenches, lawn mowers, chain saws, trailers, ATVs, trucks etc

Push type mechanism for use with bulk grease only

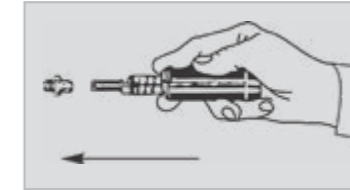
Complete with Universal connector

Custom built options with pointed nozzles available on request

**ORDERING INFORMATION**

CAT NR.	ORD NR.	BULK CAPACITY		BOX QTY.
		(CM <sup>3</sup> )		
G6P	43100	30	50	
*G7P	43101	125	50	

\* Best Seller

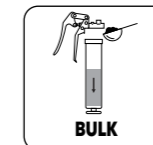


Align Push Gun straight with fitting



Push with palm of hand

**FILLING OPTION**



BULK



30

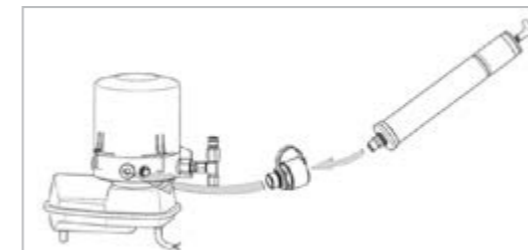
### Quick Grease Filler Gun

SG-GR

Filler gun for quick filling of high viscosity grease in cylinders of Central Lubrication System

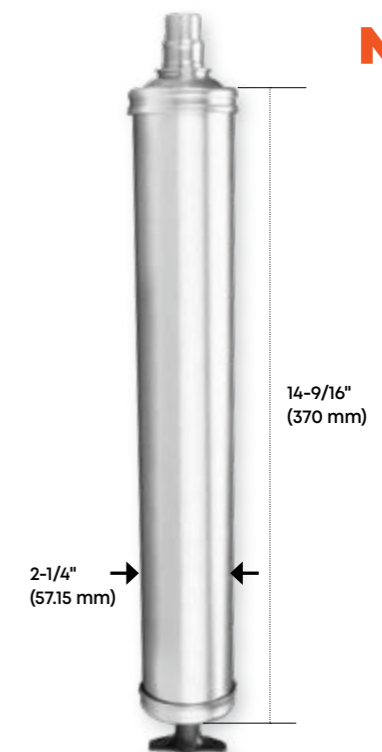
Simple method for filling grease reservoirs, reduces the chance of contamination

Manufactured from high quality zinc plated steel



**ORDERING INFORMATION**

CAT NR.	ORD NR.	CARTRIDGE CAPACITY		BULK CAPACITY
		(OZ.)	(GMS)	
SG/GR/400T	45261	14	400	700

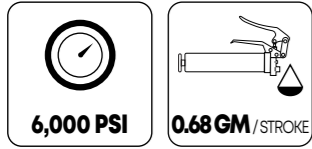


NEW!

info@groz-tools.com

45





High power one shot air grease gun

Designed with grease cylinder on top for optimal balance

For use in factory maintenance, farm, fleet service or for use from vehicle air brake compressors

**Available in 2 choices**

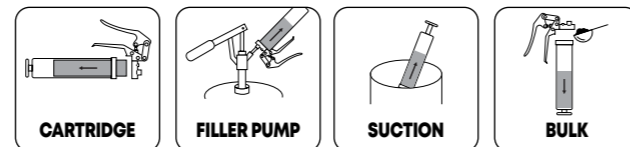
- a. 6" (150 mm) steel extension & coupler
- b. 9" (225 mm) x 0.425" (11 mm) high pressure flexible hose & professional coupler



**SPECIFICATIONS**

DEVELOPS	UPTO 6,000 PSI	UPTO 413 BAR
DELIVERS	UPTO 1 OZ. / 40 SHOTS	UPTO 0.68 GM / SHOT
AIR OPERATING RANGE	40-120 PSI	3-8 BAR
PRESSURE RATIO	50:1	
AIR COMPRESSOR VOLUME	1 CFM @ 6 BAR	0.026 CBM @ 6 BAR
AIR INLET THREADING	1/4" (F)	

**FILLING OPTIONS**



**ORDERING INFORMATION**

CAT NR.	ORD NR.	CAT NR.	ORD NR.	THREADS	BOX QTY.
6" (150 MM) STEEL EXTENSION & COUPLER		9" (225 MM) HIGH PRESSURE FLEXIBLE HOSE & COUPLER			
*G64R/B	43360	G64F-HP9/B	43370	1/8" BSPT	10
*G64R/M	43361	*G64F-HP9/M	43371	M10 x 1	10
G64R/N	43362	*G64F-HP9/N	43372	1/8" NPT	10

\* Best Seller

**WARNING**

Always use lubricator unit with air supply

This 'ONE GUN' eliminates the need to have two separate guns

**Patented Design**

Fully automatic free outflow and single shot / grease discharge on demand in 'ONE GUN'

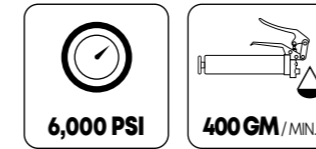
**Dual Mode**

Switch between continuous grease flow and single shot operation with the slide of a button

**a. Continuous Mode**



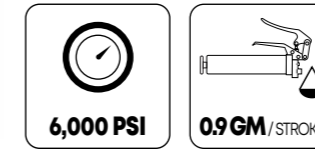
Slide backwards for Continuous Mode



**b. Single Shot Mode**



Press button for Single Shot operation



**Built Tough**

- Heavy duty Aluminium die cast head with precision honed internal bore
- Bulk loader doubles as an air bleeder
- Ergonomic pistol grip and acute angle design for balance and ease of use in narrow work spaces
- Powder coated barrel with clip for securing hose & coupler when not in use

**Complete With**

30" (760 mm) flexible grease hose & coupler

**SPECIFICATIONS**

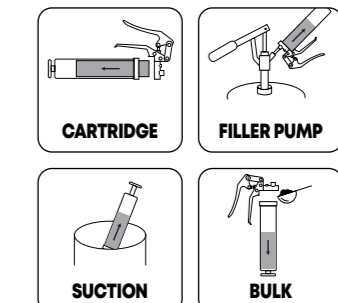
DEVELOPS	UPTO 6,000 PSI	UPTO 413 BAR
DELIVERS (ONE SHOT MODE)	UPTO 1 OZ. / 32 STROKES	UPTO 0.90 GM / STROKE
DELIVERS (CONTINUOUS MODE)	UPTO 400 GM / MINUTE	UPTO 14 OZ. / MINUTE
AIR OPERATING RANGE	40 - 120 PSI	3 - 8 BAR
AIR COMPRESSOR VOLUME	1 CFM @ 6 BAR	0.026 CBM @ 6 BAR
AIR INLET THREAD	1/4" (F)	

**ORDERING INFORMATION**

CAT NR.	ORD NR.	CARTRIDGE CAPACITY		BULK CAPACITY (CM <sup>3</sup> )	THREADS	BOX QTY.
		(OZ)	(GMS)			
APGG/1F-30/B	43364	14	400	500	1/8" BSPT	10
APGG/1F-30/M	43365	14	400	500	M10 X 1	10
APGG/1F-30/N	43366	14	400	500	1/8" NPT	10
APGG/4F-30/B	43367	-	450	650	1/8" BSPT	10



**FILLING OPTIONS**



SCAN TO WATCH

Ideal for use in factory maintenance, agricultural applications, fleet service or for use on trucks connected to vehicle air brake compressors

**Available in 2 versions**

**a. Intermittent (PGG)**

Grease discharge with every press of trigger

**b. Automatic (AGG)**

Continuous grease discharge with the trigger pressed

**Available in 2 choices**

- a. 6" (150 mm) steel extension & coupler
- b. 12" (300 mm) x 0.33" (8.5 mm) flexible hose & coupler

**SPECIFICATIONS**

DEVELOPS	UPTO 4,800 PSI	UPTO 330 BAR
DELIVERS (PGG)	UPTO 1.30 OZ. /40 STROKES	UPTO 0.90 GM / SHOT
DELIVERS (AGG)	UPTO 14 OZ. / MINUTE	UPTO 400 GM / MINUTE
AIR OPERATING RANGE	40-120 PSI	3-8 BAR
PRESSURE RATIO	40:1	
AIR COMPRESSOR VOLUME	1 CFM @ 6 BAR	0.026 CBM @ 6 BAR
AIR INLET THREAD	1/4" (F)	



Pressure Ratio **40:1**

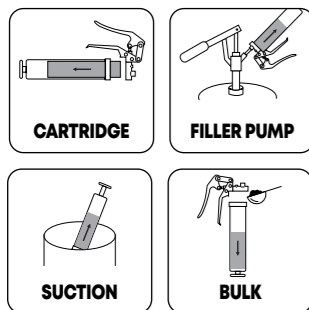
Heavy Duty aluminum die cast head with internal bore precision honed for rapid action. Fitted with bulk loader valve

Ergonomic pistol grip and acute angle design for ease of operation, especially in narrow spaces



Air Inlet threaded 1/4" (F). Each gun supplied with a male quick coupler fitting

**FILLING OPTIONS**



**WARNING**

Always use lubricator unit with air supply

**VARIANTS**

**INTERMITTENT (PGG)**

PGG-1



2-1/4" (57.15 mm)

Intermittent action with grease discharge per shot  
Use with 14 oz. (400 gms) grease cartridge or 500 cc bulk



PGG-4



63.5 mm

Intermittent action with grease discharge per shot  
Use with 450 gms grease cartridge, popular in Australia & New Zealand



**AUTOMATIC (AGG)**

AGG-1



2-1/4" (57.15 mm)

Automatic action with continuous grease discharge  
Use with 14 oz. (400 gms) grease cartridge or 500 cc bulk grease



AGG-4



63.5 MM

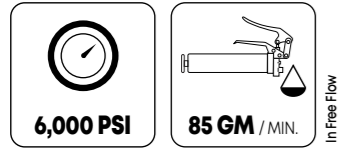
Automatic action with continuous grease discharge  
Use with 450 gms grease cartridge, popular in Australia & New Zealand



**ORDERING INFORMATION**

CAT NR.	ORD NR.	CAT NR.	ORD NR.	CARTRIDGE CAPACITY		BULK CAPACITY (CM <sup>3</sup> )	THREADS	BOX QTY.
				(OZ.)	(GMS)			
6" (150 MM) STEEL EXTENSION & COUPLER		12" (300 MM) FLEXIBLE HOSE & COUPLER						
<b>INTERMITTENT</b>								
PGG/1R/B	43300	PGG/1F/B	43320	14	400	500	1/8" BSPT	12
PGG/1R/M	43301	PGG/1F/M	43321	14	400	500	M10 x 1	12
* PGG/1R/N	43302	PGG/1F/N	43322	14	400	500	1/8" NPT	12
PGG/4R/B	43380	PGG/4F/B	43385	-	450	650	1/8" BSPT	12
<b>AUTOMATIC</b>								
AGG/1R/B	43303	AGG/1F/B	43323	14	400	500	1/8" BSPT	12
AGG/1R/M	43304	AGG/1F/M	43324	14	400	500	M10 x 1	12
* AGG/1R/N	43305	AGG/1F/N	43325	14	400	500	1/8" NPT	12
AGG/4R/B	43381	AGG/4F/B	43389	-	450	650	1/8" BSPT	12

\* Best Seller



High quality battery operated grease guns designed for use by mechanics, technicians, maintenance staff, farmers etc for everyday greasing and maintenance jobs

Robust Aluminium die cast head fitted with automatic air bleeder & bulk loader valve

One hour quick charger: each battery charge provides power to **dispense upto 6 grease cartridge in free flow condition**

**Capacity**

14 oz. (400 gms)

**Available in 2 choices**

**a. 19.2V Ni-Cd Battery**

- Standard 1.5 Ah Ni-Cd battery pack
- An additional 1.5 Ah Ni-Cd battery pack for uninterrupted greasing

**b. 18.5V Li-ion Battery**

- Standard 1.5 Ah Li-ion battery pack

Comes in strong blow moulded case for convenient storage and portability

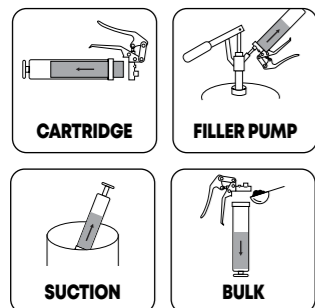
**What's included**

1. Grease gun assembly
2. Grease gun hose with coupler
3. Rechargeable battery pack
4. Quick battery charger
5. Shoulder strap
6. Blow moulded case

**SPECIFICATIONS**

DEVELOPS	UPTO 6,000 PSI	UPTO 413 BAR
DELIVERS IN FREE FLOW	UPTO 3 OZ. / MINUTE	UPTO 85 GM / MINUTE

**FILLING OPTIONS**



**Ni-cd**

**ORDERING INFORMATION**

CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
<b>19.2V NI-CD BATTERY OPERATED GREASE GUN</b>			
*BPGG/19/US	47200	14 oz. Grease Gun, 110V/60 Hz. Battery Charger with US Plug	3
BPGG/19/EU	47201	14 oz. Grease Gun, 220V/50 Hz. Battery Charger with EU Plug	3
BPGG/19/UK	47202	14 oz. Grease Gun, 220V/50 Hz. Battery Charger with UK Plug	3
BPGG/19/AU	47203	450 gm Grease Gun, 220V/50 Hz. Battery Charger with AU Plug	3
<b>SPARE PARTS &amp; ACCESSORIES</b>			
RB/BPGG/19N	47250	Rechargeable Battery, 19.2V, 1.5 Ah, Ni-Cd	3
BC/BPGG/19N/US	47251	1 hour UL listed Battery Charger, 110V/60Hz, 19.2V, US Plug	3
BC/BPGG/19N/EU	47252	1 hour CE Energy Saving Battery Charger, 220V/50Hz, 19.2V, EU Plug	3
BC/BPGG/19N/UK	47253	1 hour CE Energy Saving Battery Charger, 220V/50Hz, 19.2V, UK Plug	3
BC/BPGG/19N/AU	47257	1 hour CE Energy Saving Battery Charger, 220V/50Hz, 19.2V, AU Plug	3

\* Best Seller



**Li-ion**

**ORDERING INFORMATION**

CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
<b>18.5V LI-ION BATTERY OPERATED GREASE GUN</b>			
*BPGG/19L1/US	47220	14 oz. Grease Gun, 1 pc Li-Ion battery, US Plug	3
*BPGG/19L1/EU	47222	14 oz. Grease Gun, 1 pc Li-Ion battery, EU Plug	3
BPGG/19L1/UK	47224	14 oz. Grease Gun, 1 pc Li-Ion battery, UK Plug	3
BPGG/19L1/AU	47226	450 gm Grease Gun, 1 pc Li-Ion battery, AU Plug	3
BPGG/19L2/US	47221	14 oz. Grease Gun, 2 pcs Li-Ion battery, US Plug	3
BPGG/19L2/EU	47223	14 oz. Grease Gun, 2 pcs Li-Ion battery, EU Plug	3
BPGG/19L2/UK	47225	14 oz. Grease Gun, 2 pcs Li-Ion battery, UK Plug	3
BPGG/19L2/AU	47227	450 gm Grease Gun, 2 pcs Li-Ion battery, AU Plug	3

\* Best Seller



Blow moulded case for safe & convenient storage



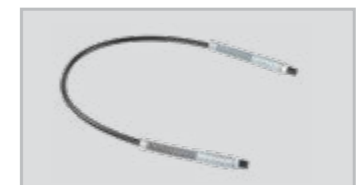
Shoulder strap included



Battery charger



Rechargeable battery packs



Hose

**ORDERING INFORMATION**

CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
<b>SPARE PARTS &amp; ACCESSORIES</b>			
RB/BPGG/19L	47258	Rechargeable Battery, 18.5V, 1.5 Ah, Li-ion	3
BC/BPGG/19L/US	47259	1 hour UL listed Battery Charger, 110V/60Hz, 18.5V, US Plug	3
BC/BPGG/19L/EU	47260	1 hour CE Energy Saving Battery Charger, 220V/50Hz, 18.5V, EU Plug	3
BC/BPGG/19L/UK	47261	1 hour CE Energy Saving Battery Charger, 220V/50Hz, 18.5V, UK Plug	3
BC/BPGG/19L/AU	47262	1 hour CE Energy Saving Battery Charger, 220V/50Hz, 18.5V, AU Plug	3
HOS/BG/30/N	47256	30" (760 mm) Replacement Hose	3
HOS/BG/48/SPL2	47246	48" (1200 mm) Replacement Hose	3

**35**

## Cordless Grease Guns 20V

**CGG**



Designed for unmatched versatility, superior performance and maximum value this is an ideal tool for everyday greasing and maintenance jobs

Powerful 20V high torque Motor

Clears clogged and jammed fittings with ease

### 2 Speed Design

- a. High Pressure  
Upto 10,000 PSI ( 690 BAR)
- b. Low Pressure  
Upto 7,500 PSI (517 BAR)

2000 mAh Lithium Ion Battery  
Fully charged battery **dispenses upto 12 cartridges in free flow condition**

### What's included

1. Grease gun assembly
2. Grease gun hose with coupler
3. Lithium-ion battery (1)
4. Quick battery charger
5. Shoulder strap
6. Blow moulded case

### SPECIFICATIONS

DEVELOPS	UPTO 10,000 PSI	UPTO 690 BAR
DELIVERS	UPTO 3 OZ. / MINUTE	UPTO 85 GM / MINUTE



Pressure Release Valve prevents excess pressure build up in the system, preventing gear damage

Aluminium Die Cast Head with air release valve & bulk loader

Integrated foot to rest the gun on flat surfaces

40" (1m) high pressure hose with anti-kink spring and coupler

Display Panel indicates:

- Battery level
- Grease level
- Unit of dispensing
- Pump speed

User controlled grease outflow with the press of a button



Blow moulded case for safe & convenient storage



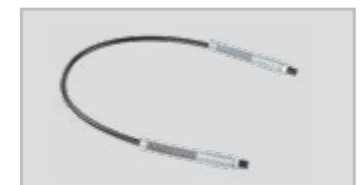
Shoulder strap included



Battery charger

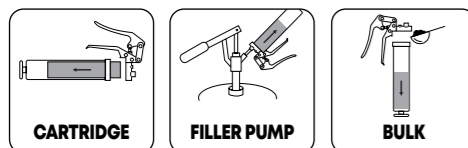


Lithium-ion Battery & Charger



Hose

### FILLING OPTIONS

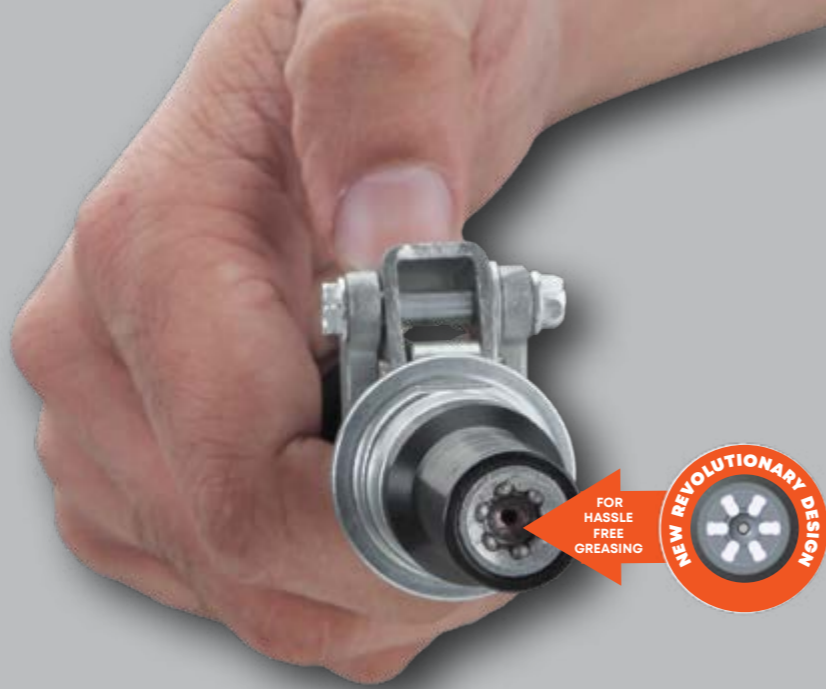


### ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
CGG/20L/US	47270	Grease gun, 1pc Li-ion battery, US plug	3
CGG/20L/EU	47271	Grease gun, 1pc Li-ion battery, EU plug	3
CGG/20L/UK	47272	Grease gun, 1pc Li-ion battery, UK plug	3
RB/CGG/20L	47360	Rechargeable Battery, 20V 2000 mAh Li-ion	3
BC/CGG/20L/US	47361	1 hour UL listed Battery Charger, 110V/60Hz, 20V, US Plug	3
BC/CGG/20L/EU	47362	1 hour UL listed Battery Charger, 220V/50Hz, 20V, EU Plug	3
BC/CGG/20L/UK	47363	11 hour cUL listed Battery Charger, 220V/50Hz, 20V, UK Plug	3
HOS/BG/40/N	47365	40" (1000mm) replacement hose	3

# QUICK LOCK GREASE COUPLERS

Quick disconnect coupler for convenient, hands free operation



Disengaging a coupler from a grease fitting, under pressurised conditions is very difficult & often leads to broken fittings or damage to the coupler jaws

The GROZ Quick Lock Grease Couplers take away this worry with their unique 6 point contact design. Designed for quick & convenient dis-engagement of coupler from grease / zerk fittings under pressure

The engagement system moves inside the steel wall when the thumb lever is actuated. This provides additional back support to the mechanism in high pressure applications

**Robust Construction**  
1-1/2" times stronger coupler body is heat treated to withstand high pressures without deformation

Case hardened rollers hold the coupler in position when subjected to high pressure applications



**Convenient Engagement**  
Press thumb lever & slide the coupler onto the fitting, 6 hardened cylindrical pins hold the grease/zerk fitting tight



**Easy Release**  
Press the thumb lever to disconnect coupler from the zerk fitting

## QUICK COMPARISON

### GROZ QUICK LOCK



**Engagement at 6 points**  
Hardened ball points of contact will not get deformed giving longer life  
Slim line design provides easy access into tight areas  
Easy to service/repair

### OTHER QUICK COUPLERS



Provide engagement around the flat surfaces  
Upon repeated use, at varying pressures jaws tend to deform, loosening grip over the fitting  
Very difficult to service/repair

**NO MORE MESS**



**NO MORE BROKEN JAWS**



**NO MORE BROKEN GREASE FITTINGS**



## QUICK LOCK - REGULAR



## QUICK LOCK - EXTRA LONG

**NEW!**

- Useful for greasing deep & recessed grease fittings with limited reach
- Especially useful in harvesters, U-joints, PTO shafts, axles etc.



## QUICK LOCK ADVANTAGE

- Convenient Engagement & Dis-engagement**
- Easy Release**
- Hands free operation**  
Once engaged the coupler sits firm on the grease / zerk fitting & does not require to be held, as is required with regular couplers. This coupler will not move, thus allowing hands free operation.
- Universal**  
The design permits usage on all profiles of Grease Fittings – SAE, DIN, BS etc
- Robust Construction**  
Threaded two piece construction for easy repairs

### SPECIFICATIONS

PRESSURE	UPTO 8,000 PSI	UPTO 550 BAR
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SCAN TO WATCH

### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS
<b>REGULAR</b>		
HC/21/B	43544	1/8" BSPT
HC/21/M	43545	M10 x 1
HC/21/N	43546	1/8" NPT
HC/21/BSP	43547	1/8" BSP
<b>EXTRA LONG</b>		
HC/21L/B	43553	1/8" BSPT
HC/21L/M	43554	M10 x 1
HC/21L/N	43543	1/8" NPT

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### Quick Connect Grease Coupler Super Grip

HC-23



Compact & easy access coupler: works with a "Forward Push" mechanism both for engaging & dis-engaging

**Groz Super Grip Quick Connect Grease Coupler takes the pain out of greasing & offers**

1. Quick connection of coupler on grease fittings
2. Convenient dis-engagement of coupler under high pressure
3. Hands free usage: SUPER GRIP jaws hold firmly onto the grease fitting with no chance of grease leakage
4. No grease splash during coupler dis-engagement

Robust construction with heat treated Spring Steel jaws.

4 Jaws move inside the hardened body during engagement

Hardened coupler body offers back support to the jaws, ensuring no deformation/damage to jaws under high pressure.

#### SPECIFICATIONS

PRESSURE	UPTO	UPTO
	5,000 PSI	345 BAR



Convenient engagement & disengagement with a forward push



**No more broken jaws  
No more broken grease fittings  
No more wastage  
No more mess**

#### ORDERING INFORMATION

CAT NR.	ORD NR.	THREAD
HC/23/4/B	43587	1/8" BSPT (F)
HC/23/4/M	43588	M10 x 1 (F)
HC/23/4/N	43589	1/8" NPT (F)

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### Hydraulic Couplers Standard

HC-11

HC-10



Narrow coupler design for use on fittings with limited access. Milled slot for easy tightening. Fully hardened spring steel jaws

Available with or without ball check

For hand operated grease gun only



#### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	THREADS	BOX QTY.
WITH BALL CHECK		WITHOUT BALL CHECK			
HC/11/4/B	43510	HC/10/4/B	43516	1/8" BSPT	500
HC/11/4/M	43511	HC/10/4/M	43517	M10 x 1	500
*HC/11/4/N	43512	HC/10/4/N	43518	1/8" NPT	500

CAT NR.	ORD NR.	THREADS	BOX QTY.
SET - PACK OF 54			
HC/11/4/B/ST54	43581	1/8" BSPT	12
HC/11/4/M/ST54	43582	M10 x 1	12
HC/11/4/N/ST54	43583	1/8" NPT	12

\* Best Seller

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### Hydraulic Couplers Professional

HC-14

HC-18



Hardened coupler body withstands high pressure without deformation. Fully hardened spring steel jaws. Hexagonal nut for easy tightening

For hand operated grease gun only



#### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	CAT NR.	ORD NR.	CAT NR.	ORD NR.	THREADS	BOX QTY.
4 JAW COUPLERS		3 JAW COUPLERS		4 JAW COUPLERS		3 JAW COUPLERS			
WITH BALL CHECK				WITHOUT BALL CHECK					
*HC/14/4/B	43500	HC/14/3/B	43503	HC/18/4/B	43535	HC/18/3/B	43507	1/8" BSPT	500
HC/14/4/M	43501	HC/14/3/M	43504	HC/18/4/M	43536	HC/18/3/M	43508	M10 x 1	500
*HC/14/4/N	43502	*HC/14/3/N	43505	*HC/18/4/N	43537	HC/18/3/N	43509	1/8" NPT	500

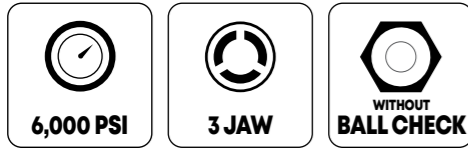
\* Best Seller

CAT NR.	ORD NR.	THREADS	BOX QTY.
SET - PACK OF 54			
HC/14/4/B/ST54	43584	1/8" BSPT	12
HC/14/4/M/ST54	43585	M10 x 1	12
HC/14/4/N/ST54	43586	1/8" NPT	12

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**Hydraulic Coupler Slim Line**

HC-19



Slimmest jaw type grease coupler

Ideal for use in confined spaces & fittings with narrow access

Hardened coupler body withstands high pressure without deformation. Fully hardened spring steel jaws. Coupler nut & body can be hand tightened for adjusting to variation in grease nipple sizes

For hand operated grease gun only

**ORDERING INFORMATION**

CAT NR.	ORD NR.	THREADS	BOX QTY.
HC/19/3/B	43590	1/8" BSPT	500
HC/19/3/M	43591	M10 x 1	500
*HC/19/3/N	43592	1/8" NPT	500

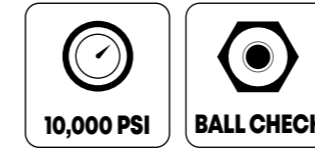
\* Best Seller



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**Hydraulic Coupler Heavy Duty**

HC-12



Hardened coupler body with double wall thickness withstands high pressure without deformation. Fully hardened spring steel jaws. Hexagonal nut for easy tightening

For hand and air operated grease gun only

**ORDERING INFORMATION**

CAT NR.	ORD NR.	THREADS	BOX QTY.
<b>4 JAW COUPLERS</b>			
HC/12/4/B	43520	1/8" BSPT	500
HC/12/4/M	43521	M10 x 1	500
*HC/12/4/N	43522	1/8" NPT	500
<b>3 JAW COUPLERS</b>			
HC/12/3/B	43523	1/8" BSPT	500
HC/12/3/M	43524	M10 x 1	500
HC/12/3/N	43525	1/8" NPT	500

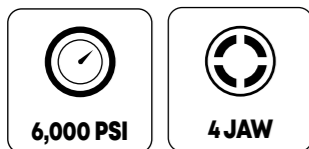
\* Best Seller



41

**Hydraulic Coupler Machined Jaw**

HC-24



Precision machined jaw coupler for high pressure greasing applications

Jaw machined from high tensile steel & assembled into the coupler as single unit. On usage jaws break away from a single unit into 4 pieces making a perfect fit on the grease nipple

Body & jaws heat treated to withstand high pressures without deformation

For hand operated grease gun only

**ORDERING INFORMATION**

CAT. NR.	ORD. NR.	THREADS	BOX QTY.
HC/24/4/B	43593	1/8" BSPT	500
*HC/24/4/M	43594	M10 x 1	500
HC/24/4/N	43598	1/8" NPT	500

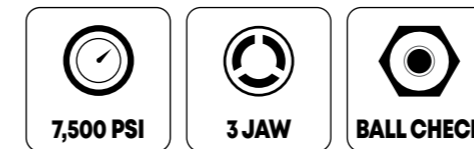
\* Best Seller



43

**Hydraulic Coupler Air-O**

HC-P



Recommended for use with grease control valves

Hardened coupler body & all internal parts withstand high dynamic pressures without deformation. Fully hardened reversible spring steel jaws for extended service life. Hexagonal nut for easy tightening

100% pressure tested

**ORDERING INFORMATION**

CAT NR.	ORD NR.	THREADS	BOX QTY.
<b>3 JAW COUPLERS</b>			
HC/P/3/B	43540	1/8" BSPT	400
HC/P/3/M	43541	M10 x 1	400
*HC/P/3/N	43542	1/8" NPT	400

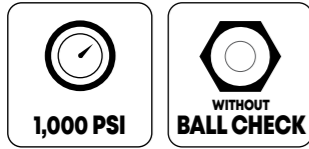
\* Best Seller



44

**Hydraulic Coupler**  
90°

HC-R



Designed for right angled discharge of grease

Very useful for greasing fittings with limited access or in low heights where a grease gun with regular coupler is difficult to use, such as on Chrysler models

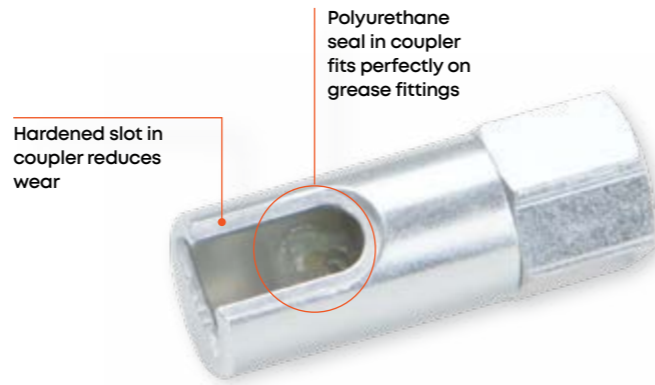
Fits all standard grease guns

For hand operated grease gun only

**ORDERING INFORMATION**

CAT NR.	ORD NR.	THREADS	BOX QTY.
HC/R/01/B	43550	1/8" BSPT	500
HC/R/01/M	43551	M10 x 1	500
*HC/R/01/N	43552	1/8" NPT	500

\* Best Seller

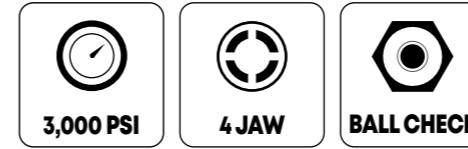


Right angled coupler used for greasing the axle of a low height truck where access to the grease fittings is only through a side

46

**Slim Swivel Coupler**  
360°

HC-SW11



Designed for convenient access into narrow, inaccessible greasing joints

Swivels in full 360° circle & locks conveniently at any 45° position. 45° angle gives easy access to most grease fittings

Spring steel jaws are fully hardened for extended service life

Spring loaded ball check valve helps retain pressure

Zinc plated finish

For hand operated grease gun only

**SPECIFICATIONS**

PRESSURE	UPTO 3,000 PSI	UPTO 207 BAR
----------	----------------	--------------



**NEW!**

45

**Hydraulic Coupler**  
360°

HC-SW



An excellent coupler for effective lubrication of difficult & hard to reach grease fittings

Fully hardened jaws. Hardened coupler body & swivel joints withstand high-pressure applications without deformation

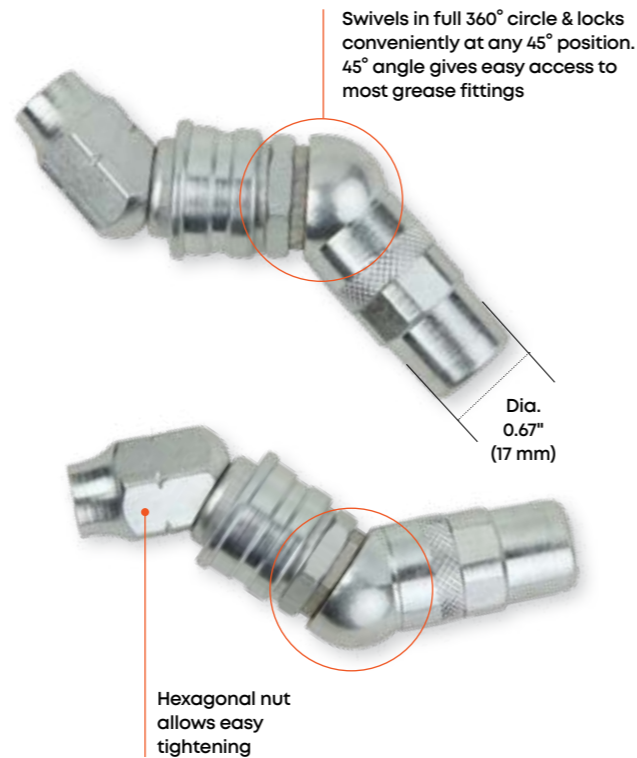
Spring loaded ball check valve helps retain pressure

For hand operated grease gun only

**ORDERING INFORMATION**

CAT NR.	ORD NR.	THREADS	BOX QTY.
HC/SW/3/B	43560	1/8" BSPT	144
HC/SW/3/M	43561	M10 x 1	144
*HC/SW/3/N	43562	1/8" NPT	144

\* Best Seller



**ORDERING INFORMATION**

CAT NR.	ORD NR.	THREADS
HC/SW/11/4/B	43533	1/8" BSPT
HC/SW/11/4/M	43534	M10 x 1
HC/SW/11/4/N	43538	1/8" NPT



Convenient access into narrow, inaccessible greasing joints



## 47

### Button Head Couplers

BHC-10

HOC-1

PCN-3

PCN-1

PCN-2



A range of couplers for use with button head grease fittings, found mostly on heavy machinery, agricultural or contractor's equipment

Zinc die cast construction

Metal seal for increased resistance to wear

For hand operated grease gun only

**PCN-1**  
Fixed Push-On  
5/8" (16 mm)  
Button Head Fittings



**BHC-10**  
Swivelling  
5/8" (16 mm)  
Button Head Fittings



**PCN-3**  
Medium Duty  
5/8" (16 mm)  
Button Head Fittings



**HOC-1**  
Fixed Hook-On  
5/8" (16 mm)  
Button Head Fittings



**PCN-2**  
Heavy Duty  
7/8" (22 mm)  
Giant Button Head Fittings



#### ORDERING INFORMATION

CAT NR.	ORD NR.	FOR BUTTON HEAD FITTING SIZE		THREADS	BOX QTY.
		(INCH)	(MM)		
*BHC/10/B	43570	5/8	16	1/8" BSPT	200
BHC/10/N	43572	5/8	16	1/8" NPT	200
*HOC/1/B	43574	5/8	16	1/8" BSPT	250
HOC/1/M	43575	5/8	16	M10 x 1	250
HOC/1/N	43569	5/8	16	1/8" NPT	250

\* Best Seller

CAT NR.	ORD NR.	FOR BUTTON HEAD FITTING SIZE		THREADS	BOX QTY.
		(INCH)	(MM)		
PCN/1/B	43577	5/8	16	1/8" BSPT	250
PCN/1/M	43563	5/8	16	M10 x 1	250
PCN/1/N	43564	5/8	16	1/8" NPT	250
*PCN/3/B	43579	5/8	16	1/8" BSPT	250
*PCN/3/M	43565	5/8	16	M10 x 1	250
*PCN/3/N	43576	5/8	16	1/8" NPT	250
PCN/2/B	43578	7/8	22	1/8" BSPT	125
PCN/2/M	43566	7/8	22	M10 x 1	125
*PCN/2/N	43567	7/8	22	1/8" NPT	125

## 48

### Hydraulic Coupler Pin Type

HC-13



Quick, positive and leak-proof connection with pin type fittings

Hexagonal nut for easy tightening

For hand operated grease gun only

#### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
*HC/13/B	43530	1/8" BSPT	500
HC/13/M	43532	M10 x 1	500
HC/13/N	43531	1/8" NPT	500

\* Best Seller



## 49

### Needle Nose Dispensers

DNN



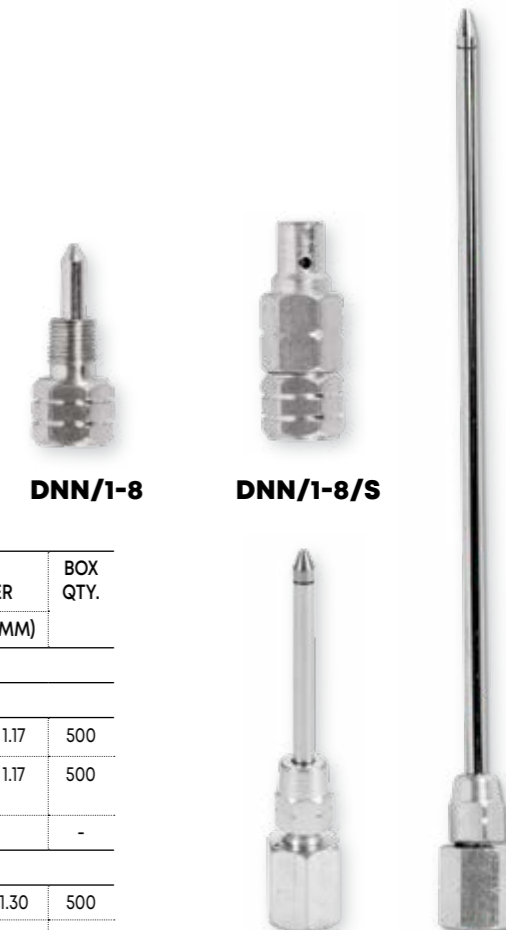
Used for dispensing a fine line of grease. Needle design allows easy access on hard to reach hydraulic type fittings in inaccessible areas. Can be directly attached to steel extensions or flexible hoses

For hand operated grease gun only

#### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	NEEDLE LENGTH		NEEDLE DIAMETER		TIP DIAMETER		BOX QTY.
				(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	
1/8" BSPT		1/8" NPT								
<b>NEEDLE NOSE DISPENSERS</b>										
DNN/1-8/B	44850	*DNN/1-8/N	44860	19/32	15	0.187	4.76	0.046	1.17	500
DNN/1-8/S/B (with shroud)	44853	-	-	19/32	15	0.187	4.76	0.046	1.17	500
S/DNN/1-8/B	44854	Replacement shroud only								-
<b>NARROW NEEDLE NOSE DISPENSERS</b>										
DNN/1-1-2/B	44851	*DNN/1-1-2/N	44861	1.1/2	38	0.156	3.96	0.051	1.30	500
DNN/6/B	44852	DNN/6/N	44862	6	150	0.156	3.96	0.051	1.30	500

\* Best Seller



DNN/1-8

DNN/1-8/S

DNN/1-1-2

DNN/6

50

## Grease Injector Needles

GIN



Used for lubrication in very tight spaces such as universal joints and sealed bearings. Equipped with grease fitting for quick connect operation

Available in two types

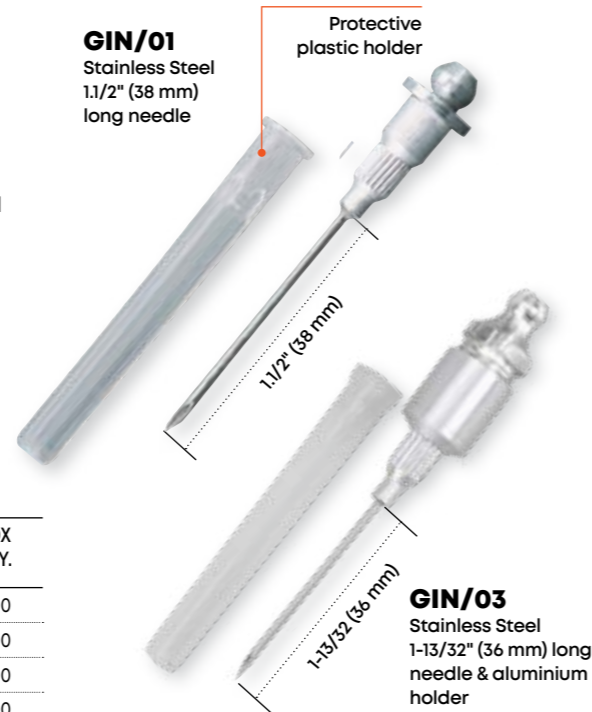
1. Standard
2. Safety version with aluminum holder for safe & easy handling

For hand operated grease gun only

### ORDERING INFORMATION

CAT NR.	ORD NR.	TYPE	NEEDLE LENGTH		NEEDLE THICKNESS (GAUGE)	BOX QTY.
			(INCH)	(MM)		
GIN/00	44879	Standard	1-1/2	38	16	1200
*GIN/01	44880	Standard	1-1/2	38	18	1200
GIN/02	44881	Standard	1-1/2	38	21	1200
GIN/03	44882	Safety	1-13/32	36	18	1200

\* Best Seller



**GIN/01**  
Stainless Steel  
1-1/2" (38 mm)  
long needle

Protective plastic holder

**GIN/03**  
Stainless Steel  
1-13/32" (36 mm) long  
needle & aluminium  
holder

53

## Grease Gun Holder

GGH-01

Simple snap action clamps for safe storage of grease guns and suction guns

Manufactured from heavy gauge steel sheet with zinc plated finish

Mount on almost any surface



### ORDERING INFORMATION

CAT NR.	ORD NR.	SUITABLE FOR	BOX QTY.
GGH/01	44840	2-1/4" (57.15 mm) on guns suitable for 14 oz. (400 gm) cartridge	180

51

## Seal Off Dispenser

Used for lubricating cars with grease plugs

Oil & grease resistant rubber tip

For hand operated grease gun only



Replacement tip available as spare

### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
SOD/01/B	44870	1/8" BSPT	500
SOD/01/N	44871	1/8" NPT	500
TIP/SOD/01	44872	(Replacement Tip Only)	500

52

## Grease Gun Cartridge

Premium lithium red grease

NLGI Grade 2

Non messy, totally clean offering highest convenience in usage

Useful for all automotive, industrial, construction & agricultural applications

Recommended for use with GROZ grease guns



### ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
CTG/01P	45110	Grease Cartridge Capacity 14 oz (400 gms)	10

54

## Grease Gun Holder Heavy Duty

GGH-03

Heavy Duty Grease Gun holder, designed especially for use on farm & construction equipment, trailers, tractors & other automobiles in high vibration environment

Sturdy all steel construction with a 4 bolt design for convenient & secure mounting

Heavy Duty Spring

### Suitable for use with

1. 14 oz. (400 gm) capacity grease guns with a 2-1/4" (57.15 mm) dia.
2. 450 gm capacity grease gun with a 63.5 mm dia. popular in Australia & New Zealand



### ORDERING INFORMATION

CAT NR.	ORD NR.	SUITABLE FOR BARREL DIAMETER	BOX QTY.
GGH/03	44842	2-1/4" (57.15 mm) & 63.5 mm barrels	24



4 Bolt Design

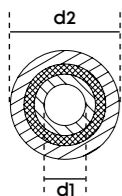
Supplied without grease gun



Grease flexible hoses allow greasing access to nipples with limited reach. Due to their flexible construction, these are used for greasing hard to reach grease fittings

Thermoplastic construction

- Inner diameter (d1): 0.14" (3.6 mm)
- Outer diameter (d2): 0.33" (8.5 mm)



Highly flexible with minimum bending radius of 1.57" (40 mm)

Zinc plated steel end connections with hydraulic crimping

For hand operated grease guns only

Also available

1. Hose fitted with spring guard
2. Hose fitted with professional 4 jaw coupler with ball check
3. Hose fitted with Swivel

### SPECIFICATIONS

WORKING PRESSURE	UPTO 3,500 PSI	UPTO 240 BAR
BURST PRESSURE	MIN. 11,600 PSI	MIN. 800 BAR

### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	CAT NR.	ORD NR.	LENGTH (END TO END)		BOX QTY.
						(INCH)	(MM)	
1/8" BSPT		M10 x 1		1/8" NPT				
STANDARD GREASE HOSE								
GHC-6/B	43600	GHC-6/M	43610	GHC-6/N	43620	6	150	1000
GHC-8/B	43601	GHC-8/M	43611	GHC-8/N	43621	8	200	500
GHC-9/B	43602	GHC-9/M	43612	GHC-9/N	43622	9	225	500
GHC-10/B	43603	GHC-10/M	43613	GHC-10/N	43623	10	250	300
*GHC-12/B	43604	GHC-12/M	43614	GHC-12/N	43624	12	300	300
*GHC-18/B	43605	GHC-18/M	43615	GHC-18/N	43625	18	450	200
GHC-20/B	43606	GHC-20/M	43616	GHC-20/N	43626	20	500	200

\* Best Seller



Standard Grease Hose

Hose With Professional 4 Jaw Coupler

Hose With Spring Guard

Hose With Swivel

Hose fitted with Professional 4 Jaw Coupler with Ball Check

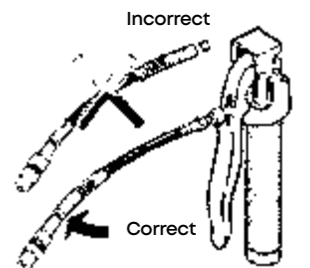
Hose fitted with heavy duty spring guard that imparts rigidity to the coupling end of the hose, allowing added safety & convenience in fit-ment

Other lengths can be custom manufactured

Hose fitted with swivel

### USEFUL TIPS!

Always buy a good quality hose. Accidents caused by poor quality hose can cause fatal injury



### WARNING

Never use beyond recommended working pressure

### ORDERING INFORMATION

CAT NR.	ORD NR.	LENGTH (END TO END)		THREADS	BOX QTY.
		(INCH)	(MM)		
HOSE WITH PROFESSIONAL 4 JAW COUPLER					
*GHC-12/HC/14/4/B	43630	12	300	1/8" BSPT	250
GHC-18/HC/14/4/B	43631	18	450	1/8" BSPT	250
*GHC-12/HC/14/4/M	43640	12	300	M10 x 1	250
GHC-18/HC/14/4/M	43641	18	450	M10 x 1	250
*GHC-12/HC/14/4/N	43650	12	300	1/8" NPT	250
*GHC-18/HC/14/4/N	43651	18	450	1/8" NPT	250

\* Best Seller

### ORDERING INFORMATION

CAT NR.	ORD NR.	LENGTH (END TO END)		THREADS	BOX QTY.
		(INCH)	(MM)		
HOSE WITH SPRING GUARD					
GHC-12/SPR/B	43660	12	300	1/8" BSPT	300
GHC-18/SPR/B	43661	18	450	1/8" BSPT	200
GHC-12/SPR/M	43670	12	300	M10 x 1	300
GHC-18/SPR/M	43671	18	450	M10 x 1	200
*GHC-12/SPR/N	43680	12	300	1/8" NPT	300
*GHC-18/SPR/N	43681	18	450	1/8" NPT	200

\* Best Seller

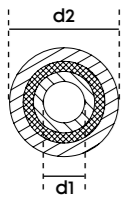
### ORDERING INFORMATION

CAT NR.	ORD NR.	LENGTH (END TO END)		THREADS	BOX QTY.
		(INCH)	(MM)		
HOSE WITH SWIVEL					
GHC-12/SW/B	43685	12	300	1/8" BSPT	250
GHC-18/SW/B	43688	18	450	1/8" BSPT	250
GHC-12/SW/M	43686	12	300	M10 x 1	250
GHC-18/SW/M	43689	18	450	M10 x 1	250
GHC-12/SW/N	43687	12	300	1/8" NPT	250
GHC-18/SW/N	43690	18	450	1/8" NPT	250



Superior Construction – Inner tubing is polyamide with polyurethane sheathing, reinforced diagonally in highly tear resistant polyester

- Inner diameter (d1): 0.16" (4.1 mm)
- Outer diameter (d2): 0.425" (11 mm)



Large inner diameter makes them ideal for use in cold weather

Heavy duty zinc plated end connections hydraulically crimped to the hose

Rolled threads for extra strength

For hand & air operated grease guns

Also available

1. Hose fitted with heavy-duty spring guard. Used primarily with Grease Control Valves
2. Hose fitted with professional 4 jaw coupler with ball check

#### SPECIFICATIONS

WORKING PRESSURE	UPTO 5,800 PSI	UPTO 400 BAR
BURST PRESSURE	MIN. 13,775 PSI	MIN. 950 BAR

#### ORDERING INFORMATION

CAT NR.	ORD NR.	LENGTH (END TO END)		THREADS	BOX QTY.
		(INCH)	(MM)		
<b>STANDARD GREASE HOSE</b>					
*GHC/HP-12/B	43700	12	300	1/8" BSPT	300
*GHC/HP-18/B	43701	18	450	1/8" BSPT	200
GHC/HP-20/B	43702	20	500	1/8" BSPT	200
*GHC/HP-12/M	43710	12	300	M10 x 1	300
*GHC/HP-18/M	43711	18	450	M10 x 1	200
*GHC/HP-20/M	43712	20	500	M10 x 1	200
GHC/HP-12/N	43720	12	300	1/8" NPT	300
*GHC/HP-18/N	43721	18	450	1/8" NPT	200
*GHC/HP-20/N	43722	20	500	1/8" NPT	200

\* Best Seller



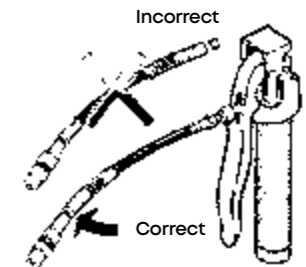
Standard Grease Hose

Hose With Professional 4 Jaw Coupler

Hose With Spring Guard

Hose fitted with Professional 4 Jaw Coupler with Ball Check

Hose fitted with heavy-duty spring guard. Used primarily with grease control valves



#### USEFUL TIPS!

Always buy a good quality hose. Accidents caused by poor quality hose can cause fatal injury

#### ORDERING INFORMATION

CAT NR.	ORD NR.	LENGTH (END TO END)		THREADS	BOX QTY.
		(INCH)	(MM)		
<b>HOSE WITH PROFESSIONAL 4 JAW COUPLER</b>					
*GHC/HP-12/HC/14/4/B	43730	12	300	1/8" BSPT	250
*GHC/HP-18/HC/14/4/B	43731	18	450	1/8" BSPT	250
*GHC/HP-12/HC/14/4/M	43740	12	300	M10 x 1	250
*GHC/HP-18/HC/14/4/M	43741	18	450	M10 x 1	250
*GHC/HP-12/HC/14/4/N	43750	12	300	1/8" NPT	250
*GHC/HP-18/HC/14/4/N	43751	18	450	1/8" NPT	250

\* Best Seller

#### ORDERING INFORMATION

CAT NR.	ORD NR.	LENGTH (END TO END)		THREADS	BOX QTY.
		(INCH)	(MM)		
<b>HOSE WITH SPRING GUARD</b>					
GHC/HP-12/SPR/B	43760	12	300	1/8" BSPT	200
GHC/HP-18/SPR/B	43761	18	450	1/8" BSPT	200
GHC/HP-12/SPR/M	43770	12	300	M10 x 1	200
GHC/HP-18/SPR/M	43771	18	450	M10 x 1	200
*GHC/HP-12/SPR/N	43780	12	300	1/8" NPT	200
*GHC/HP-18/SPR/N	43781	18	450	1/8" NPT	200

\* Best Seller

Other lengths can be custom manufactured

#### WARNING

Never use beyond recommended working pressure

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### Grease Gun Extension Flexible / Rigid



Grease Gun Extension with dual configuration  
 1. Rigid Steel extension 13" (330 mm) long  
 2. Flexible hose extension

Switch between the two by simply sliding the steel tube

Supplied complete with Grease Gun Coupler

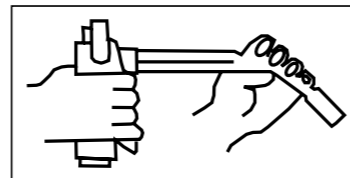
Ideal for use with Grease Control valves

For hand & air operated grease guns

**ORDERING INFORMATION**

CAT NR.	ORD NR.	THREADS	BOX QTY.
FRC/13/B	44810	1/8" BSPT	100
FRC/13/M	44811	M10 x 1	100
*FRC/13/N	44812	1/8" NPT	100

\* Best Seller



Switches with one hand

58

### Grease Gun Steel Extensions



Steel construction with bright zinc plated finish

High strength rolled threads on both ends

For hand operated grease guns only

**ORDERING INFORMATION**

CAT NR.	ORD. NR.	LENGTH (END TO END)		THREADS	BOX QTY.
		(INCH)	(MM)		
<b>BENT</b>					
GBP/6/B	44800	6	150	1/8" BSPT	500
GBP/6/M	44801	6	150	M10 x 1	500
GBP/6/N	44802	6	150	1/8" NPT	500
GBP/8/M	44804	8	200	M10 x 1	250
GBP/18/N	44809	18	450	1/8" NPT	100



CAT NR.	ORD. NR.	LENGTH (END TO END)		THREADS	BOX QTY.
		(INCH)	(MM)		
<b>STRAIGHT</b>					
GSP/4/B	44820	4	100	1/8" BSPT	500
GSP/4/M	44821	4	100	M10 x 1	500
GSP/4/N	44822	4	100	1/8" NPT	500
GSP/5/N	44823	5	125	1/8" NPT	500
GSP/6/B	44827	6	150	1/8" BSPT	500
GSP/6/N	44829	6	150	1/8" NPT	500
GSP/8/M	44817	8	200	M10 x 1	250

**Note**  
Other lengths can be custom built on request

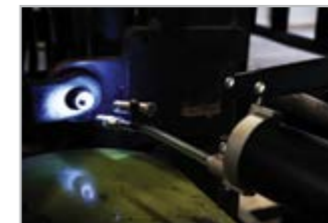
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### Grease Gun Light

Slim construction with a powerful LED

Fits both grease gun steel extensions & flexible hoses with ease

Includes 3 LR 41 button cells



**ORDERING INFORMATION**

CAT NR.	ORD NR.	BOX QTY.
LED/GGL/01	55015	500

60

### Air Bleeder Valves

ARV

Spare bleeder valves for grease guns

Available in manual & automatic versions

Vents air pockets in grease guns efficiently

Zinc plated finish

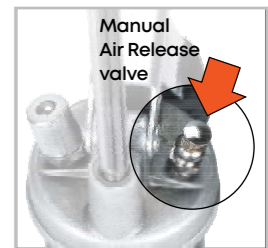


Manual

Automatic

**ORDERING INFORMATION**

CAT NR.	ORD NR.	THREADS
<b>MANUAL</b>		
ARV/01/B	44839	1/8" BSPT
ARV/01/M	44837	M10 x 1
ARV/01/N	44838	1/8" NPT
<b>AUTOMATIC</b>		
SA/ARV/G70/B	44897	1/8" BSPT
SA/ARV/G70/M	44898	M10 x 1
SA/ARV/G70/N	44899	1/8" NPT



Press down to release trapped air in grease

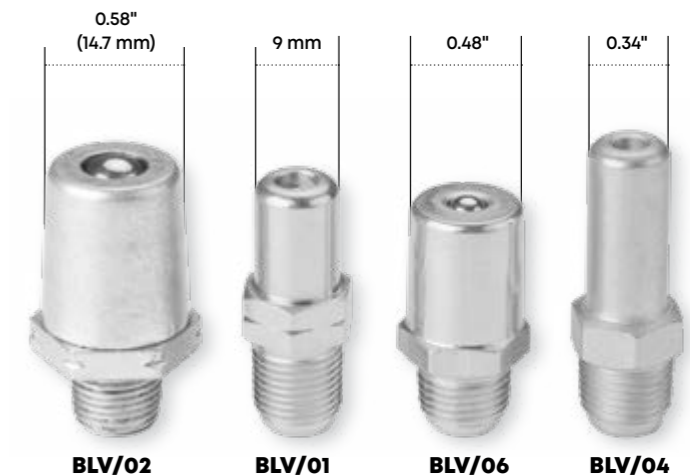
61

### Bulk Loaders/ Filler Nipples

Spare loader valves for bulk loading grease guns using filler pump

Built in ball check

Zinc plated finish



**ORDERING INFORMATION**

CAT NR.	ORD NR.	CAT NR.	ORD NR.	CAT NR.	ORD NR.	TYPE
<b>1/8" BSPT</b>		<b>M10 x 1</b>		<b>1/8" NPT</b>		
BLV/01/B	44830	BLV/01/M	44833	BLV/04/N	44835	Straight
BLV/02/B	44831	-	-	BLV/02/N	44834	Tapered
-	-	-	-	BLV/06/N	44836	Tapered

Used on GROZ Grease Guns as standard

Grease Feeders are used to provide single point controlled lubrication for all types of bearing housings

Eliminate difficulties arising due to over or under greasing

Working on a spring compression mechanism, the design regulates grease discharge in proportion to changing spring pressure, thus maintaining constant discharge pressure of 1-2 PSI

1/8" (M) steel adaptor at the tail end fits directly onto bearing housings

Can be mounted in any position for easy visual inspection of grease levels

Assembled with medium duty spring, the light & heavy duty springs come as spares in the pack and can be easily interchanged depending upon application

Reusable: Can be refilled easily with immediate activation

Thread converters & angle adaptors available as spares

Remote Refill kit also available that permits remote filling of grease from distances up to 3 meters (10')

### RECOMMENDED USE

- For use with NLGI 0 to 4 non separating grease on any equipment that
- has anti friction, oscillating or roller bearings
  - has shielded bearings with seals
  - has bronze, olite or open bearings
  - requires bearing flushing action

### WARNING

Do not use with ESTER based greases, synthetic greases such as aeroshell 33 grease, aeroshell 7 grease, skydrol products etc. These have an adverse effect on polycarbonate & can cause fogging, cracking & fracturing



### GFD/PP

DOME	Polycarbonate
BASE	Nylon
TEMPERATURE	-23°C to 121°C (-10°F to 250°F)
APPLICATION	Static Non Vibratory Conditions



### GFD/PA

DOME	Polycarbonate
BASE	Die Cast Aluminium
TEMPERATURE	-23°C to 121°C (-10°F to 250°F)
APPLICATION	Dynamic applications involving vibration & shocks



### GFD/PAN

DOME	Polycarbonate
BASE	Die Cast Aluminium with Nickel Plating
TEMPERATURE	-23°C to 121°C (-10°F to 250°F)
APPLICATION	Corrosive environment: Dynamic applications involving vibrations & shock: chemical plants, food industry etc.



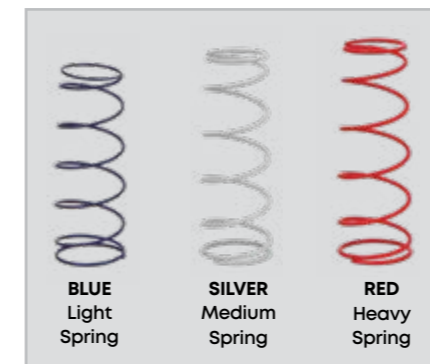
### GFD/BA

DOME	Tempered borosilicate with stainless steel cap
BASE	Aluminium
TEMPERATURE	-23°C to 232°C (-10°F to 450°F)
APPLICATION	Very high temperature applications: nuclear plants, steel mills, lumber drying kilns etc.

### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	BOWL CAPACITY		OPERATING CONDITION	OVERALL DIA.		OVERALL HEIGHT		BOX QTY.
				(OZ.)	(GMS)		(INCH)	(MM)	(INCH)	(MM)	
1/8" BSPT THREADS			1/8" NPT THREADS								
POLYCARBONATE BOWL & NYLON BASE											
GFD/PP/1/B	47700	GFD/PP/1/N	47720	1	28	Static	1-3/4	45	3-5/8	92	36
GFD/PP/2/B	47701	GFD/PP/2/N	47721	2	56	Static	2-3/8	60	4-5/8	117	36
GFD/PP/6/B	47702	GFD/PP/6/N	47722	6	170	Static	3	75	6"	150	32
POLYCARBONATE BOWL & ALUMINIUM BASE											
GFD/PA/1/B	47703	GFD/PA/1/N	47723	1	28	Dynamic	1-3/4	45	3-5/8	92	36
*GFD/PA/2/B	47704	*GFD/PA/2/N	47724	2	56	Dynamic	2-3/8	60	4-5/8	117	36
*GFD/PA/6/B	47705	*GFD/PA/6/N	47725	6	170	Dynamic	3	75	6"	150	32
POLYCARBONATE BOWL & NICKEL PLATED ALUMINIUM BASE											
GFD/PAN/1/B	47706	GFD/PAN/1/N	47726	1	28	Corrosive	1-3/4	45	3-5/8	92	36
GFD/PAN/2/B	47707	GFD/PAN/2/N	47727	2	56	Corrosive	2-3/8	60	4-5/8	117	36
GFD/PAN/6/B	47708	GFD/PAN/6/N	47728	6	170	Corrosive	3	75	6"	150	32
BOROSILICATE BOWL & ALUMINIUM BASE											
GFD/BA/4/B	47709	GFD/BA/4/N	47729	4	113	High Temperature / Nuclear Environments	3-1/4	82	7-1/8	181	10
REMOTE GREASE REFILL KIT											
GFD/RK/1	47790										20

\* Best Seller



### SPRING SELECTION GUIDE

OPERATING TEMPERATURE		NLGI GREASE TYPE				
FROM	TO	NO. 0	NO. 1	NO. 2	NO. 3	NO. 4
-23°C (-10°F)	4°C (40°F)	Blue	Silver	Red	-	-
4°C (40°F)	43°C (110°F)	Blue	Silver	Silver	Red	-
43°C (110°F)	93°C (200°F)	-	Blue	Silver	Silver	Red
93°C (200°F)	121°C (250°F)	-	-	Blue	Silver	Red



### SIZE SELECTION GUIDE

BEARING SHAFT DIA.	UPTO 1-1/2" (38 MM)				1-1/2" (38 MM) & OVER			
	INTERMITTENT		CONTINUOUS		INTERMITTENT		CONTINUOUS	
CLASS OF BEARING	OPEN	SEALED	OPEN	SEALED	OPEN	SEALED	OPEN	SEALED
UNDER 1000 RPM	1 OZ.	1 OZ.	1 OZ.	1 OZ.	2 OZ.	2 OZ.	2 OZ.	2 OZ.
1000 TO 2500 RPM	1 OZ.	1 OZ.	1 OZ.	1 OZ.	2 OZ.	2 OZ.	6 OZ.	6 OZ.
OVER 2500 RPM	2 OZ.	1 OZ.	2 OZ.	2 OZ.	6 OZ.	6 OZ.	6 OZ.	6 OZ.



IATF 16949 approved manufacturing

Available in a range of materials: EN-1A steel, 303 Stainless Steel, Brass etc.

Heat treated to SAE J534 specification with hardness on greasing end to a minimum of 83 on Rockwell 15N scale with a case depth of 0.005" (0.13 mm) to 0.009" (0.23 mm)

Fittings with ball check use heat treated springs for increased life

Steel fittings are plated zinc with a plating thickness of 0.0002" (5 microns) conforming to SAE J534 specification & have a guaranteed salt spray life of over 72 hours to red rust

Fitting profile & dimensions are accurately controlled & conform to SAE, DIN, BS, JIS & IS standards

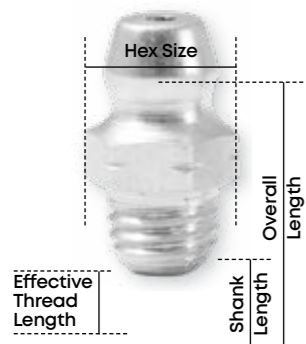
Plating conforms to relevant European standards

Also available 303 stainless steel fittings for marine applications

Available ready from stock in a large selection of popular types & sizes, with many more variations custom manufactured

### SPECIFICATIONS

PRESSURE	UPTO 6,000 PSI	UPTO 413 BAR
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### 1. STEEL FITTINGS

Grease Fittings Straight	Grease Fitting Angled - 30°
Grease Fitting Angled - 45°	Grease Fitting Angled - 65°
Grease Fitting Angled - 90°	Button Head Grease Fitting
Self Forming Threads	Drive Fittings

### 2. STAINLESS STEEL FITTINGS



### ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	DIMENSIONS (FOR GUIDANCE ONLY)				BOX QTY.
			EFFECTIVE THREAD LENGTH	SHANK LENGTH	OVERALL LENGTH	HEX SIZE	
<b>1. STEEL FITTINGS</b>							
<b>METRIC</b>							
<b>6.0MM x 1.0MM TAPER THREADS</b>							
*GFT/6/1	46200	Straight	3.75 mm min.	5.5 mm max.	16.0 mm max.	7.0 mm	4000
*GFT/6/1/45	46201	45°	4.5 mm min.	5.5 mm max.	21.0 mm max.	9.0 mm	2000
*GFT/6/1/90	46202	90°	4.5 mm min.	5.5 mm max.	18.0 mm max.	9.0 mm	2000
GFT/6/1L	46219	Straight	3.75 mm min.	5.5 mm max.	28.8 mm max.	7.0 mm	2000
<b>8.0 MM x 1.0 MM TAPER THREADS</b>							
*GFT/8/1	46220	Straight	5.5 mm min.	6.5 mm max.	16.0 mm max.	9.0 mm	4000
*GFT/8/1/45	46222	45°	3.75 mm min.	5.5 mm max.	21.0 mm max.	9.0 mm	2000
*GFT/8/1/90	46223	90°	3.75 mm min.	5.5 mm max.	18.0 mm max.	9.0 mm	2000
<b>8.0 MM X 1.25 MM TAPER THREADS</b>							
GFT/8/1.25	46221	Straight	3.75 mm min.	5.5 mm max.	17.0 mm max.	9.0 mm	4000
GFT/8/1.25/45	46224	45°	3.7 mm min.	5.5 mm max.	21.0 mm max.	9.0 mm	2000
GFT/8/1.25/90	46225	90°	3.7 mm min.	5.5 mm max.	18.0 mm max.	9.0 mm	2000
<b>10.0 MM x 1 MM TAPER THREADS</b>							
*GFT/10/1	46230	Straight	3.75 mm min.	5.5 mm max.	16.0 mm max.	11.0 mm	4000
*GFT/10/1/45	46231	45°	3.75 mm min.	5.5 mm max.	21.0 mm max.	11.0 mm	2000
*GFT/10/1/90	46232	90°	3.75 mm min.	5.5 mm max.	18.0 mm max.	11.0 mm	2000
<b>10.0 MM X 1.5 MM TAPER THREADS</b>							
GFT/10/1.5	46240	Straight	3.75 mm min.	5.5 mm max.	18.0 mm max.	11.0 mm	4000
GFT/10/1.5/45	46241	45°	3.75 mm min.	5.5 mm max.	21.0 mm max.	11.0 mm	2000
GFT/10/1.5/90	46242	90°	3.75 mm min.	5.5 mm max.	18.0 mm max.	11.0 mm	2000
<b>SAE-LT TAPER THREAD</b>							
<b>1/4" - 28 SAE-LT - TAPER THREAD</b>							
*GFT/1-4/28	46000	Straight	2.5 mm min.	4.6 mm	13.7 mm	5/16"	4000
GFT/1-4/28L	46002	Straight	5.1 mm min.	8.6 mm	17.3 mm	5/16"	4000
*GFT/1-4/28/45	46003	45°	2.5 mm min.	5.1 mm	20.8 mm	3/8"	2000
GFT/1-4/28/65	46005	65°	2.5 mm min.	5.1 mm	18.5 mm	3/8"	2000
*GFT/1-4/28/90	46006	90°	2.5 mm min.	5.1 mm	19.3 mm	3/8"	2000
<b>BSPT PIPE THREADS</b>							
<b>1/8" x 28 BSPT - PIPE THREADS</b>							
*GFT/R/1-8/28	46113	Straight	3.75 mm	5.5 mm	16.0 mm max.	11.0 mm	4000
GFT/R/1-8/28L	46116	Straight	6.5 mm	8.0 mm	20.0 mm max.	11.0 mm	2000
*GFT/R/1-8/28/45	46114	45°	3.75 mm	5.5 mm	21.0 mm max.	11.0 mm	2000
GFT/R/1-8/28/45L	46117	45°	6.5 mm	8.0 mm	26.3 mm	11.0 mm	2000
*GFT/R/1-8/28/90	46115	90°	3.75 mm	5.5 mm	18.0 mm	11.0 mm	2000
GFT/R/1-8/28/90L	46118	90°	6.5 mm	8.0 mm	21.4 mm	11.0 mm	2000
<b>1/4" x 19 BSPT - PIPE THREADS</b>							
*GFT/R/1-4/19	46103	Straight	4.2 mm	6.5 mm	17.5 mm	9/16"	2000
GFT/R/1-4/19/L	46106	Straight	9.2 mm	10.7 mm	23.5 mm	0.60"	2000
GFT/R/1-4/19/45	46104	45°	4.2 mm	6.5 mm	22.5 mm	9/16" or 14 mm	2000
GFT/R/1-4/19/90	46105	90°	4.2 mm	6.5 mm	22.0 mm	9/16" or 14 mm	2000

## Grease Fittings (continued)

CAT NR.	ORD NR.	DESCRIPTION	DIMENSIONS (FOR GUIDANCE ONLY)				BOX QTY.
			EFFECTIVE THREAD LENGTH	SHANK LENGTH	OVERALL LENGTH	HEX SIZE	
<b>NPT PIPE THREADS</b>							
<b>1/8" - 27 PIPE THREADS PTF - SPECIAL SHORT</b>							
GFT/1-8/27S	46046	Straight	4.0 mm min.	5.95 mm	14.3 mm	7/16"	4000
*GFT/1-8/27	46035	Straight	4.6 mm min.	7.1 mm	16.8 mm	7/16"	4000
GFT/1-8/27L	46037	Straight	5.6 mm min.	19.3 mm	32.0 mm	7/16"	4000
GFT/1-8/27/30	46040	30°	5.6 mm min.	7.6 mm	22.9 mm	7/16"	2000
*GFT/1-8/27/45	46041	45°	5.6 mm min.	7.6 mm	21.8 mm	7/16"	2000
*GFT/1-8/27/65	46042	65°	5.6 mm min.	7.6 mm	21.8 mm	7/16"	2000
*GFT/1-8/27/90	46044	90°	5.6 mm min.	7.6 mm	21.3 mm	7/16"	2000
<b>1/4" - 18 PIPE THREADS - SPECIAL EXTRA SHORT</b>							
*GFT/1-4/18	46020	Straight	6.0 mm min.	10.7 mm	22.0 mm	9/16"	2000
GFT/1-4/18/45	46022	45°	5.75 mm min.	9.27 mm	29.74 mm	9/16"	2000
*GFT/1-4/18/65	46021	65°	5.6 mm min.	8.7 mm	24.6 mm	9/16"	2000
GFT/1-4/18/90	46023	90°	5.75 mm min.	9.27 mm	24.0 mm	9/16"	2000
<b>PARALLEL THREADS</b>							
<b>UNF - PARALLEL THREADS</b>							
GFT/1-4/28-UNF	46500	Straight 1/4"-28	2.5 mm min.	4.6 mm	15.0 mm	8.0 mm	4000
GFT/5-16/24-UNF	46501	Straight 5/16"-24	4.0 mm min.	6.35 mm	16.7 mm	7/16"	4000
GFT/3-8/24-UNF	46503	Straight 3/8"-24	4.4 mm min.	6.8 mm	16.7 mm	7/16"	4000
<b>BSF - PARALLEL THREADS</b>							
GFT/1-4/26-BSF	46520	Straight 1/4"-26	2.0 mm min.	4.6 mm	13.9 mm	7.0 mm	4000
GFT/5-16/22-BSF	46521	Straight 5/16"-22	2.5 mm min.	5.5 mm	15.0 mm	9.0 mm	4000
GFT/3-8/20-BSF	46522	Straight 3/8"-20	3.7 mm min.	5.5 mm	18.0 mm max.	11.0 mm	4000
<b>SELF FORMING THREADS</b>							
<b>1/8" - 27 SPL. SELF FORMING THREADS</b>							
GFT/1-8/27/SFT	46070	Straight	3.6 mm min.	6.1 mm	15.7 mm	7/16"	4000
GFT/1-8/27/45/SFT	46071	45°	2.8 mm min.	5.1 mm	19.8 mm	7/16"	2000
GFT/1-8/27/90/SFT	46072	90°	2.8 mm min.	5.1 mm	19.3 mm	7/16"	2000
<b>1/4" - 28 SPL. SELF FORMING THREADS</b>							
GFT/1-4/28/SFT	46030	Straight	2.5 mm min.	5.1 mm	14.0 mm	5/16"	4000
GFT/1-4/28/45/SFT	46031	45°	2.5 mm min.	4.8 mm	20.3 mm	3/8"	2000
GFT/1-4/28/90/SFT	46032	90°	2.5 mm min.	4.8 mm	19.3 mm	3/8"	2000
<b>DRIVE FITTINGS</b>							
<b>DRIVE FITTINGS</b>							
GFT/DF/3-16	46300	For 3/16" Drill	N.A	6.35 mm	13.1 mm	Dia. 5/16" (7.94 mm)	4000
*GFT/DF/1-4	46304	For 1/4" Drill	N.A	6.35 mm	13.9 mm	Dia. 11/32" (8.73 mm)	4000
GFT/DF/5-16	46302	For 5/16" Drill	N.A	6.35 mm	13.9 mm	Dia. 3/8" (9.53 mm)	4000
<b>BUTTON HEAD GREASE FITTINGS</b>							
<b>PARALLEL THREADS</b>							
GFT/BHC/1-4/19	46400	1/4" x 19 BSPF	7.0 mm min.	10.7 mm	21.0 mm	15.24 mm	1000
GFT/BHC/1-8/28	46401	1/8" x 28 BSPF	4.0 mm min.	7.4 mm	15.3 mm	15.24 mm	1000
<b>TAPER THREADS</b>							
GFT/BHC/1-8/27	46420	1/8" - 27 PTF SAE spl. Short	4.76 mm min.	8.7 mm	19.0 mm	5/8"	1000
GFT/BHC/3-8/18	46421	3/8" - 18 NPTF	9.5 mm min.	12.3 mm	24.2 mm	3/4"	1000
GFT/BHC/1-4/18	46422	1/4" - 18 NPTF	6.75 mm min.	10.7 mm	21.0 mm	5/8"	1000

CAT NR.	ORD NR.	DESCRIPTION	DIMENSIONS (FOR GUIDANCE ONLY)				BOX QTY.
			EFFECTIVE THREAD LENGTH	SHANK LENGTH	OVERALL LENGTH	HEX SIZE	
<b>2. STAINLESS STEEL FITTING</b>							
<b>STAINLESS STEEL GREASE FITTINGS</b>							
<b>1/4" - 28 SAE-LT TAPER THREAD</b>							
GFT/SS/1-4/28	46600	Straight, 1/4" - 28 SAE LT	2.5 mm min.	4.6 mm	13.7 mm	5/16"	4000
GFT/SS/1-4/28/45	46601	45°, 1/4" - 28 SAE LT	2.5 mm min.	5.1 mm	20.8 mm	3/8"	2000
GFT/SS/1-4/28/90	46602	90°, 1/4" - 28 SAE LT	2.5 mm min.	5.1 mm	19.3 mm	3/8"	2000
<b>1/8" - 27 PIPE THREAD PTF</b>							
GFT/SS/1-8/27	46610	Straight, 1/8" - 27 PTF	4.6 mm min.	7.1 mm	16.8 mm	7/16"	4000
GFT/SS/1-8/27/45	46611	45°, 1/8" - 27 PTF	5.6 mm min.	7.6 mm	21.8 mm	7/16"	2000
GFT/SS/1-8/27/90	46612	90°, 1/8" - 27 PTF	5.6 mm min.	7.6 mm	21.3 mm	7/16"	2000
<b>1/4" - 18 PIPE THREADS</b>							
GFT/SS/1-4/18	46620	Straight, 1/4" - 18 PTF	6.0 mm min.	10.7 mm	22.0 mm	9/16"	1000
<b>1/8" X 28 BSPT - TAPER THREADS</b>							
GFT/SS/1-8/28	46640	Straight, 1/8" - 28 BSPT	3.75 mm min.	5.5 mm max.	16.0 mm max.	11.0 mm	4000
GFT/SS/1-8/28/45	46641	45°	3.75 mm min.	5.5 mm max.	21.0 mm max.	7/16"	2000
GFT/SS/1-8/28/90	46642	90°	3.75 mm min.	5.5 mm max.	18.0 mm max.		2000
<b>6.0 MM X 1.0 MM TAPER THREADS</b>							
GFT/SS/6/1	46630	Straight, M6 x 1	3.75 mm min.	5.5 mm max.	16.0 mm max.	7.0 mm	4000
GFT/SS/6/1/45	46631	45°	3.5 mm	5.5 mm	21.0 mm max.	23/64"	2000
GFT/SS/6/1/90	46632	90°	3.5 mm	5.5 mm	18.0 mm max.	23/64"	2000
<b>8.0 MM X 1.0 MM TAPER THREADS</b>							
GFT/SS/8/1	46633	Straight	3.5 mm	5.5 mm	16.0 mm max.	23/64"	4000
GFT/SS/8/1/45	46634	45°	3.5 mm	5.5 mm	21.0 mm max.	23/64"	2000
GFT/SS/8/1/90	46635	90°	3.5 mm	5.5 mm	18.0 mm	23/64"	2000
<b>10.0 MM X 1.0 MM TAPER THREADS</b>							
GFT/SS/10/1	46660	Straight	5.5 mm	6.5 mm	16 mm	7/16"	4000
GFT/SS/10/1/45	46661	45°	3.5 mm	5.5 mm	21.0 mm	7/16"	2000
GFT/SS/10/1/90	46662	90°	3.5 mm	5.5 mm	18.0 mm		2000

\* Best Seller



## 64 Grease Fittings Sets

GFT-KIT

### 40 PCS - SAE

SAE grease fittings packed to a plastic box



#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
GFT/KIT/SS/SAE-40	43982	25



THREAD SPEC.	STRAIGHT	45°	90°
1/8"-27 PTF	10	5	5
1/4"-28 SAE-LT	10	5	5

### 50 PCS - BSPT

BSPT grease fittings packed to a plastic box

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
* GFT/KIT/BSPT-50	43976	25

\* Best Seller



THREAD SPEC.	STRAIGHT	45°	90°
1/8"-28 BSPT	20	5	5
1/4"-19 BSPT	10	5	5

### 80 PCS - SAE

SAE grease fittings packed to a plastic box

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
* GFT/KIT/SAE-80	43972	25

\* Best Seller



THREAD SPEC.	STRAIGHT	45°	90°
1/8"-27 PTF	25	10	10
1/4"-28 SAE-LT	15	10	10

### 100 PCS - SAE

SAE grease fittings & caps packed to a plastic box

## NEW!

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
GFT/GC/KIT/SAE-100	43980	25

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
GFT/KIT/SAE-110	43970	25



THREAD SPEC.	STRAIGHT	45°	90°
1/8"-27 PTF	15	10	10
1/4"-28 SAE-LT	15	10	10
Grease Fitting Caps (Red) Extra Long	10		
Grease Fitting Caps (Yellow) Extra Long	10		
Grease Fitting Caps (Black) Extra Long	10		

### 110 PCS - SAE

SAE grease fittings packed to a plastic box

THREAD SPEC.	STRAIGHT	45°	90°
1/8"-27 PTF	30	15	15
1/4"-28 SAE-LT	20	15	15

### 44 PCS - METRIC

Metric grease fittings packed to a plastic box

THREAD SPEC.	STRAIGHT	45°	90°
M6 × 1	10	6	6
M8 × 1	6		6
M10 × 1	10		

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
* GFT/KIT/M-44	43981	25

\* Best Seller



### 80 PCS - METRIC

Metric grease fittings packed to a plastic box

THREAD SPEC.	STRAIGHT	90°
M6 × 1	20	10
M8 × 1	15	10
M10 × 1	15	10

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
* GFT/KIT/M-80	43973	25

\* Best Seller



### 101 PCS - METRIC

Metric grease fittings & grease fitting tools packed to a plastic box

THREAD SPEC.	STRAIGHT	45°	90°
M6 × 1	30	5	10
M8 × 1	14		5
M10 × 1	20	5	10
ESO/1, Easy Out Tool (Small)		1	
ESO/2, Easy Out Tool (Large)		1	

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
GFT/ESO/KIT/M-101	43978	25



### 110 PCS - METRIC

Metric grease fittings packed to a plastic box

THREAD SPEC.	STRAIGHT	90°
M6 × 1	30	20
M8 × 1	20	10
M10 × 1	20	10

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
GFT/KIT/M-110	43971	25



### 110 PCS - METRIC

Metric grease fittings packed to a plastic box

THREAD SPEC.	STRAIGHT	45°	90°
M6 × 1	20	15	15
M8 × 1	10	10	10
M10 × 1	10	10	10

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
GFT/KIT/M-110A	43991	25



### 60 PCS - SAE

SAE grease fittings & couplers packed to a plastic box

THREAD SPEC.	STRAIGHT	45°	90°
1/8"-27 PTF	15	4	4
1/4"-28 SAE-LT	25	4	4
HC/1/4/4/N, Prof. 4 Jaw Coupler		1	
HC/1/2/4/N, HD 4 Jaw Coupler		1	
HC/R/01/N, 90° Coupler		1	
DNN/1-8/N, Needle Nose Dispenser		1	

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
KIT/GFT/SAE-60	43984	25



### 60 PCS - METRIC

Metric grease fittings & couplers packed to a plastic box

THREAD SPEC.	STRAIGHT	90°
M6 x 1	20	4
M8 x 1	12	4
M10 x 1	12	4
HC/1/4/4/N, Prof. 4 Jaw Coupler		1
HC/1/2/4/N, HD 4 Jaw Coupler		1
HC/R/01/N, 90° Coupler		1
DNN/1-8/N, Needle Nose Dispenser		1

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
KIT/GFT/M-60	43983	25



### 65 PCS - SAE

SAE grease fittings & assortments packed to a plastic box

THREAD SPEC.	STRAIGHT	45°	90°
1/8"-27 PTF	15	5	5
1/4"-28 SAE-LT	15	5	5
ESO/1, Easy Out Tool (Small)		1	
ESO/2, Easy Out Tool (Large)		1	
Grease Fitting Caps (Red) Extra Long		5	
Grease Fitting Caps (Yellow) Extra Long		5	
HC/1/4/4/N, Professional 4 Jaw Coupler		2	
THT/01, Grease Fitting Thread Tester		1	

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
GFT/KIT/ULT/SAE-65	43985	25



Thread Tester



### 100 PCS - METRIC

Metric grease fittings & caps packed to a plastic box

THREAD SPEC.	STRAIGHT	90°
M6 x 1	15	10
M8 x 1	15	5
M10 x 1	15	10
Grease Fitting Caps (Red) Extra Long		10
Grease Fitting Caps (Yellow) Extra Long		10
Grease Fitting Caps (Black) Extra Long		10

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
GFT/GC/KIT/M-100	43979	25



### 101 PCS - SAE

SAE grease fittings & grease fitting tools packed to a plastic box

THREAD SPEC.	STRAIGHT	30°	45°	65°	90°
1/8"-27 PTF	22	5	10	10	10
1/4"-28 SAE-LT	22		10		10
ESO/1, Easy Out Tool (Small)		1			
ESO/2, Easy Out Tool (Large)		1			

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
GFT/ESO/KIT/SAE-101	43977	25



### 65 PCS - SAE+METRIC

Metric, SAE grease fittings & assortments packed to a plastic box

THREAD SPEC.	STRAIGHT	90°
1/8"-27 PTF	10	5
1/4"-28 SAE-LT	10	5
M6 x 1	10	
M8 x 1	10	
ESO/1, Easy Out Tool (Small)	1	
ESO/2, Easy Out Tool (Large)	1	
Grease Fitting Caps (Red) Extra Long	5	
Grease Fitting Caps (Yellow) Extra Long	5	
HC/1/4/4/N, Professional 4 Jaw Coupler	2	
THT/01, Grease Fitting Thread Tester	1	

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
GFT/KIT/ULT/SM-65	43986	25



Thread Tester



### 140 PCS - BSPT+UNF

UNF & BSPT grease fittings packed to a plastic box

THREAD SPEC.	STRAIGHT	90°
1/4"-28 UNF	40	20
5/16"-24 UNF	10	10
1/8"-28BSPT	40	20

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
GFT/KIT/UNBS/140	43992	25



### 194 PCS - SAE

SAE grease fittings & assortments packed to a metal box

THREAD SPEC.	STRAIGHT	30°	45°	65°	90°
1/8" - 27 PTF	36	12	12	12	12
1/4" - 28 SAE	24	-	12	-	12
ESO/1, Easy Out Tool ( Small )	1				
ESO/2, Easy Out Tool ( Large )	1				
Grease Fitting Caps (Red) Standard	10				
Grease Fitting Caps (Green) Standard	10				
Grease Fitting Caps (Blue) Standard	10				
Grease Fitting Caps (Black) Standard	10				
Grease Fitting Caps (White) Standard	10				
Grease Fitting Caps (Yellow) Standard	10				

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
GFT/TW/ESO/KIT/SAE-194	43993	8



### 134 PCS - SAE

SAE grease fittings & assortments packed to a metal box

THREAD SPEC.	STRAIGHT	30°	45°	65°	90°
1/8" - 27 PTF	36	12	12	12	12
1/4" - 28 SAE	24	-	12	-	12
ESO/1, Easy Out Tool ( Small )	1				
ESO/2, Easy Out Tool ( Large )	1				

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
GFT/TW/ESO/KIT/SAE-134	43994	8



65

## Greasing Adaptors & Elbows

ADP



Very useful steel fittings used to adapt a threaded fitting to a different size opening thread

Steel construction with zinc plated finish for increased resistance to corrosion

### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BODY	ANGLE	SHANK LENGTH	OVERALL LENGTH	BOX QTY.
					(INCH)	(INCH)	
<b>ADAPTORS</b>							
ADP/H/1-4F/1-8F	46800	1/8"-27 (F) × 1/4"-28 (F)	Hex	Straight	1/2	21/32	1000
ADP/H/1-4M/1-8F	46801	1/8"-27 (F) × 1/4"-28 (M)	Hex	Straight	1/2	7/8	1000
ADP/S/1-8M/1-8F	46802	1/8"-27 (F) × 1/8"-27 (M)	Square	Straight	1/2	7/8	1000
<b>ELBOWS</b>							
ADP/S/45/1-8M/1-8F	46803	1/8"-27 (F) × 1/8"-27 (M)	Square	45°	1/2	1	1000
ADP/R/45/1-4M/1-8F	46804	1/8"-27 (F) × 1/4"-28 (M)	Rounded	45°	1/4	13/16	1000
ADP/S/90/1-4M/1-8F	46805	1/8"-27 (F) × 1/4"-28 (M)	Square	90°	1/2	13/16	1000
ADP/S/90/1-8M/1-8F	46806	1/8"-27 (F) × 1/8"-27 (M)	Square	90°	1/2	1	1000



### SPECIFICATIONS

PRESSURE	UPTO	UPTO
	6,000 PSI	413 BAR

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## Grease Fitting Thread Tester

THT

Great tool box accessory to sort out mixed fittings

Aluminum construction with mounting holes

### DESIGNED TO CHECK 21 MOST POPULAR THREAD TYPES:

THREAD TYPE	SIZE		
	1/8"	1/4"	3/8"
NPT			
METRIC	M6 × 1	M6 × 0.75	
METRIC	M8 × 1	M8 × 1.25	
METRIC	M10 × 1	M10 × 1.5	
BSPT	1/8"	1/4"	
UNF/ANF	1/4"	5/16"	3/8"
BSW	1/4"	5/16"	1/2" 3/8"
BSF	3/16"	1/4"	5/16"



### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
THT/01	44895	100

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## Grease Fitting Unblocker

GFU

Very useful tool to open clogged grease fittings and loosen hardened grease joints. Excellent for maintaining and protecting bearings, control arms, joints, king pins, etc.

All steel construction.

Designed to be tapped with a hammer to force a light viscosity oil through the tool into the coupler & finally into the grease joint, breaking up and removing dirt and debris

Built-in hand guard for added safety in use

Flexible hose attachment reaches fittings in difficult areas

Complete with grease coupler and 2 spare seals for replacing the piston seals as they wear out

### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
GFU/01	44894	60



68

## Grease Fitting Installer 'Drive Fit'

FTS

FTA

Specialty tools for installing straight & angled drive-fit grease fittings into untapped holes

Steel construction in zinc plated finish



### ORDERING INFORMATION

CAT NR.	ORD NR.	FITTING TYPE	BOX QTY.
FTS/01	44892	Straight	100
FTA/01	44893	Angled	100

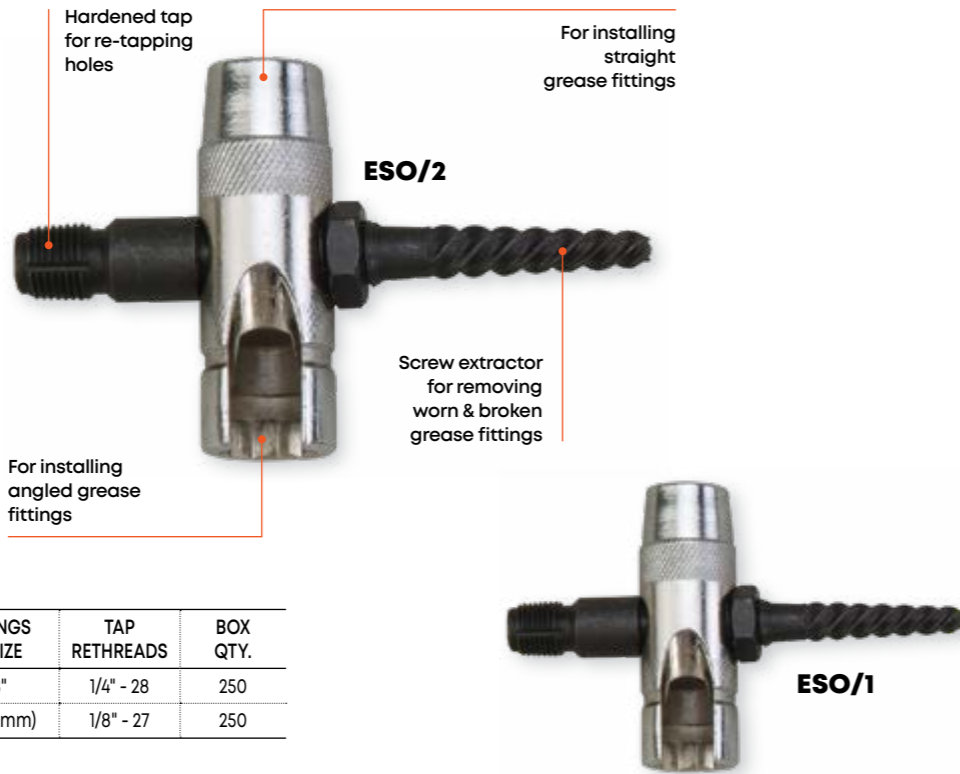
# 69

## Easy Out Tools

ESO

- Handy, dual purpose tools for
- Removing worn and broken grease fittings
  - Re-tapping holes for installing new grease fittings

Works both with straight & angled fittings



### ORDERING INFORMATION

CAT NR.	ORD NR.	TYPE	OPENS FITTINGS WITH HEX SIZE	TAP RETHREADS	BOX QTY.
★ ESO/1	44890	Small	5/16" & 3/8"	1/4" - 28	250
★ ESO/2	44891	Large	3/8" & 7/16" (11 mm)	1/8" - 27	250

★ Best Seller



# 70

## Greasing Fitting Caps

GFT-CAP

Plastic caps for grease fittings are an easy way to keep contaminants out.

### Plastic caps are used to:

- Keep contaminants out
- Colour code greasing points based on type & frequency of greasing

Designed with an inbuilt collar, these are most convenient in use & fit directly onto the greasing end of the fitting

Made from a special plastic, these adjust to minor variations in fitting head diameter, as well as variations in temperature & practically fit all standard fittings designed for use with jaw type couplers

### Available in a choice of 2 types:

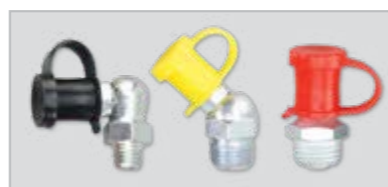
1. Extra long
2. Standard



### STANDARD

### ORDERING INFORMATION

CAT NR.	ORD NR.	COLOUR	BOX QTY.
PACK OF 50			
CAP/GFT/BL/ST-50	46700	Black	500
CAP/GFT/RD/ST-50	46701	Red	500
CAP/GFT/YE/ST-50	46702	Yellow	500
CAP/GFT/BU/ST-50	46703	Blue	500
CAP/GFT/WH/ST-50	46704	White	500
CAP/GFT/GN/ST-50	46705	Green	500



### EXTRA LONG

### ORDERING INFORMATION

CAT NR.	ORD NR.	COLOUR	BOX QTY.
PACK OF 10			
CAP/SM/GFT/BL/ST10	46720	Black	500
CAP/SM/GFT/RD/ST10	46725	Red	500
CAP/SM/GFT/YE/ST10	46722	Yellow	500
CAP/SM/GFT/BU/ST10	46721	Blue	500
CAP/SM/GFT/WH/ST10	46723	White	500
CAP/SM/GFT/GN/ST10	46724	Green	500

# 71

## Quick Connect Adaptors

### QUICK CONNECTION SYSTEM

#### Quick Connect!

#### Connect or disconnect with a snap!

A simple and effective system that renders versatility to Grease Guns

Greasing in inaccessible, difficult to reach areas becomes very convenient with the use of any of the Quick Link accessories. No threads, no screwing or unscrewing, just snap on and use on sealed bearings, U-joints, high-pressure insert fittings and recessed fittings

Ready to use range is detailed in the following pages. Various other combinations, however can be devised based on specific application and need

The system is suitable for use with hand operated grease guns only



#### STEP 1

Retract sleeve of the quick connect system



#### STEP 2

Snap on the system by simply "Plugging On" the grease fitting to the coupler



#### STEP 3

Ensure that the quick connect system is secure



#### STEP 4

Release the sleeve of the quick connect system. The sleeve automatically slides over the coupler to encase it securely

To disconnect, simply reverse the operation

For hand operated grease gun only

# Quick Connect Adaptors (Continued)

## DNN/1-8/90/Q



### Quick Connect Right Angled Needle Nose Dispenser

For dispensing a fine line of grease. The right angled design allows convenient access in shoulders & other confined areas



#### ORDERING INFORMATION

CAT NR.	ORD. NR.	BOX QTY.
DNN/1-8/90/Q	44913	100

## HC/14/4/90/Q



### Quick Connect Right Angled Grease Coupler

Right angle coupler fitted onto the quick disconnect adaptor. For quickly converting regular couplers for greasing fittings with limited access, in low height areas etc. Fits straight onto the grease gun coupler



#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
HC/14/4/90/Q	44912	100

## ALA-01



### Professional 90° Angled Lube Adaptor

For greasing inaccessible grease fittings in shoulders and other confined areas

**Greasing End Diameter**  
0.19" (4.9 mm)



#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
ALA/01	44922	100

## ANN-4



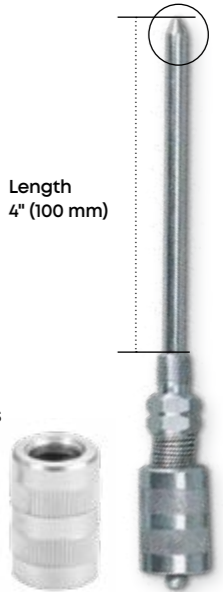
### Needle Nose Adaptor

Useful for dispensing a fine line of grease through the needle nose in greasing hard to reach fittings on trucks, vans, and recreational vehicles

Supplied with a small and a large locking sleeve to fit all couplers

**Tip**  
0.046" (1.17 mm)

**Needle Diameter**  
1/4" (6.35 mm)



#### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
* ANN/4	44905	1/8" NPT	250

\* Best Seller

## GIN/01/Q



### Quick Connect Grease Injector Needle

Useful for lubricating in very tight spaces such as sealed bearings, universal joints etc. Comes complete with protective plastic holder



#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
GIN/01/Q	44914	100

## RLA-01



### Professional Recessed Lube Adaptor

For push on greasing of recessed fittings where obstructions would not permit the use of a regular hydraulic coupler

**Tip**  
1/4" (6.35 mm)

**Body Diameter**  
0.31" (8 mm)



#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
RLA/01	44921	100

## AQD



### Needle Nose Adaptor

Useful for dispensing a fine line of grease through the needle nose for greasing hard to reach fittings on trucks, vans & recreational vehicles

Supplied with a small and a large locking sleeve to fit all couplers. Also available with protective shroud

**Tip**  
0.046" (1.17 mm)

**Needle Diameter**  
0.187" (4.76 mm)



#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
AQD/11-16/B	44902	200
AQD/11-16/N	44903	200
AQD/11-16S/B (WITH SHROUD)	44904	200

## ANN/1-1-2

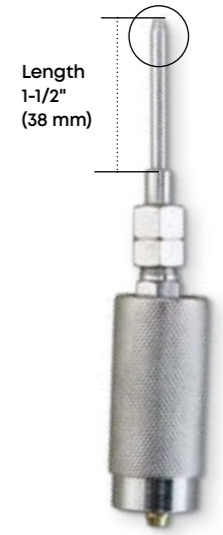


### Professional Narrow Needle Nose Adaptor

Designed for greasing flush or hard to reach hydraulic type fittings in inaccessible areas

**Tip**  
0.059" (1.2 mm)

**Needle Diameter**  
0.156" (3.96 mm)



#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
* ANN/1-1-2	44920	100

\* Best Seller

## Quick Connect Adaptors (Continued)

### GBP/6/HC/14/4/Q



#### Coupler to Coupler Extension

6" (150 mm) angled delivery tube and 4 jaw professional coupler fitted onto the quick disconnect adaptor & serves as length extension

Fits straight onto the grease gun coupler.

Supplied with a small & large locking sleeve to fit all couplers

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
GBP/6/HC/14/4/Q	44906	250



### HC/SW/3/Q



#### Professional 360° Swivel Coupler

Useful for effective lubrication of difficult & hard to reach grease fittings. Coupler swivels in full 360° circle & can be locked at intervals of 45°

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
HC/SW/3/Q	44911	50



### HC/R/01/Q



#### Regular Coupler to Right Angled Coupler

Right angle coupler fitted onto the quick disconnect adaptor

For converting regular couplers for greasing fittings with limited access, in low height areas etc.

Fits straight onto the grease gun coupler

Supplied with a small & large locking sleeve to fit all couplers

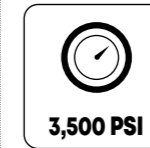
#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
* HC/R/01/Q	44908	250

\* Best Seller



### GHC/GIN/Q



#### Quick Connect Grease Hose & Needle

Converts jaw type coupler to a grease injector needle for greasing in tight spaces eg. universal joints & sealed bearings

Hose enables access onto hard to reach fittings.

Supplied with a small & large locking sleeve to fit all couplers

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
GHC/GIN/Q	44875	200



### SOD/01/Q



#### Jaw type Coupler to Seal Off Dispenser

Seal Off Dispenser fitted onto the quick disconnect adaptor.

For converting regular couplers for lubricating automobiles with grease plugs etc.

Fits straight onto the grease gun coupler

Supplied with a small & large locking sleeve to fit all couplers

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
SOD/01/Q	44909	250



### POC-1Q



#### Jaw Type Coupler to Button Head Coupler

Push on button head coupler fitted onto the quick disconnect adaptor.

Converting jaw type couplers to button head coupler for use on 5/8" (16 mm) button head grease fittings.

Fits straight onto the grease gun coupler

Supplied with a small & large locking sleeve to fit all couplers

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
POC/01/Q	44907	250



### GHC-12/SPR/W/ADP



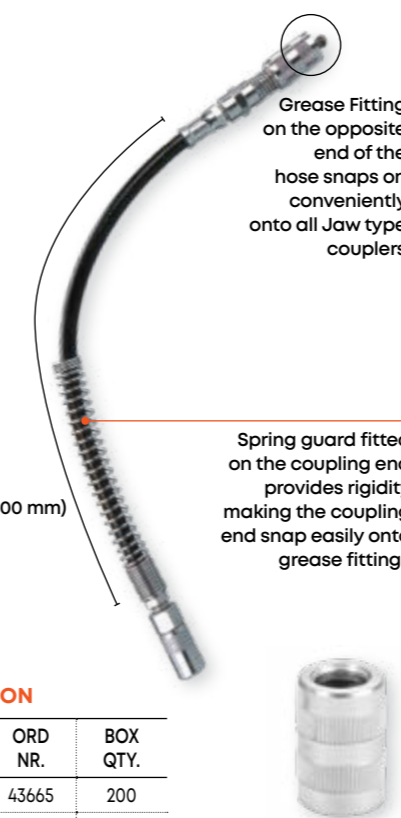
#### Quick Connect Hose

The Quick Connect Hose converts steel extension coupler assembly on grease guns to a flexible hose and allows the gun to be used for greasing hard to reach fittings.

Supplied with a small & large locking sleeve to fit all couplers

#### ORDERING INFORMATION

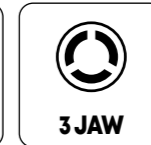
CAT NR.	ORD NR.	BOX QTY.
GHC-12/SPR/W/ADP/BSP	43665	200
GHC-12/SPR/W/ADP/N	43675	200



Grease Fitting on the opposite end of the hose snaps on conveniently onto all Jaw type couplers

Spring guard fitted on the coupling end provides rigidity making the coupling end snap easily onto grease fittings

### HC-90Q



#### Quick Connect Coupler 90°

Coupler jaws fit perfectly on the grease fitting leaving hands free

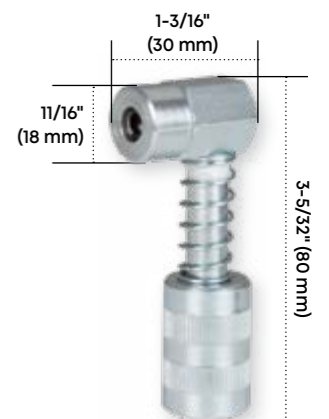
3 jaw construction

Designed for 90° access, very useful for greasing fittings in low height vehicles, shoulders etc.

Fits all standard hand operated grease guns

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
HC/90/Q	44916	250



**NEW!**

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**Grease Gun Swivel**

SWV



Grease Gun extension swivel threaded 1/8" Male x 1/8" Female

Female end of the swivel fits onto the Grease Gun extension & male end onto the Grease Gun coupler, enabling unrestricted movement without any bending, twisting or kink

All steel construction in plated finish

For hand operated grease gun only

**ORDERING INFORMATION**

CAT NR.	ORD NR.	THREADS	BOX QTY.
SWV/1-8M/1-8F/B	44885	1/8" BSPT	500
SWV/1-8M/1-8F/M	44886	M10 x 1	500
SWV/1-8M/1-8F/N	44887	1/8" NPT	500

**SPECIFICATIONS**

PRESSURE	UPTO	UPTO
	3,500 PSI	240 BAR



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**Grease Gun Swivel High Pressure**

SWV-HP



Grease Gun extension swivel designed for high pressure applications

All steel construction. Female end of the swivel fits onto the grease gun extension & male end onto the grease gun outlet, enabling unrestricted movement without any bending, twisting or kink

Hexagonal nut for easy tightening

For hand, air & battery operated grease gun

**ORDERING INFORMATION**

CAT NR.	ORD NR.	THREADS
SWV/HP/1-8M/1-8F/B	44874	1/8" BSPT
SWV/HP/1-8M/1-8F/M	44883	M10 x 1
SWV/HP/1-8M/1-8F/N	44884	1/8" NPT

**SPECIFICATIONS**

PRESSURE	UPTO	UPTO
	10,000 PSI	690 BAR



**NEW!**



No twisting or kinking of hose

74

**Quick Disconnect Adaptor**

AQD

Adaptor with grease fitting on one end and male threads on the other

Threaded end can be screwed onto any dispenser with 1/8" female threads, thus allowing for quick connect greasing applications

Supplied with a small and large locking sleeve to fit most couplers



Supplied with a small & large locking sleeve to fit all couplers



**ORDERING INFORMATION**

CAT NR.	ORD NR.	THREADS	BOX QTY.
AQD/11-16/UF/B	44900	1/8" BSPT	250
AQD/11-16/UF/N	44901	1/8" NPT	250

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**Steel Bearing Packers Deluxe**

BEP-01

BEP-625

Rugged steel Bearing Packers

Useful for greasing bearings in cars, boats, tractors, RV's etc

**BEP-625**

- Rapid action Bench Type Bearing Packer
- Non threaded top cone for fast placement of bearings
- Design incorporates grease nipple on the outer shaft, which easily adapts to the grease gun coupler
- Suited for bearings with a min. inner dia. of 1/2" (12 mm), to a max. outer dia. of 6" (150 mm) and height from 3/8" (10 mm) to 2" (50 mm)
- For use with standard grease guns

**BEP-01**

- Bearing Packer with threaded center post
- Design incorporates grease nipple at one end, which easily adapts to the grease gun coupler.
- Suited for bearings with a min. inner dia. of 1/2" (12 mm), to a max. outer dia. of 5" (125 mm) and height from 1/4" (6 mm) to 2" (50 mm)
- For use with standard grease guns



BEP-625



BEP-01

**ORDERING INFORMATION**

CAT NR.	ORD NR.	BOX QTY.
BEP/01	44845	30
BEP/625	44847	12

Light-weight and handy, portable Bearing Packer

Mess and hassle free solution for quick removal of old grease and replacement with new grease

Designed for use on bearings with:

- Minimum dia. of 1-3/4" (45mm)
- Maximum dia. 3-1/2" (90 mm)

#### Using the bearing packer

Simple hand press mechanism eliminates the need for any grease gun or pump to grease the bearing

Useful for greasing bearings in cars, boats, tractors, RV's etc

**NEW!**



Place bearing on piston  
Maximum bearing dia. 3-1/2" (90mm)



Press the cap until the old grease is forced out and new grease shows on the bearing

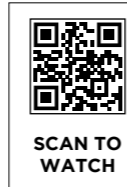
#### USEFUL TIPS!

Always use recommended grade of grease. Some grades of grease cannot handle temperature of wheel bearing applications

Do not use compressed air for cleaning the bearing prior to use with the bearing packer. This is unsafe and could damage the race

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
BEP/10	44940	25



Cap protects grease from contaminants

The Ezee-Lube kit comprises of a range of quick connect lube accessories. Useful for even the most difficult greasing jobs.

The constituents convert any grease gun fitted with jaw type coupler into special application greasing. This helps in effective lubrication of grease plugs, sealed bearings, push on greasing of recessed fittings or fittings in shoulders, low height areas or an extension for reaching those "deep" places



#### KIT CONSTITUENTS

<b>RLA/01</b> Reccessed Lube Adaptor (Quick Connect)	<b>GIN/01</b> 1-1/2" x 18 gauge Grease Injector Needle (Quick Connect)	<b>ALA/01</b> 90° Angled Lube Adaptor (Quick Connect)	<b>ANN/1-1-2</b> 1-1/2" (38 mm) Narrow Needle Nose Adaptor (Quick Connect)
<b>SOD/01/Q</b> Seal Off Dispenser (Quick Connect)	<b>HC/R/01/Q</b> Right Angled Coupler (Quick Connect)	<b>GHC-12/SPR/W/ADP</b> 16" (400 mm) Hose (Quick Connect)	

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
GAK/7	44950	25



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**Greasing Accessory Kit Premium**

GAK-P

Grease Gun Accessories, engineered to withstand rugged use in garages, workshops, construction sites, agricultural and marine applications

Versatile kit consist of professional use greasing attachments that fit most grease guns, hydraulic couplers, grease pumps and other grease dispensing equipment

Constituents safely stored in a heavy-duty blow moulded, easy to carry case

**NEW!**



**KIT CONSTITUENTS**


**ORDERING INFORMATION**

CAT NR.	ORD NR.	THREADS
GAK/P1/8ST/B	44961	1/8" BSPT
GAK/P1/8ST/M	44960	M10 x 1
GAK/P1/8ST/N	44959	1/8" NPT

79

**Greasing Accessory Kit Standard**

GAK-E

Grease Gun Accessories for everyday lubrication in garages, workshops, construction sites, agricultural and marine applications

Kit consist of common greasing attachments that fit most grease guns, hydraulic couplers, grease pumps and other grease dispensing equipment

Constituents safely stored in a heavy-duty blow moulded, easy to carry case

**NEW!**



**KIT CONSTITUENTS**


**ORDERING INFORMATION**

CAT NR.	ORD NR.	THREADS
GAK/E1/11ST/B	44964	1/8" BSPT
GAK/E1/11ST/M	44963	M10 x 1
GAK/E1/11ST/N	44962	1/8" NPT

High Pressure Grease pumps with guaranteed performance & hassle free operation

Pump dispenses grease at pressures upto 50 times the air inlet pressure

Designed to work in tough conditions - these are ideal for use in Industry, Workshop, Farm, Construction or as part of the Mobile Grease System

All metal construction, fully CNC machined with hardened wear resistant moving parts

Reciprocating piston operated 2-1/2" (63 mm) dia. air motor

Fitted with strainer at suction tube inlet for clean grease to the bearing

Supplied complete with drum cover, rubber lined follower plate, 7' (84") of high pressure grease hose, swivel & professional grease control valve

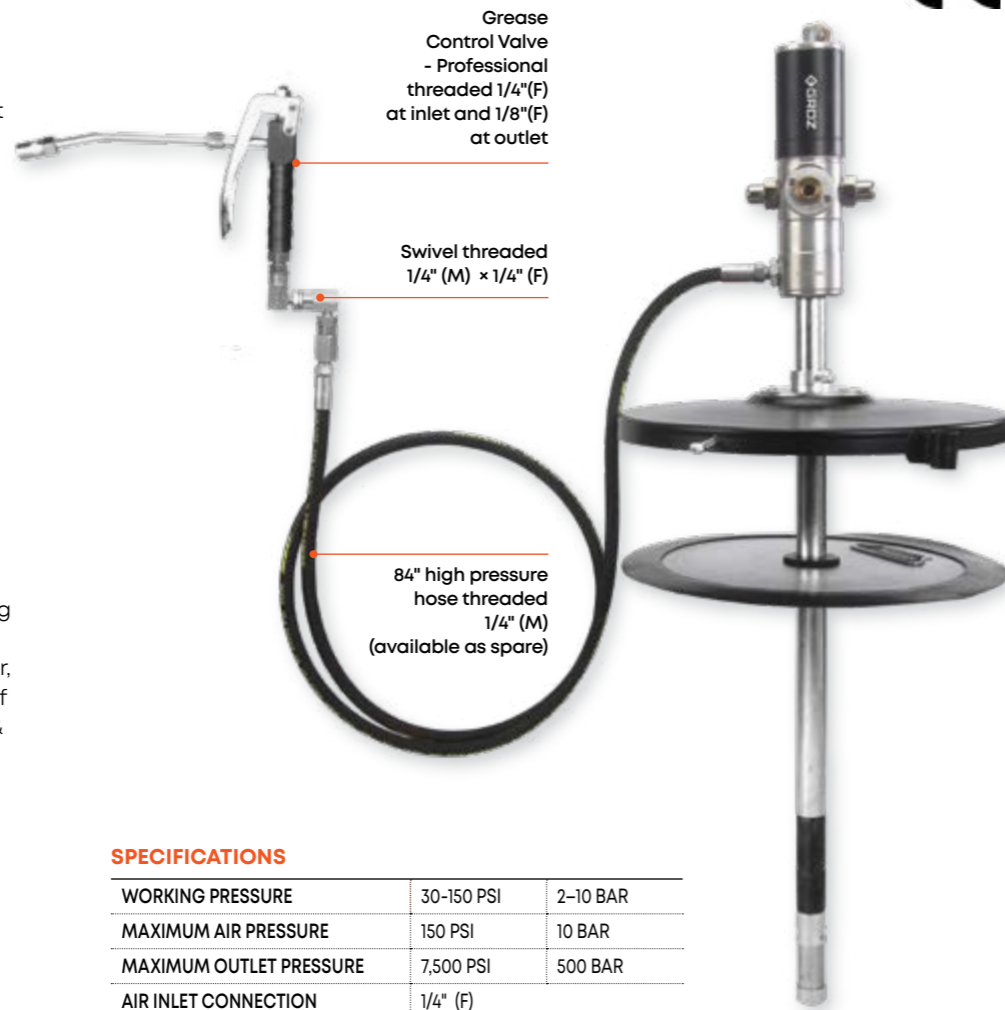
Portable version available with built-in steel drum, complete with wheels & pull handle

#### WETTED COMPONENTS

Steel, Brass, Aluminium, Polyurethane & Nitrile Rubber

#### RECOMMENDED USE

With light and self collapsing grease up to NLGI No. 2



#### SPECIFICATIONS

WORKING PRESSURE	30-150 PSI	2-10 BAR
MAXIMUM AIR PRESSURE	150 PSI	10 BAR
MAXIMUM OUTLET PRESSURE	7,500 PSI	500 BAR
AIR INLET CONNECTION	1/4" (F)	
PUMP OUTLET CONNECTION	1/4" (F)	
AIR CONSUMPTION	61 GPM	230 LPM
GREASE OUTPUT (MAX.)	2.42 LBS/MIN.	1.10 KG/MIN.
NOISE LEVEL	81 db	

#### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	FITS	DRUM COVER DIAMETER	FOLLOWER PLATE DIMENSIONS						BOX QTY.	
						O.D. STEEL END		O.D. PLATE		I.D. GROMMET			
BSP THREADS		NPT THREADS		(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)		
<b>PUMP ASSEMBLY</b>													
GP0/ST/501/BSP	45409	-	-	12.5 kg drums	11	284	9-3/64	230	10-1/8	257	1.16	29.5	3
GP1/ST/501/BSP	45410	*GP1/ST/501/N	45415	25-50 lb / 5 gal. / 20-30 kg pails	12	310	9-1/2	241	11-11/32	288	1.16	29.5	3
GP2/ST/501/BSP	45411	*GP2/ST/501/N	45416	120 lb / 16 gal. / 50-60 kg pails	15	381	12-11/16	322	15	380	1.16	29.5	3
GP3/ST/501/BSP	45412	GP3/ST/501/N	45417	400lb / 180 kg drums	24-1/2	612	21-5/8	550	23-11/16	602	1.16	29.5	2
◆ GP4/ST6-501/BSP*	45422	-	-	25-50 lb / 5 gal. / 20-30 kg pails	13	330	10.25	260	12	305	1.16	29.5	-

\* Best Seller ◆ New

\* Comes with a straight swivel

#### VARIANTS

<b>GP0</b> For 12.5 kg pails Suction Tube: 17-5/16" (440 mm)	<b>GP1</b> For 20 kg / 25-50 lbs / 5 gal. pails Suction Tube: 17-5/16" (440 mm)	<b>GP2</b> For 50 kg / 120 lbs / 16 gal. pails Suction Tube: 28-3/4" (730 mm)	<b>GP3</b> For 180 kg drums / 400 lbs Suction Tube: 37-3/8" (950 mm)
<b>NEW!</b> 			
<b>GP4</b> For 20-30 kg grease drums Suction Tube: 17-5/16" (440 mm) <b>Popular in Europe</b>	<b>BGRP/15</b> Portable grease pump with built-in 15 kg grease bucket	<b>BGRP/30</b> Portable grease pump with built-in 30 kg grease bucket	<b>BGRP/50</b> Portable grease pump with built-in 50 kg grease bucket

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BUCKET CAPACITY	BOX QTY.
		(KG)	
<b>PORTABLE AIR OPERATED GREASE PUMP ASSEMBLY WITH BUCKET</b>			
* BGRP/15	45432	15	1
* BGRP/30	45430	30	1
* BGRP/50	45431	50	1

\* Best Seller

#### WARNING

Pump must be supplied with clean & dry compressed air via an FR unit

World-class Industrial High Pressure Grease pumps with guaranteed performance & hassle free operation

Pump dispenses grease at pressures upto 60 times the air inlet pressure

Designed to work in tough conditions - these are ideal for use in Industry, Workshop, Farm, Construction or as part of a Mobile Grease System

For use even in very cold weather conditions to unclog choked grease fittings

All metal construction, fully CNC machined with hardened wear resistant moving parts

Reciprocating piston operated 2-3/4" (70 mm) dia. air motor

Fitted with strainer at suction tube inlet for clean grease to the bearing

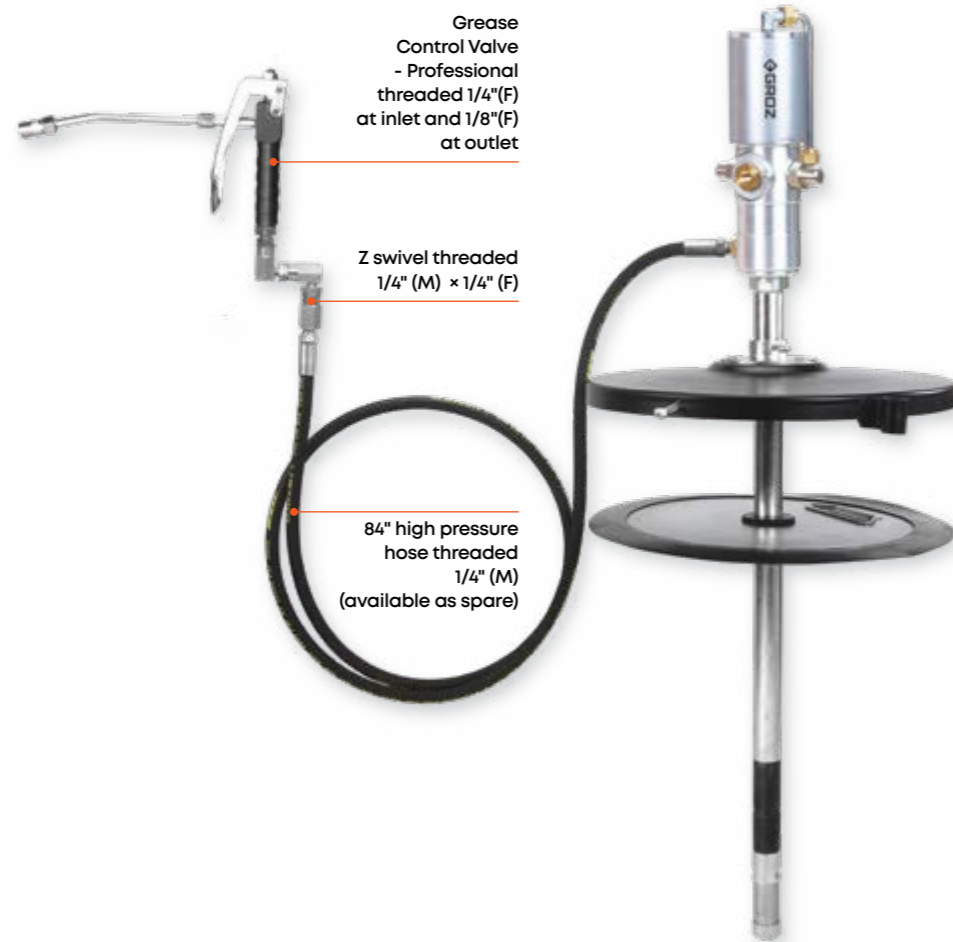
Supplied complete with drum cover, rubber lined follower plate, 7' (84") of high pressure grease hose, Z swivel & grease control valve

#### WETTED COMPONENTS

Steel, Brass, Aluminium, Polyurethane & Nitrile Rubber

#### RECOMMENDED USE

With light and self collapsing grease up to NLGI No. 2



Grease Control Valve - Professional threaded 1/4"(F) at inlet and 1/8"(F) at outlet

Z swivel threaded 1/4" (M) x 1/4" (F)

84" high pressure hose threaded 1/4" (M) (available as spare)

#### VARIANTS

<b>GP1</b> For 20-30 kg / 25-50 lbs / 5 gal. pails. Suction Tube: 17-5/16" (440 mm)	<b>GP2</b> For 50-60 kg / 120 lbs / 16 gal. pails Suction Tube: 28-3/4" (730 mm)	<b>GP3</b> For 180 kg drums / 400 lbs Suction Tube: 37-3/8" (950 mm)

#### WARNING

Pump must be supplied with clean & dry compressed air via an FR unit

#### SPECIFICATIONS

WORKING PRESSURE	30-150 PSI	2-10 BAR
MAXIMUM AIR PRESSURE	150 PSI	10 BAR
MAXIMUM OUTLET PRESSURE	9000 PSI	600 BAR
AIR INLET CONNECTION	1/4" (F)	
PUMP OUTLET CONNECTION	1/4" (F)	
AIR CONSUMPTION	61 GPM	230 LPM
GREASE OUTPUT (MAX.)	2.2 LBS/MIN.	1 KG/MIN.
NOISE LEVEL	81 db	

#### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	FITS	DRUM COVER DIAMETER		FOLLOWER PLATE DIMENSIONS						BOX QTY.	
					(INCH)	(MM)	O.D. STEEL END		O.D. PLATE		I.D. GROMMET			
BSP THREADS		NPT THREADS												
PUMP ASSEMBLY														
GP1/ST/601/BSP	45880	GP1/ST/601/N	45890	20-30 kg / 25-50 lb / 5 gal. pails	12	310	9-1/2	241	11-11/32	288	1.16	29.5	1	
GP2/ST/601/BSP	45881	GP2/ST/601/N	45891	50-60 kg / 120 lb / 16 gal. pails	15	381	12-11/16	322	15	380	1.16	29.5	1	
GP3/ST/601/BSP	45882	GP3/ST/601/N	45892	180 kg / 400lb drums	24-1/2	612	21-5/8	550	23-11/16	602	1.16	29.5	1	

Compact Air Operated 50:1 Grease Ratio Pump

Can operate on small compressors

Ideal for applications having continuous need for high pressure grease in Industry, Workshops, Farm etc.

**Zinc construction makes them suitable for mining applications**

**Non corroding air motor**

- Design allows the pump to be used without an air line lubricator
- 2.83" (72 mm) dia. air motor

**Pressure Release Valve**

Prevents pump & system against damage due to excessive pressure by thermal expansion

Grease strainer at suction tube inlet, prevents contamination

Complete with drum cover, rubber lined follower plate, 7' (84") high pressure grease hose, Z swivel & professional grease control valve

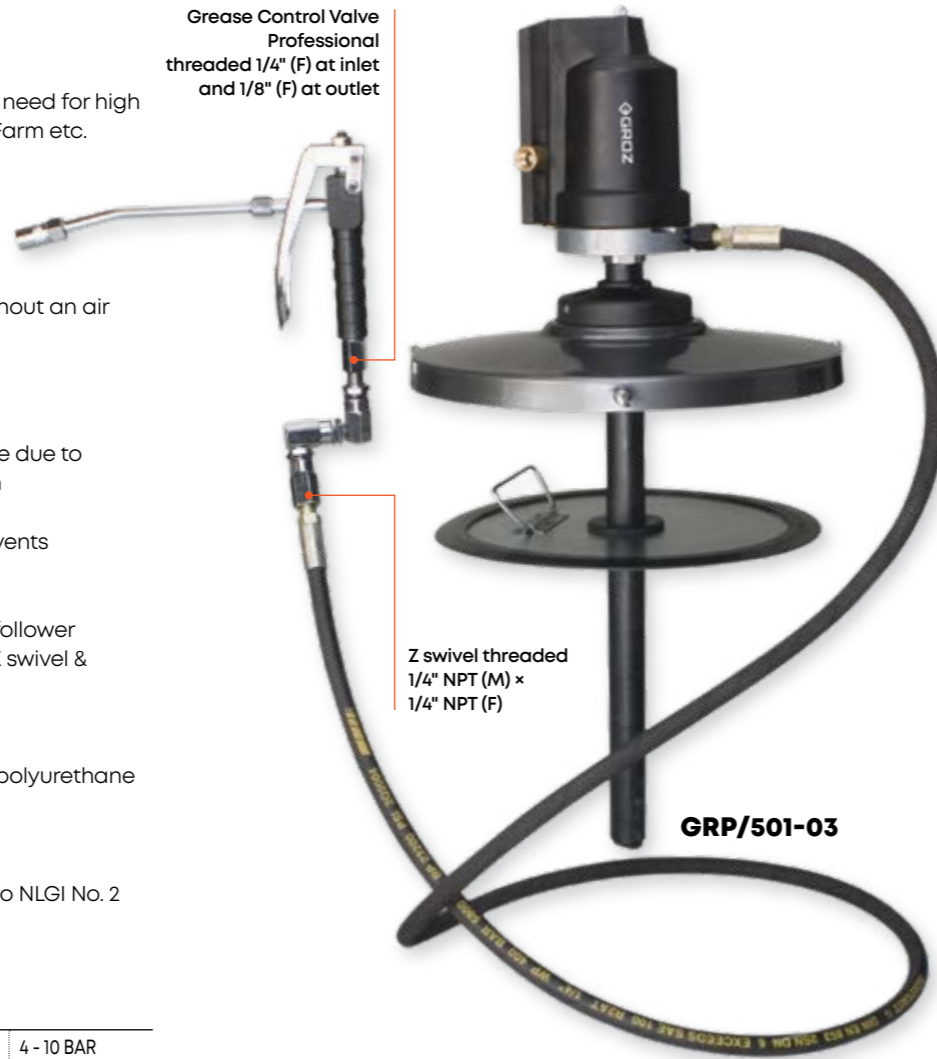
**WETTED COMPONENTS**

Zinc, chrome plated steel, brass, nitrile & polyurethane rubber

**RECOMMENDED USE**

With light and self collapsing grease up to NLGI No. 2

Grease Control Valve Professional threaded 1/4" (F) at inlet and 1/8" (F) at outlet



Z swivel threaded 1/4" NPT (M) x 1/4" NPT (F)

GRP/501-03

**WARNING**

Pump must be supplied with clean & dry compressed air via an FR unit

**SPECIFICATIONS**

WORKING PRESSURE	60-150 PSI	4 - 10 BAR
MAXIMUM AIR PRESSURE	150 PSI	10 BAR
MAXIMUM OUTLET PRESSURE	7,500 PSI	10 BAR
AIR INLET CONNECTION	1/4" NPT (F)	
PUMP OUTLET CONNECTION	1/4" NPT (F)	
AIR CONSUMPTION	72 GPM	270 LPM
GREASE OUTPUT (MAX.)	1 LB./MIN.	0.460 KG/MIN.
NOISE LEVEL	85 db	

**ORDERING INFORMATION**

CAT NR.	ORD NR.	FITS	DRUM COVER DIAMETER		FOLLOWER PLATE DIMENSIONS						BOX QTY.
					O.D. STEEL END		O.D. PLATE		I.D. GROMMET		
(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)		
<b>PUMP ASSEMBLY</b>											
* GRP/501/03	45400	20 kg / 25-50 lb / 5 gal. pails	12	310	9-1/2	241	11-11/32	288	1.08	27.5	4
* GRP/501/04	45401	50 kg / 120 lb / 16 gal pails	15	381	12-11/16	322	15	380	1.08	27.5	4
* GRP/501/08	45402	180 kg / 400 lbs / 55 gal pails	24-1/2	622	21-5/8	550	23-11/16	602	1.08	27.5	3
<b>SPARE HOSE</b>											
* HOS/GRP/84/N	44346	High pressure spare hose	84" x 1/4" NPT (M)								-

\* Best Seller

Heavy Duty Industrial grade pneumatic pump designed for unmatched performance in demanding conditions

Particularly suitable for grease distribution in pipe-works & installations where simultaneous grease supply is required on different dispensing points at high pressure or in large volume

Pump dispenses grease at 50 times the air inlet pressure

All metal construction, fully CNC machined with hardened wear resistant moving parts

Reciprocating piston operated 3" (76 mm) dia. air motor

Stall free, ice free motor with tough durable housing, integrated muffler for quiet operation

**Rugged Design**

Very few moving parts hence requires virtually no servicing

No special maintenance tools needed

No fragile trip rods

Supplied complete with drum cover, rubber lined follower plate, 10' (120") of high pressure grease hose, Z swivel & professional grease control valve

**WETTED COMPONENTS**

Steel, Polyurethane, Nitrile Rubber, C.R.C. Sheet, Copper, PTFE

**RECOMMENDED USE**

NLGI 1, 2, 3

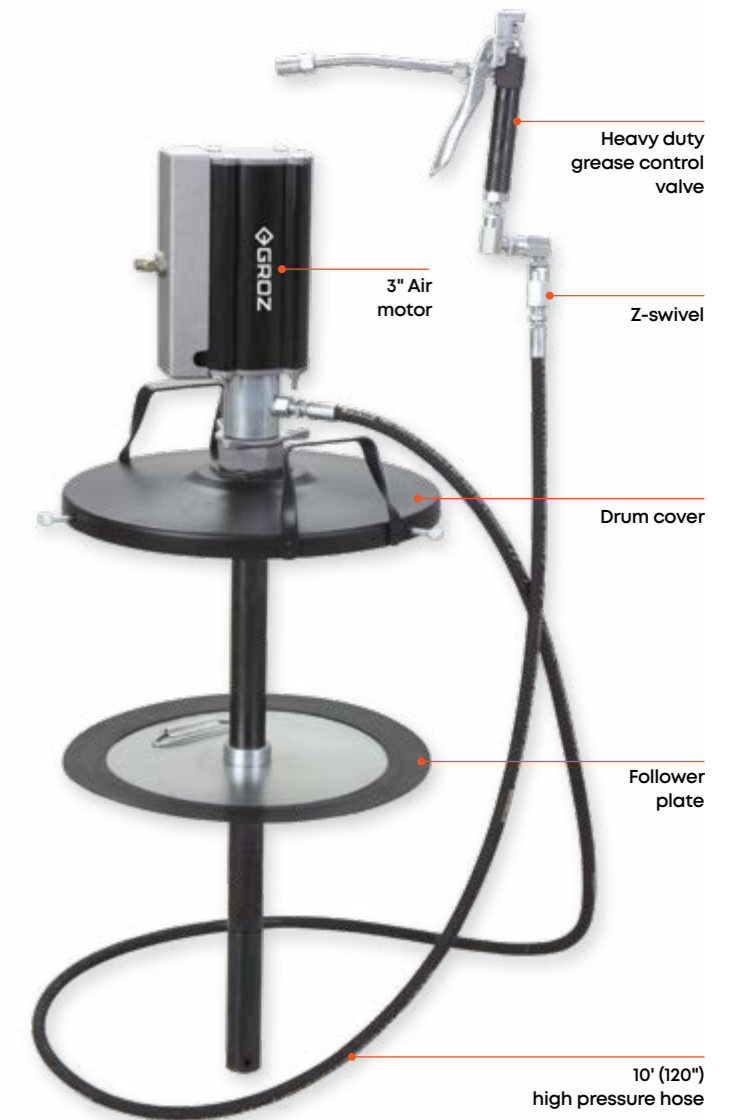
**SPECIFICATIONS**

WORKING PRESSURE	30-150 PSI	2-10 BAR
MAX. OUTLET PRESSURE	7500PSI	500 BAR
AIR INLET CONNECTION	1/4" (F)	
PUMP OUTLET CONNECTION	1/4" (F)	
AIR CONSUMPTION	13 CFM	
*GREASE OUTPUT (MAX.)	7.2 LB./MIN.	3.3 KG/MIN.
NOISE LEVEL	85-90 db	

\* In free flow

**ORDERING INFORMATION**

CAT NR.	ORD NR.	CAT NR.	ORD NR.	FITS	DRUM COVER DIAMETER		FOLLOWER PLATE DIMENSIONS				BOX QTY.
							O.D. STEEL END		O.D. PLATE		
BSP THREADS		NPT THREADS		(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)		
GPH/1/ST/BSP	45470	GPH/1/ST/N	45476	20-30 kg / 25-50 lb / 5 gal. pails	12	310	9-1/2	241	11-11/32	288	1
GPH/2/ST/BSP	45471	GPH/2/ST/N	45477	50-60 kg / 120 lb / 16 gal. pails	15	381	12-11/16	322	15	380	1
GPH/3/ST/BSP	45472	GPH/3/ST/N	45478	180 kg / 400lb drums	24-1/2	612	21-5/8	550	23-11/16	602	1



Heavy duty grease control valve

3" Air motor

Z-swivel

Drum cover

Follower plate

10' (120") high pressure hose

Trolley mounted kits are ideal for use in workshops, garages, shop floors providing complete portability for everyday lubrication needs



### TMK-GP1

#### KIT INCLUDES

<b>A</b>	<b>50:1 Air Operated Grease Pump</b>
<b>B</b>	<b>Grease Control Valve</b> Fitted with 360° Z swivel for trouble free dispensing
<b>C</b>	<b>Connecting Hose</b> 84" x 1/4" I.D. (2m x 6.5 mm I.D.) - SAE R2
<b>D</b>	<b>Steel Drum Cover</b> 12" (310 mm) Prevents impurities from contaminating grease and keeps pump in vertical position
<b>E</b>	<b>Rubber Lined Follower Plate</b> O.D. Steel End: 9-1/2" (241 mm) O.D. Plate: 11-11/32" (288 mm) I.D. Grommet: 1-3/16" (29.5 mm)
<b>F</b>	<b>Drum Trolley - Heavy Duty</b> Manufactured from 4 mm thick steel sheet in powder coated finish Front Wheels: 6" (150 mm) polyurethane with nylon rim Rear castors with toe lock
<b>G</b>	<b>*Filter-Regulator Combination &amp; Lubricator with Pressure Gauge (FRCLM)</b> Port Size: 1/4" Type: Miniature Filter: 40 micron

\*On selected models



#### WETTED COMPONENTS

Steel, Brass, Aluminium, Polyurethane & Nitrile Rubber

#### RECOMMENDED USE

With light and self collapsing grease up to NLGI No. 2

#### ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	THREADS	BOX QTY.
TMK/GP1/A/BSP	45820	Pump kit with FRCLM unit	1/8" BSPT	1
TMK/GP1/A/N	45825	Pump kit with FRCLM unit	1/8" NPT	1
TMK/GP1/B/BSP	45823	Pump kit without FRCLM unit	1/8" BSPT	1
TMK/GP1/B/N	45827	Pump kit without FRCLM unit	1/8" NPT	1

#### SPECIFICATIONS

WORKING PRESSURE	30-150 PSI	2-10 BAR
MAX. AIR PRESSURE	150 PSI	10 BAR
MAX. OUTLET PRESSURE	7,500 PSI	500 BAR
AIR INLET CONNECTION	1/4" (F)	
PUMP OUTLET	1/4" (F)	
AIR CONSUMPTION	72 GPM	270 LPM
NOISE LEVEL	85 db	
GREASE OUTPUT (MAX.)	2.42 lbs./min.	1.1 kg/min.
FOR USE WITH	35 lbs. drums	20-30 kg drums

### TMK-GP2

#### KIT INCLUDES

<b>A</b>	<b>50:1 Air Operated Grease Pump</b>
<b>B</b>	<b>Grease Control Valve</b> Fitted with 360° Z swivel for trouble free dispensing
<b>C</b>	<b>Connecting Hose</b> 84" x 1/4" I.D. (2m x 6.5 mm I.D.) - SAE R2
<b>D</b>	<b>Steel Drum Cover</b> 15" (381 mm) Prevents impurities from contaminating grease and keeps pump in vertical position
<b>E</b>	<b>Rubber Lined Follower Plate</b> O.D. Steel End: 12-11/16" (322 mm) O.D. Plate: 15" (380 mm) I.D. Grommet: 1-3/16" (29.5 mm)
<b>F</b>	<b>Drum Trolley - Heavy Duty</b> Manufactured from 4 mm thick steel sheet in powder coated finish Front Wheels: 6" (150 mm) polyurethane with nylon rim Rear castors with toe lock
<b>G</b>	<b>*Filter-Regulator Combination &amp; Lubricator with Pressure Gauge (FRCLM)</b> Port Size: 1/4" Type: Miniature Filter: 40 micron

\*On selected models



NEW!



#### WETTED COMPONENTS

Steel, Brass, Aluminium, Polyurethane & Nitrile Rubber

#### RECOMMENDED USE

With light and self collapsing grease up to NLGI No. 2

#### ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	THREADS	BOX QTY.
TMK/GP2/A/BSP	45821	Pump kit with FRCLM unit	1/8" BSPT	1
TMK/GP2/A/N	45826	Pump kit with FRCLM unit	1/8" NPT	1
TMK/GP2/B/BSP	48910	Pump kit without FRCLM unit	1/8" BSPT	1
TMK/GP2/B/N	48911	Pump kit without FRCLM unit	1/8" NPT	1

#### SPECIFICATIONS

WORKING PRESSURE	30-150 PSI	2-10 BAR
MAX. AIR PRESSURE	150 PSI	10 BAR
MAX. OUTLET PRESSURE	7,500 PSI	500 BAR
AIR INLET CONNECTION	1/4" (F)	
PUMP OUTLET	1/4" (F)	
AIR CONSUMPTION	72 GPM	270 LPM
NOISE LEVEL	85 db	
GREASE OUTPUT (MAX.)	2.42 lbs./min.	1.1 kg/min.
FOR USE WITH	120 lbs. drums	50-60 kg drums

# Grease Pump Kits (Continued)

TMK-GP3H

TMK1-GP3

## TMK-GP3H

### KIT INCLUDES

<b>A</b>	<b>50:1 Air Operated Grease Pump</b>
<b>B</b>	<b>Grease Control Valve</b> With Z swivel for trouble free dispensing
<b>C</b>	<b>Grease Hose Reel - Heavy Duty Dual Arm Steel Reel</b> Hose I.D.: 1/4" (6.35 mm) Maximum Pressure: 5800 PSI (400 BAR)
<b>D</b>	<b>Steel Drum Cover</b> 24-1/2" (612 mm) Prevents contamination of grease and keeps pump in vertical position
<b>E</b>	<b>Rubber Lined Follower Plate</b> O.D. Steel End: 21-5/8" (550 mm) O.D. Plate: 23-11/16" (602 mm) I.D. Grommet: 1-3/16" (29.5 mm)
<b>F</b>	<b>Drum Trolley - Heavy Duty</b> Manufactured from 4 mm thick steel sheet in powder coated finish Front Wheels: 6" (150 mm) polyurethane with nylon rim Rear castors with toe lock
<b>G</b>	<b>Filter-Regulator Combination with Pressure Gauge (FRC)</b> Port Size: 1/4" Type: Miniature Filter: 40 micron
<b>H</b>	<b>Feeder Hose</b> Connects pump outlet to the hose reel inlet Length: 1.5m (5')



### WETTED COMPONENTS

Steel, Brass, Aluminium, Polyurethane & Nitrile Rubber

### RECOMMENDED USE

With light and self collapsing grease up to NLGI No. 2

### ORDERING INFORMATION

CAT NR.	ORD NR.	HOSE LENGTH		THREADS	BOX QTY.
		(M)	(FEET)		
TMK/GP3H-10/A/BSP	45824	10	32	1/8" BSPT	1
TMK/GP3H-10/A/N	45829	10	32	1/8" NPT	1
TMK/GP3H/A/BSP	45822	15	50	1/8" BSPT	1
TMK/GP3H/A/N	45826	15	50	1/8" NPT	1

### SPECIFICATIONS

WORKING PRESSURE	30-150 PSI	2-10 BAR
MAX. AIR PRESSURE	150 PSI	10 BAR
MAX. OUTLET PRESSURE	7,500 PSI	500 BAR
AIR INLET CONNECTION	1/4" (F)	
PUMP OUTLET	1/4" (F)	
AIR CONSUMPTION	72 GPM	270 LPM
NOISE LEVEL	85 db	
GREASE OUTPUT (MAX.)	2.42 LBS./MIN.	1.1 KG/MIN.
FOR USE WITH	400 LBS. DRUMS	180 KG DRUMS

## TMK1-GP3

### KIT INCLUDES

<b>A</b>	<b>50:1 Air Operated Grease Pump</b>
<b>B</b>	<b>Grease Control Valve</b> With Z swivel for trouble free dispensing
<b>C</b>	<b>Connecting Hose</b> 84" x 1/4" I.D. (2m x 6.5 mm I.D.) - SAE R2
<b>D</b>	<b>Steel Drum Cover</b> 24-1/2" (612 mm) Prevents contamination of grease and keeps pump in vertical position
<b>E</b>	<b>Rubber Lined Follower Plate</b> O.D. Steel End: 21-5/8" (550 mm) O.D. Plate: 23-11/16" (602 mm) I.D. Grommet: 1-3/16" (29.5 mm)
<b>F</b>	<b>Drum Cart</b> Manufactured from thick steel sheet in powder coated finish Front Wheels: 10" (250 mm) wide Rear castors with toe lock 5" nylon



### WETTED COMPONENTS

Steel, Brass, Aluminium, Polyurethane & Nitrile Rubber

### RECOMMENDED USE

With light and self collapsing grease up to NLGI No. 2

### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
TMK1/GP3/B/BSP	45860	1/8" BSPT	1
TMK1/GP3/B/N	45865	1/8" NPT	1

### SPECIFICATIONS

WORKING PRESSURE	30-150 PSI	2-10 BAR
MAX. AIR PRESSURE	150 PSI	10 BAR
MAX. OUTLET PRESSURE	7,500 PSI	500 BAR
AIR INLET CONNECTION	1/4" (F)	
PUMP OUTLET	1/4" (F)	
AIR CONSUMPTION	72 GPM	270 LPM
NOISE LEVEL	85 db	
GREASE OUTPUT (MAX.)	2.42 LBS./MIN.	1.1 KG/MIN.
FOR USE WITH	400 LBS. DRUMS	180 KG DRUMS

## Grease Pump Kits (Continued)

TMK1-GP3H

TMK2-GP1

### TMK1-GP3H

#### KIT INCLUDES

<b>A</b>	<b>50:1 Air Operated Grease Pump</b>
<b>B</b>	<b>Grease Control Valve</b> Fitted with 360° Z swivel for trouble free dispensing
<b>C</b>	<b>Grease Hose Reel - Heavy Duty Dual Arm Steel Reel</b> Hose I.D.: 1/4" (6.35 mm) Hose Length: 15 meter (50') Maximum Pressure: 5800 PSI (400 BAR)
<b>D</b>	<b>Steel Drum Cover</b> 24-1/2" (612 mm) Prevents impurities from contaminating grease and keeps pump in vertical position
<b>E</b>	<b>Rubber Lined Follower Plate</b> O.D. Steel End: 21-5/8" (550 mm) O.D. Plate: 23-11/16" (602 mm) I.D. Grommet: 1-3/16" (29.5 mm)
<b>F</b>	<b>Drum Cart</b> Manufactured from thick steel sheet in powder coated finish Front Wheels: 10" (250 mm) wide Rear castors with toe lock 5" nylon
<b>G</b>	<b>Feeder Hose</b> Connects pump outlet to the hose reel inlet Length: 1.5m (5')



#### WETTED COMPONENTS

Steel, Brass, Aluminium, Polyurethane & Nitrile Rubber

#### RECOMMENDED USE

With light and self collapsing grease up to NLGI No. 2

#### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
TMK1/GP3H/B/BSP	45861	1/8" BSPT	1
TMK1/GP3H/B/N	45866	1/8" NPT	1

#### SPECIFICATIONS

WORKING PRESSURE	30-150 PSI	2-10 BAR
MAX. AIR PRESSURE	150 PSI	10 BAR
MAX. OUTLET PRESSURE	7,500 PSI	500 BAR
AIR INLET CONNECTION	1/4" (F)	
PUMP OUTLET	1/4" (F)	
AIR CONSUMPTION	72 GPM	270 LPM
NOISE LEVEL	85 db	
GREASE OUTPUT (MAX.)	2.42 LBS./MIN.	1.1 KG/MIN.
FOR USE WITH	400 LBS. DRUMS	180 KG DRUMS

### TMK2-GP1

#### KIT INCLUDES

<b>A</b>	<b>50:1 Air Operated Grease Pump</b>
<b>B</b>	<b>Grease Control Valve</b> Fitted with 360° Z swivel for trouble free dispensing
<b>C</b>	<b>Connecting Hose</b> 84" x 1/4" I.D. (2m x 6.5 mm I.D.) - SAE R2
<b>D</b>	<b>Steel Drum Cover</b> 12" (310 mm) Prevents impurities from contaminating grease and keeps pump in vertical position
<b>E</b>	<b>Rubber Lined Follower Plate</b> O.D. Steel End: 9-1/2" (241 mm) O.D. Plate: 11-11/32" (288 mm) I.D. Grommet: 1-3/16" (29.5 mm)
<b>F</b>	<b>Drum Trolley</b> Manufactured from thick steel sheet in powder coated finish Front Wheels: 6" (150 mm) polyurethane with ball bearings Swivel Rear Castors: 3" (75 mm) Nylon



#### WETTED COMPONENTS

Steel, Brass, Aluminium, Polyurethane & Nitrile Rubber

#### RECOMMENDED USE

With light and self collapsing grease up to NLGI No. 2

#### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
TMK2/GP1/B/BSP	45870	1/8" BSPT	1
TMK2/GP1/B/N	45875	1/8" NPT	1

#### SPECIFICATIONS

WORKING PRESSURE	30-150 PSI	2-10 BAR
MAX. AIR PRESSURE	150 PSI	10 BAR
MAX. OUTLET PRESSURE	7,500 PSI	500 BAR
AIR INLET CONNECTION	1/4" (F)	
PUMP OUTLET	1/4" (F)	
AIR CONSUMPTION	72 GPM	270 LPM
NOISE LEVEL	85 db	
GREASE OUTPUT (MAX.)	2.42 LBS./MIN.	1.1 KG/MIN.
FOR USE WITH	35 LBS. PAILS	20-30 KG DRUMS

## Grease Pump Kits (Continued)

TMK2-GP2

TMK2-GP2

### KIT INCLUDES

<b>A</b>	<b>50:1 Air Operated Grease Pump</b>
<b>B</b>	<b>Grease Control Valve</b> Fitted with 360° Z swivel for trouble free dispensing
<b>C</b>	<b>Connecting Hose</b> 84" x 1/4" I.D. (2m x 6.5 mm I.D.) - SAE R2
<b>D</b>	<b>Steel Drum Cover</b> 15" (381 mm) Prevents impurities from contaminating grease and keeps pump in vertical position
<b>E</b>	<b>Rubber Lined Follower Plate</b> O.D. Steel End: 12-11/16" (322 mm) O.D. Plate: 15" (380 mm) I.D. Grommet: 1-3/16" (29.5 mm)
<b>F</b>	<b>Drum Trolley</b> Manufactured from thick steel sheet in powder coated finish Front Wheels: 6" (150 mm) polyurethane with ball bearings Swivel Rear Castors: 3" (75 mm) Nylon



Hook to hang control valve

### WETTED COMPONENTS

Steel, Brass, Aluminium, Polyurethane & Nitrile  
Rubber

### RECOMMENDED USE

With light and self collapsing grease up to NLGI No. 2

### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
TMK2/GP2/B/BSP	45871	1/8" BSPT	1
TMK2/GP2/B/N	45876	1/8" NPT	1

### SPECIFICATIONS

WORKING PRESSURE	30-150 PSI	2-10 BAR
MAX. AIR PRESSURE	150 PSI	10 BAR
MAX. OUTLET PRESSURE	7,500 PSI	500 BAR
AIR INLET CONNECTION	1/4" (F)	
PUMP OUTLET	1/4" (F)	
AIR CONSUMPTION	72 GPM	270 LPM
NOISE LEVEL	85 db	
GREASE OUTPUT (MAX.)	2.42 LBS./MIN.	1.1 KG/MIN.
FOR USE WITH	120 LBS. DRUMS	50-60 KG DRUMS

85

## Grease Control Valves Professional

APG-04



Premium quality Grease Control Valve, for use with air operated grease pumps

Provides continuous grease flow, with trigger fully pressed

Steel construction, provides durability & longevity

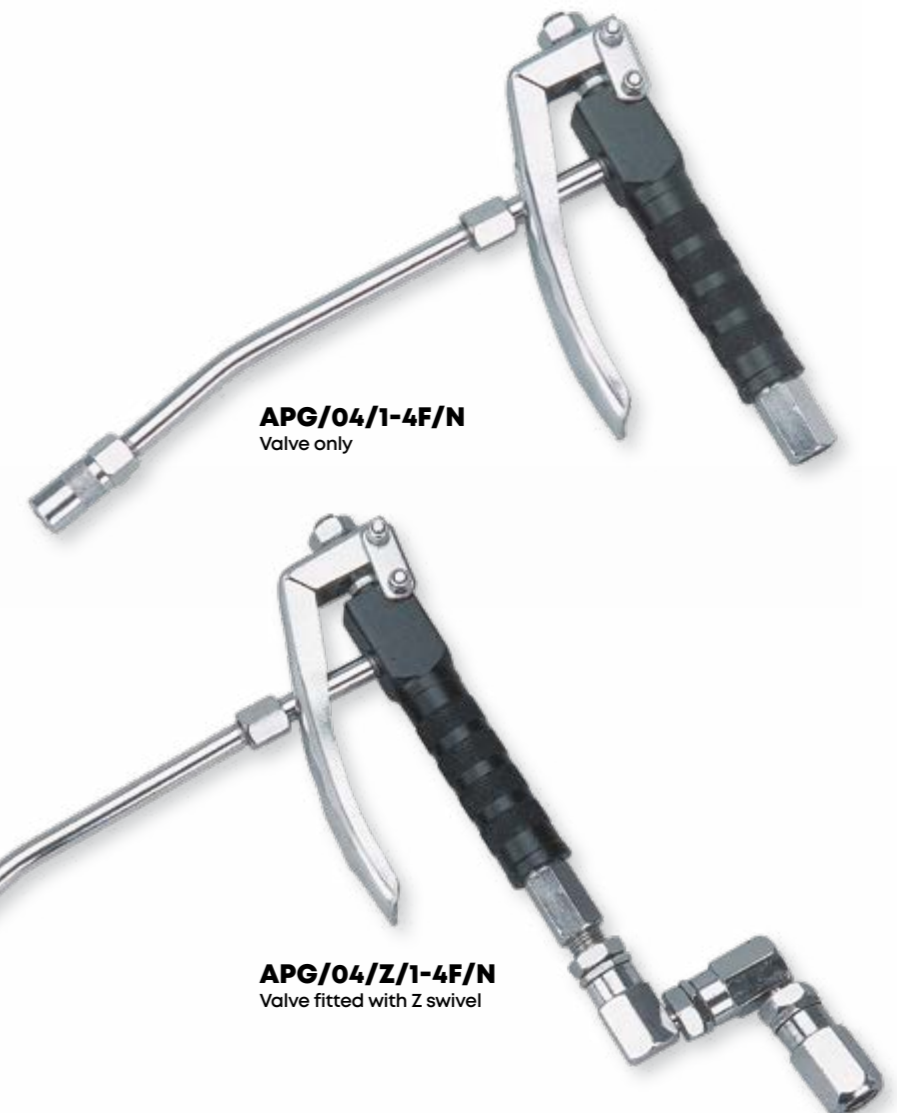
Ergonomically designed pistol handle

Available as valve only, or fitted with 360° Z Swivel

Comes complete with 6" steel extension & heavy duty coupler

Comes as standard on GROZ GP Series Air Operated Grease Pumps

Available in a choice of inlet thread sizes



### SPECIFICATIONS

WORKING PRESSURE	UPTO 7,500 PSI	UPTO 517 BAR
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### ORDERING INFORMATION

CAT NR.	ORD NR.	INLET THREAD SPECIFICATION	OUTLET THREAD SPECIFICATION	BOX QTY.
<b>VALVE</b>				
APG/04/1-8F/B	43400	1/8" BSPT (F)	1/8" BSPT (F)	25
* APG/04/1-4F/B	43401	1/4" BSPT (F)	1/8" BSPT (F)	25
APG/04/1-4F/M	43402	1/4" BSPT (F)	M10 x 1 (F)	25
APG/04/1-8F/N	43403	1/8" NPTF (F)	1/8" NPT (F)	25
* APG/04/1-4F/N	43404	1/4" NPTF (F)	1/8" NPT (F)	25
<b>VALVE FITTED WITH Z SWIVEL</b>				
* * APG/04/Z/1-4F/B	43420	1/4" BSPT (F)	1/8" BSPT (F)	20
APG/04/Z/1-4M/B	43421	1/4" BSPT (M)	1/8" BSPT (F)	20
APG/04/Z/1-4F/M	43422	1/4" BSPT (F)	M10 x 1 (F)	20
* * APG/04/Z/1-4F/N	43423	1/4" NPTF (F)	1/8" NPT (F)	20
APG/04/Z/1-2-27M/N	43424	1/2" -27 NS (M)	1/8" NPT (F)	20

\* Best Seller \* Standard on Groz GP Series Air Operated Grease Ratio Pumps

### WARNING

Skin Injection Hazard. Keep away from nozzle

The gun is continuous action. Be careful not to over lubricate



**86 Grease Control Valves Booster** **APG**  
**APG-PR**



Heavy Duty Grease Control Valve with built-in pressure boost mechanism

Continuous flow with pistol handle fully pressed

Pressure boost achieved through repeated actuation of the pistol handle

Boosts line pressure from 6,000 PSI (400 BAR) to 10,000 PSI (690 BAR); extremely useful to unblock frozen grease fittings

Heavy Duty steel construction,

**Available in two models**

- a. Booster Grease Control Valve
- b. Booster Grease Control with pressure relief valve

**Available configuration**

- Valve only
- Fitted with 360° Z Swivel

Comes complete with 6" (150 mm) steel extension & coupler

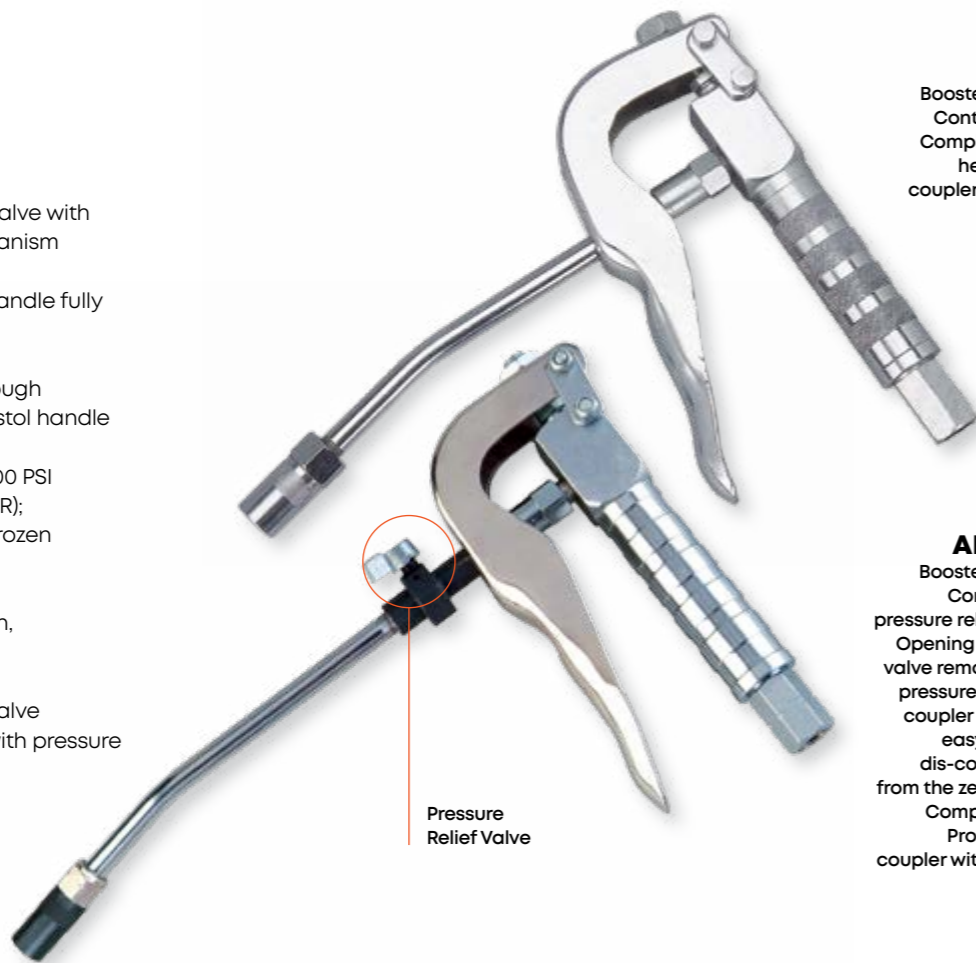
**SPECIFICATIONS**

WORKING PRESSURE	UPTO 10,000 PSI	UPTO 690 BAR
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**ORDERING INFORMATION**

CAT NR.	ORD NR.	INLET THREAD SPECIFICATION	OUTLET THREAD SPECIFICATION	BOX QTY.
<b>GREASE CONTROL VALVE</b>				
APG/1-8F/B	43450	1/8" BSPT (F)	1/8" BSPT (F)	25
★ APG/1-4F/B	43451	1/4" BSPT (F)	1/8" BSPT (F)	25
APG/1-4F/M	43452	1/4" BSPT (F)	M10 x 1 (F)	25
APG/1-8F/N	43453	1/8" NPTF (F)	1/8" NPT (F)	25
★ APG/1-4F/N	43454	1/4" NPTF (F)	1/8" NPT (F)	25
<b>GREASE CONTROL VALVE WITH Z-SWIVEL</b>				
★ APG/Z/1-4F/B	43470	1/4" BSPT (F)	1/8" BSPT (F)	20
APG/Z/1-4M/B	43471	1/4" BSPT (M)	1/8" BSPT (F)	20
★ APG/Z/1-4F/M	43472	1/4" BSPT (F)	M10 x 1 (F)	20
APG/Z/1-4F/N	43473	1/4" NPTF (F)	1/8" NPT (F)	20
APG/Z/1-2-27M/N	43474	1/2"-27 NS (M)	1/8" NPT (F)	20

★ Best Seller



**APG**  
Booster Grease Control Valve. Complete with heavy duty coupler with ball check

**APG-PR**  
Booster Grease Control with pressure relief valve. Opening the relief valve removes high pressure from the coupler enabling easy coupler dis-connection from the zerk fitting. Complete with Professional coupler without ball check

Pressure Relief Valve

**WARNING**

Skin Injection Hazard. Keep away from nozzle.

The gun is continuous action. Be careful not to over lubricate.

CAT NR.	ORD NR.	INLET THREAD SPECIFICATION	OUTLET THREAD SPECIFICATION	BOX QTY.
<b>GREASE CONTROL VALVE WITH PRESSURE RELIEF</b>				
APG/PR/1-8F/B	43460	1/8" BSPT (F)	1/8" BSPT (F)	25
APG/PR/1-4F/B	43461	1/4" BSPT (F)	1/8" BSPT (F)	25
APG/PR/1-4F/M	43462	1/4" BSPT (F)	M10 x 1 (F)	25
APG/PR/1-8F/N	43463	1/8" NPTF (F)	1/8" NPT (F)	25
APG/PR/1-4F/N	43464	1/4" NPTF (F)	1/8" NPT (F)	25
<b>GREASE CONTROL VALVE WITH PRESSURE RELIEF &amp; Z SWIVEL</b>				
APG/PR/Z/1-4F/B	43465	1/4" BSPT (F)	1/8" BSPT (F)	20
APG/PR/Z/1-4M/B	43466	1/4" BSPT (M)	1/8" BSPT (F)	20
APG/PR/Z/1-4F/M	43467	1/4" BSPT (F)	M10 x 1 (F)	20
APG/PR/Z/1-4F/N	43468	1/4" NPTF (F)	1/8" NPT (F)	20
APG/PR/Z/1-2-27M/N	43469	1/2"-27 NS (M)	1/8" NPT (F)	20

**87 Grease Control Valves Heavy Duty** **APG-HD**

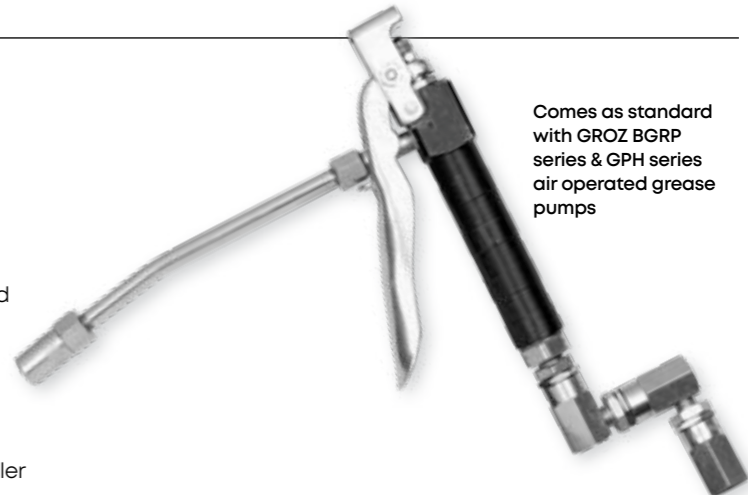


Provides continuous grease flow with the trigger fully pressed

Steel body, with fully hardened replaceable ball seat

Steel pistol handle with extra strong compression spring

Complete with 6" (150 mm) steel extension & heavy duty coupler



Comes as standard with GROZ BGRP series & GPH series air operated grease pumps

**ORDERING INFORMATION**

CAT NR.	ORD NR.	TYPE	INLET THREADS	OUTLET THREADS	BOX QTY.
APG/HD/1-4F/B	43445	Valve Only	1/4" BSPT (F)	1/8" BSPT (F)	25
APG/HD/1-4F/N	43446		1/4" NPT (F)	1/8" NPT (F)	25
★ APG/HD/Z/1-4F/B	43447	Valve fitted with Z swivel	1/4" BSPT (F)	1/8" BSPT (F)	25
APG/HD/Z/1-4F/N	43448		1/4" NPT (F)	1/8" NPT (F)	25

★ Best Seller

**SPECIFICATIONS**

DEVELOPS	UPTO 7,500 PSI	UPTO 517 BAR
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**WARNING**

Skin injection hazard. Keep away from nozzle.

The gun is continuous action. Be careful not to over lubricate

**88 Grease Control Valve Aluminium Body** **APG-NS**



Supa Lite Grease Control Valve with built in pressure boost mechanism

Robust aluminium construction

Continuous flow with pistol handle fully pressed

Boosts line pressure from 6,000 PSI (400 BAR) to 10,000 PSI (690 BAR),

Complete with 6" (150 mm) steel extension & heavy duty coupler. Inlet threaded 1/4" (F)



**ORDERING INFORMATION**

CAT NR.	ORD NR.	INLET THREADS	OUTLET THREADS	BOX QTY.
★ APG/NS/1-4F/B	43480	1/4" BSPT (F)	1/8" BSPT (F)	25
★ APG/NS/1-4F/N	43481	1/4" NPT (F)	1/8" NPT (F)	25

★ Best Seller

**SPECIFICATIONS**

DEVELOPS	UPTO 10,000 PSI	UPTO 690 BAR
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Premium quality Grease Control valve, for use with air operated grease pumps

Built-In High Accuracy Digital Grease Meter for dispensing exact amount of grease

Measured greasing prevents both over & under lubrication & is valuable in saving bearing failures

Provides continuous grease flow, with trigger fully pressed

Steel construction

Ergonomically designed pistol handle

Meter works on oval gear technology

Complete with 6" (150 mm) steel extension & heavy duty coupler



APG/04/1-4F/GM/B



**DGM/2/N**  
Grease meter available as spare for in-line applications. Measures both in kg & lbs

#### SPECIFICATIONS

CONTROL VALVE TYPE	Continuous Flow	
METER TYPE	Digital Oval Gear	
GREASE FLOW	0.2 - 5.5 LB / MIN	0.1 TO 2.5 KG / MIN
MAX. WORKING PRESSURE	7,500 PSI	517 BAR
WORKING TEMPERATURE RANGE	-10°C TO 60°C	14°F TO 140°F
UNIT OF MEASUREMENT	KG / GMS / OZ. / LBS	
RESOLUTION	0.10 OZ.	0.10 GMS
ACCURACY	± 3%	
RESETTABLE BATCH TOTAL	9,999	
CUMULATIVE TOTAL	999999	
BATTERY TYPE	2 x 1.5V SIZE N	

#### ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	THREAD SPECIFICATION	BOX QTY.
APG/04/1-4F/GM/B	43415	Meter Fitted to Grease Control Valve	Inlet: 1/4" BSPT (F)	15
APG/04/1-4F/GM/N	43416	Meter Fitted to Grease Control Valve	Inlet: 1/4" NPTF (F)	15
DGM/2/N	45621	In-Line Grease Meter	Inlet/Outlet: 1/8" NPT (F)	25

#### WARNING

Skin Injection Hazard. Keep away from nozzle

The gun is continuous action. Be careful not to over lubricate.



Swivels are installed between the delivery hose & grease control valve: these permit easy handling of control valves and prevent damage to hose caused by twisting

Heavy duty steel construction with ball bearings for smooth operation and free unrestricted movement

The swivelling joints are hardened for durability & wear resistance

#### Available in 3 forms

- Straight - HFC - S: Single axis swivelling movement
- 90° - HFC - R: 2 axes - 90° movement
- Z-360° - HFC - 3 axes - 360° movement

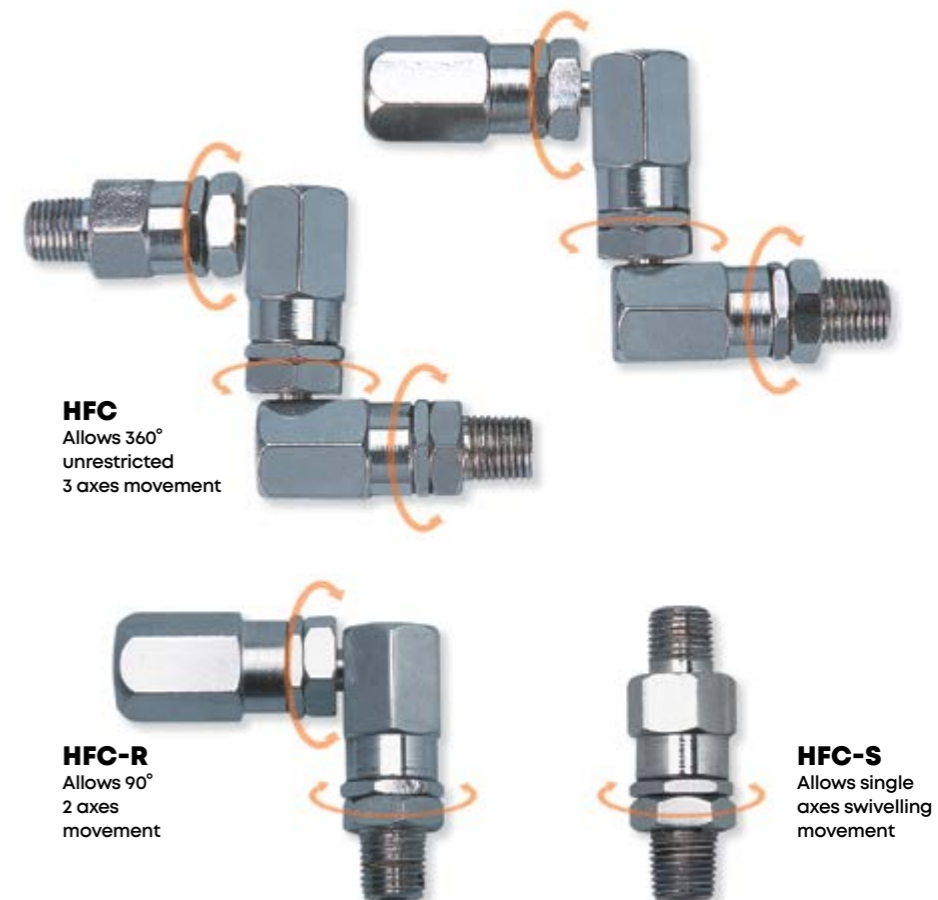
#### SPECIFICATIONS

MAX. WORKING PRESSURE	UPTO 6,000 PSI	UPTO 413 BAR
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#### ORDERING INFORMATION

CAT NR.	ORD NR.	THREAD SPECIFICATION		BOX QTY.
<b>STRAIGHT SWIVELS</b>				
HFC/S/1-4F/1-4M/B	43800	1/4" BSPT (F)	1/4" BSPT (M)	100
HFC/S/1-4F/1-8M/B	43801	1/4" BSPT (F)	1/8" BSPT (M)	100
HFC/S/1-8M/1-8M/N	43802	1/8" NPTF (M)	1/8" NPTF (M)	100
HFC/S/1-8F/1-8M/N	43803	1/8" NPTF (F)	1/8" NPTF (M)	100
HFC/S/1-4M/1-2-27M/N	43804	1/4" NPTF (M)	1/2"-27 NS (M)	100
<b>90° SWIVELS</b>				
HFC/R/1-4F/1-4M/B	43810	1/4" BSPT (F)	1/4" BSPT (M)	75
HFC/R/1-4F/1-8M/B	43811	1/4" BSPT (F)	1/8" BSPT (M)	75
HFC/R/1-8M/1-8M/N	43812	1/8" NPTF (M)	1/8" NPTF (M)	75
HFC/R/1-8F/1-8M/N	43813	1/8" NPTF (F)	1/8" NPTF (M)	75
HFC/R/1-4M/1-2-27M/N	43814	1/4" NPTF (M)	1/2"-27 NS (M)	75
<b>Z - 360° SWIVELS</b>				
HFC/1-4M/1-4M/B	43820	1/4" BSPT (M)	1/4" BSPT (M)	75
★ HFC/1-4F/1-4M/B	43821	1/4" BSPT (F)	1/4" BSPT (M)	75
★ HFC/1-4F/1-8M/B	43822	1/4" BSPT (F)	1/8" BSPT (M)	75
★ HFC/1-4F/1-8M/N	43823	1/4" NPTF (F)	1/8" NPTF (M)	75
★ HFC/1-4F/1-4M/N	43824	1/4" NPTF (F)	1/4" NPTF (M)	75
★ HFC/1-4M/1-2-27M/N	43825	1/4" NPTF (M)	1/2"-27 NS (M)	75

★ Best Seller



**HFC**  
Allows 360° unrestricted 3 axes movement

**HFC-R**  
Allows 90° 2 axes movement

**HFC-S**  
Allows single axes swivelling movement



**360° Z Swivel**  
Allows for convenient movement of the control valve & prevents the high pressure hose from kinking

Volume Grease Pump designed for quick effortless greasing in applications requiring voluminous everyday lubrication such as greasing of excavators & other earth moving equipment, agricultural equipment, automotive applications etc.

### Variable Handle Setting

Pump can be set for high volume or high pressure dispensing with a simple switch

Fully CNC machined to very close tolerances, the pump develops pressure upto 4,000 PSI (275 BAR)

VGP series pumps work well with NLGI 1, 2 & 3 Greases

### WETTED COMPONENTS

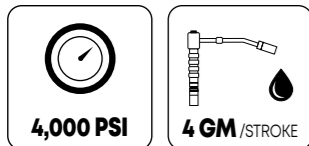
Steel, Aluminum, Brass & Nitrile Rubber

### RECOMMENDED USE

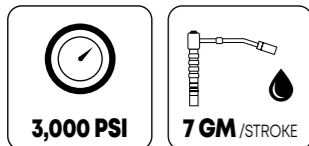
For Grease up to and including NLGI 3



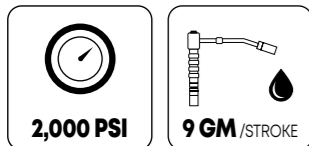
### High Pressure Setting



### Medium Pressure - Medium Volume Setting



### High Volume Setting



### SPECIFICATIONS

SETTING	HIGH PRESSURE		MEDIUM PRESSURE		HIGH VOLUME	
	UPTO	UPTO	UPTO	UPTO	UPTO	UPTO
DEVELOPS	4,000 PSI	275 BAR	3,000 PSI	275 BAR	2,000 PSI	275 BAR
DELIVERS	UPTO 4 GMS / STROKE		UPTO 7 GMS / STROKE		UPTO 9 GMS / STROKE	

### VARIABLE HANDLE SETTING



### VARIANTS

VGP/3/A Without Wheels	VGP/6 With Wheels	VGP/6A Without Wheels	VGP/10 With Wheels
3 KGS / 6.5 LBS.	6 KGS / 13 LBS.	6 KGS / 13 LBS.	10 KGS / 22 LBS.
VGP/10A Without Wheels	VGP/15 With Wheels	VGP/15A Without Wheels	VGP/20 With Wheels
10 kgs / 22 lbs.	15 kgs / 33 lbs.	15 kgs / 33 lbs.	20 kgs / 44 lbs.

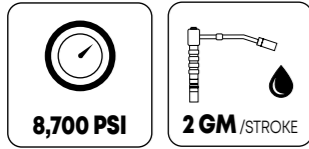
### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	BUCKET CAPACITY		BOX QTY.
				(KG)	(LBS)	
WITHOUT WHEELS				WITH WHEELS		
VGP/3/A	44277	-	-	3	6.5	1
* VGP/6A	44280	* VGP/6	44290	6	13	1
* VGP/10A	44281	* VGP/10	44291	10	22	1
* VGP/15A	44282	* VGP/15	44292	15	33	1
-	-	* VGP/20	44293	20	44	1
-	-	VGP/30	44218	30	66	1

\* Best Seller

## 92 Grease Pumps Foot Operated

FOP



### NEVER BEATEN ON PERFORMANCE!

High pressure portable foot operated grease pump

Used for quick effortless greasing in everyday lubrication such as greasing of excavators & other earth moving equipment, agricultural equipment, automotive etc.

### Hands Free – Fatigue Free Operation

Pump operates using the foot lever, which reduces effort & allows high pressure greasing with highest comfort. Can also be operated by hand when under low height machines

### Fill It – Forget It

Holds upto 10 kg grease, which is 25% more than similar pumps in the market

### Economical

Pump is operated by a single person & uses low cost bulk grease

### Designed To Perfection

Designed with all moving parts submerged in the same grease which needs to be pumped, thereby staying lubricated at all times

Moving parts create wave action in grease, auto removing air pockets & eliminating the use of a follower plate

### Available in two variations:

- With regular coupler
- With quick lock grease coupler

Pump delivers 2 gms of grease per stroke and develops upto 8700 PSI (600 BAR)

Works with NLGI 1 & 2 greases

### ORDERING INFORMATION

CAT NR.	ORD NR.	COUPLER	CAPACITY		BOX QTY.
			(KG)	(LBS.)	
FOP/10A	44255	With Regular Coupler	10	22	1
*FOP/10Q	44261	With Quick Lock Coupler	10	22	1

\* Best Seller



FOP-10A



FOP-10Q

### SPECIFICATIONS

PRESSURE	UPTO 8,700 PSI	UPTO 600 BAR
DELIVERS	UPTO 2 GMS / STROKE	

### NOTE

Pump is 100% pressure tested using non food grade grease. New pumps would have some test grease inside, confirming that the pump has been factory tested

## 93 Scoop & Swipe Set

GSW



Now you can avoid the mess while working with bulk grease with hands

Use the GROZ Grease Scooper to avoid grease contamination and spillage in 3 simple steps

### STEP 1

Use the Scooper to draw sizable amount of grease from the bucket.



### STEP 2

Use the swipe to clean the Scoop from inside.



### STEP 3

Use the swipe to clean the Scoop from outside.

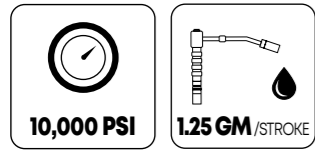


### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
GSW/1/ST	44896	50



SCAN TO WATCH



Fully Portable & manual greasing system designed for volume greasing in workshops, site applications, on a pick-up truck, tractor, earth moving equipment etc.

#### Convenient Foot Charged Pump

Pump is operated by foot press of the spring loaded system. The hose gets charged with grease, which can then be dispensed through the Super Gun fitted at the end of the hose.

A single charge provides upto 30 shots of grease.

#### Quick & Convenient Adjustment

Aluminium die cast super gun is equipped with high pressure & high volume settings, actuated through a simple switch

SETTING	PRESSURE	DELIVERS	APPLICATION
High Pressure	10,000 PSI (690 BAR)	UPTO 0.45 GM/STROKE	Cold weather, blocked fittings
High Volume	5,000 PSI (345 BAR)	UPTO 1.25 GM/STROKE	Volume greasing

Pump assembly is fully sealed to prevent contamination

Complete with drum cover, rubber lined follower plate, premium 1/2" ID high pressure hose, super gun fitted with steel extension & coupler and 11 lb. (5 kg.) plastic grease bucket

#### WETTED COMPONENTS

Aluminum, Steel, Brass, Polyurethane & Nitrile Rubber

#### RECOMMENDED USE

For Grease up to and including NLGI No. 2

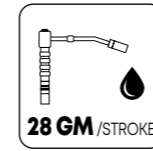


Common sight on construction equipment requiring high volume routine greasing



#### ORDERING INFORMATION

CAT NR.	ORD NR.	BUCKET CAPACITY		PUMP LENGTH BELOW DRUM COVER		DRUM COVER DIAMETER		FOLLOWER PLATE DIMENSIONS				HOSE LENGTH (M)	BOX QTY.
		(KG)	(LBS)	(INCH)	(MM)	(INCH)	(MM)	O.D. STEEL END		O.D. PLATE			
				(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)		
GS/5	44250	5	11	7-3/4	197	8-1/2	216	6-3/4	171	8-1/8"	206	1.5	4



Easy to use Grease filling solution to load bulk or combination grease guns from bulk grease pails

No mess or waste. Full economy in buying bulk grease

#### Pump includes

- Zinc plated pump with zinc die cast pump head and cast aluminum adjusting flange
- Drum cover
- Follower plate
- Female loader fitting

Select models include follower plate with rubber lining for use with tapered drums

#### Available with a choice of female loader adaptors

##### a. Regular

For use with American Tapered 0.58" (14.7 mm) male loader fittings

##### b. Universal

For use with both European Straight (9 mm) and American Tapered 0.58" (14.7 mm) male loader fittings

#### RECOMMENDED USE

For Light & self Collapsing Grease up to and including NLGI 2

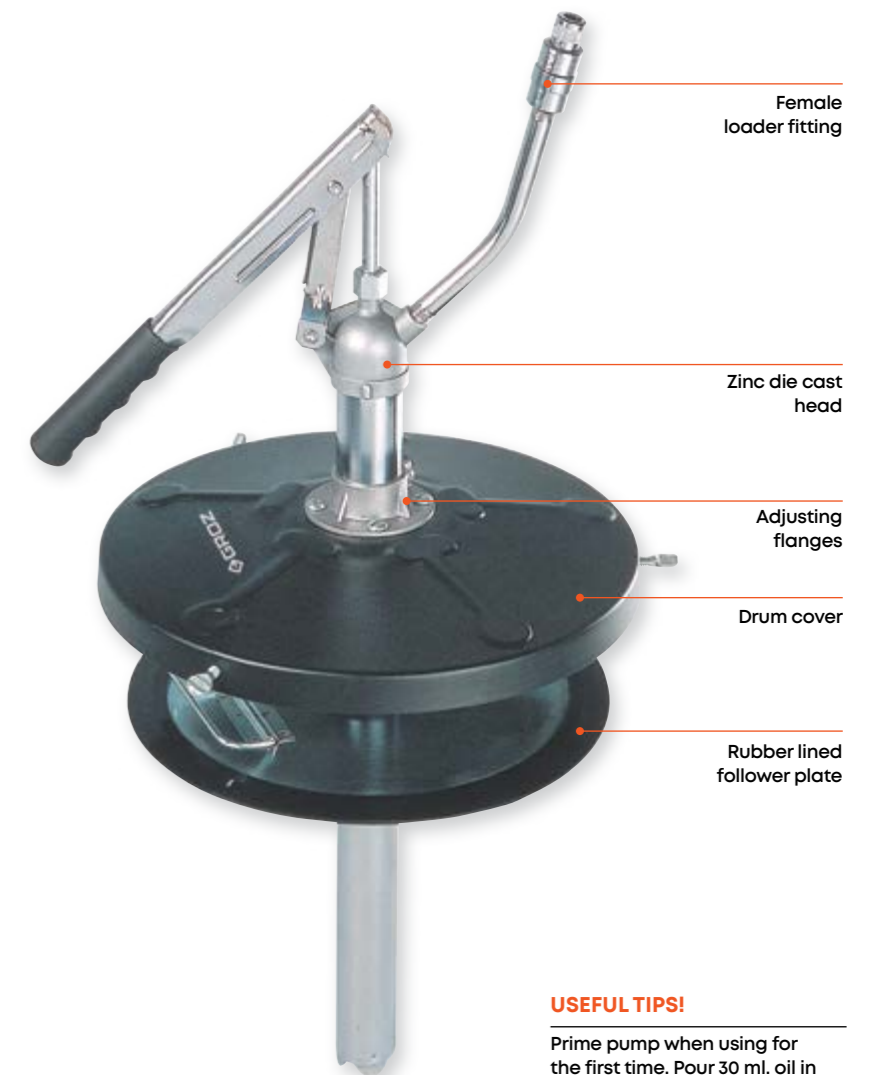
#### SPECIFICATIONS

DELIVERS	UPTO 28GMS / STROKE	UPTO 1 OZ. / STROKE

#### ORDERING INFORMATION

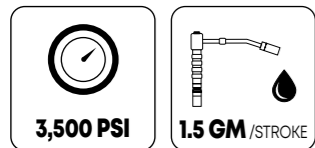
CAT NR.	ORD NR.	PAIL CAPACITY	PUMP LENGTH		DRUM COVER DIAMETER		TYPE OF FOLLOWER PLATE	FOLLOWER PLATE DIMENSIONS						FEMALE LOADER ADAPTOR	BOX QTY.
			(INCH)	(MM)	(INCH)	(MM)		O.D. STEEL END		O.D. PLATE		I.D. GROMMET			
					(INCH)	(MM)		(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)		
GFP/02-PRO/UNI	44200	12.5 kg	18	457		287	Rubber Lining	-	230	-	272	1-1/2	38	Universal	10
GFP/03	44210	25-50 lb / 5gal.	18	457	12	310	Steel	-	-	11	280	1-1/2	38	American	10
GFP/03-PRO	44211	20 kg / 25-50 lb / 5gal.	18	457	12	310	Rubber Lining	9-1/2	241	11-11/32	288	1-1/2	38	American	10
*GFP/03-PRO/UNI	44212	20 kg / 25-50 lb / 5gal.	18	457	12	310	Rubber Lining	9-1/2	241	11-11/32	288	1-1/2	38	Universal	10
GFP/04	44222	50 kg / 120 lb.	30	760	15	381	Steel	-	-	13-5/8	346	1-1/2	38	American	10
GFP/04-PRO	44220	50 kg / 120 lb.	30	760	15	381	Rubber Lining	12-11/16	322	15	380	1-1/2	38	American	10
GFP/04-PRO/UNI	44221	50 kg / 120 lb.	30	760	15	381	Rubber Lining	12-11/16	322	15	380	1-1/2	38	Universal	10

\* Best Seller



#### USEFUL TIPS!

Prime pump when using for the first time. Pour 30 ml. oil in to the pump outlet & operate lever handle till grease starts dispensing. Never exert undue pressure on the lever handle



An easy & portable high pressure hand operated grease pump

Useful for clean greasing of machinery, equipment, trucks & cars

Provides high pressure greasing, where power is not available or when an air operated grease pump cannot be afforded

Steel construction with aluminum cast head & solid steel pumping chamber

### Pump includes

- Lift handle, Drum Cover
- Rubber Lining Follower plate
- 48" (1220 mm) flexible grease hose fitted with professional 4 jaw coupler

Model HPG-10 additionally includes a 10 kg (22 lb.) steel grease bucket



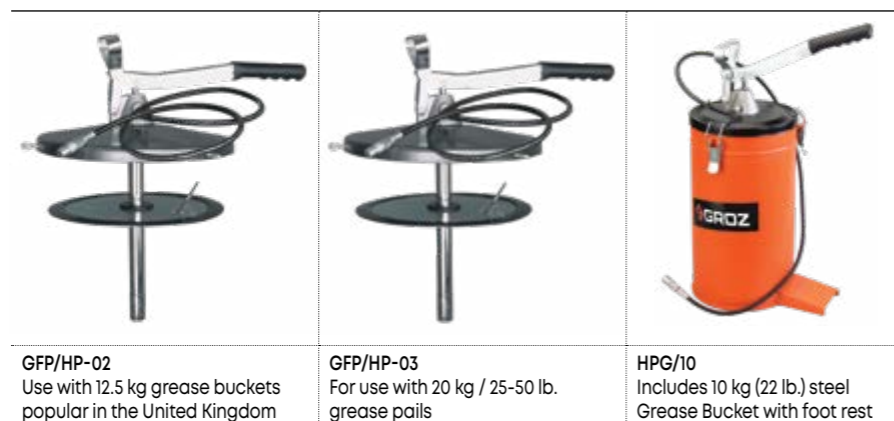
### SPECIFICATIONS

DEVELOPS	UPTO 3,500 PSI	UPTO 240 BAR
MAX. OUTPUT	1 OZ / 19 STROKES	1.5 GM. / STROKE

### USEFUL TIPS!

Prime pump when using for the first time. Pour 30 ml. oil in to the pump outlet & operate lever handle till grease starts dispensing.

### VARIANTS



GFP/HP-02  
Use with 12.5 kg grease buckets popular in the United Kingdom

GFP/HP-03  
For use with 20 kg / 25-50 lb. grease pails

HPG/10  
Includes 10 kg (22 lb.) steel Grease Bucket with foot rest

### ORDERING INFORMATION

CAT NR.	ORD NR.	PAIL CAPACITY	PUMP LENGTH BELOW DRUM COVER	DRUM COVER DIAMETER	TYPE OF FOLLOWER PLATE	FOLLOWER PLATE DIMENSIONS			BOX QTY.
						O.D. STEEL END	O.D. PLATE	I.D. GROMMET	
* GFP/HP-02/PRO	44231	12.5 kg	315 mm	287 mm	Rubber Lining	230 mm	272 mm	25 mm	6
GFP/HP-03/PRO	44230	20 kg / 25-50 lb	13.11/16" (348 mm)	12" (310 mm)	Rubber Lining	9-1/2"	11-11/32"	1"	6
HPG/10	44245	10 kg	367 mm	224 mm	Rubber Lining	195 mm	225 mm	25 mm	1
GHC-48/HC/14/4/B	44345	48" flexible high pressure hose with coupler (available as spare)							

\* Best Seller

A range of follower plates, for use with Grease Pumps

Follower plates eliminate channelling & air pockets, keep lubricants from contamination & assist in pumping all of the lubricant from containers

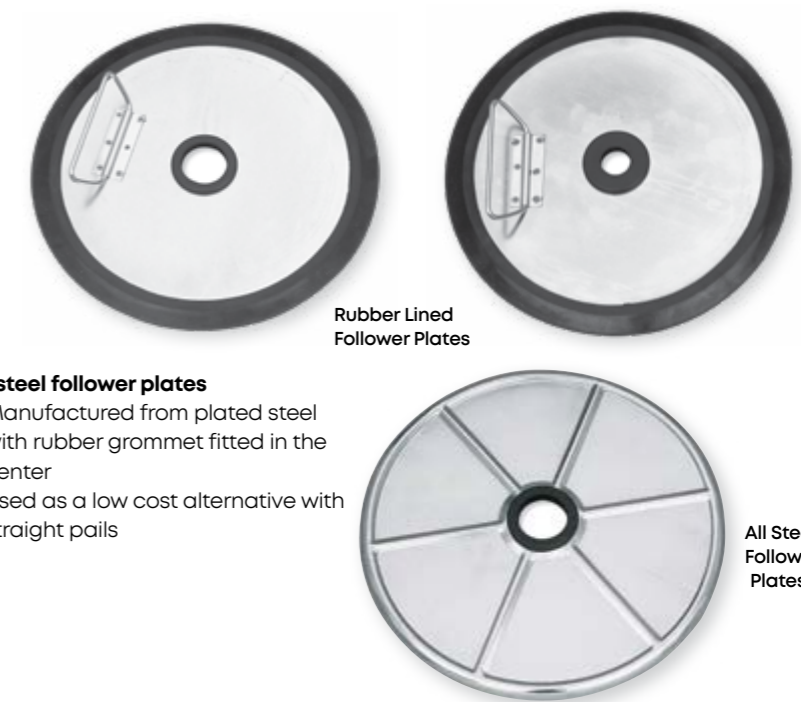
### Available in 2 types

#### a. Rubber lined follower plates

- Metal main body with grease resistant rubber lining
- Rubber lining is useful in wiping off grease from containers walls & also to eliminate air pockets
- Welded steel handle to pull out plate from container
- Rubber grommet for easy slide onto the pump suction tube
- Used for both straight & tapered grease pails

#### b. All steel follower plates

- Manufactured from plated steel with rubber grommet fitted in the center
- Used as a low cost alternative with straight pails



### ORDERING INFORMATION

CAT NR.	ORD NR.	PAIL CAPACITY	OUTER DIA. OF RIGID STEEL END OF FOLLOWER PLATE		OUTER DIA. OF FOLLOWER PLATE		INNER DIA. OF GROMMET RUBBER		FOR USE WITH GROZ PUMP SERIES	BOX QTY.
			(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)		
<b>RUBBER LINED FOLLOWER PLATES</b>										
FLP/195-225/6	47820	15 kg	-	195	-	225	-	29	BGRP/15	50
FLP/230-272	44321	12.5 kg	-	230	-	272	-	38	GFP/02	50
FLP/230-272/1	44334	12.5 kg	-	230	-	272	-	25	-	50
FLP/230-272/6	47821	12.5 kg	-	230	-	272	-	29.5	-	50
FLP/241-288	44322	20 kg / 25-50 lb. / 5gal.	9-1/2	241	11-11/32	288	1-1/2	38	GFP/03, GPH/1	50
FLP/241-288/1	44323	20 kg / 25-50 lb. / 5gal.	9-1/2	241	11-11/32	288	1	25	GFP/HP-03	50
FLP/241-288/2	44324	20 kg / 25-50 lb. / 5gal.	9-1/2	241	11-11/32	288	1.08	27.5	GRP/501/03	50
FLP/241-288/3	47822	20 kg / 25-50 lb. / 5gal.	9-1/2	241	11-11/32	288	1-7/32	31.3	-	50
FLP/241-288/4	47823	20 kg / 25-50 lb. / 5gal.	9-1/2	241	11-11/32	288	1-13/32	36	-	50
FLP/241-288/6	44330	20 kg / 25-50 lb. / 5gal.	9-1/2	241	11-11/32	288	1.16	29.5	GP1	50
FLP/241-288/7	47824	20 kg / 25-50 lb. / 5gal.	9-1/2	241	11-11/32	288	1-9/16	40	-	50
FLP/260-305/6	47827	20 kg / 25-50 lb. / 5gal.	9-1/2	241	12	305	-	29.5	GP4	25
FLP/322-380	44325	50 kg / 120 lb. / 16 gal.	12-11/16	322	15	380	1.1/2	38	GFP/04, GPH/2	25
FLP/322-380/1	47825	50 kg / 120 lb. / 16 gal.	12-11/16	322	15	380	1	25	-	25
FLP/322-380/2	44326	50 kg / 120 lb. / 16 gal.	12-11/16	322	15	380	1.08	27.5	GRP/501/04	25
FLP/322-380/3	47826	50 kg / 120 lb. / 16 gal.	12-11/16	322	15	380	1-7/32	31.3	-	25
FLP/322-380/6	44331	50 kg / 120 lb. / 16 gal.	12-11/16	322	15	380	1.16	29.5	GP2	25
FLP/550-602/6/GP3	44333	180 kg / 400 lb.	21-5/8	550	23-11/16	602	1.16	29.5	GP3	25
<b>ALL STEEL FOLLOWER PLATES</b>										
FP/01	44320	25-50 lb. / 5 gal.	-	-	11	280	1-1/2	38	GFP/03	50
FLP/346	44329	120 lb. / 16 gal. / 50 kg	-	-	13-5/8	346	1-1/2	38	GFP04	50

Caution: Above recommendations may not work with all containers of similar capacity. Due to difference in lube container specifications from one company to another, there can be a difference in your container size. Above recommendations are based on most widely used container specifications worldwide. Pls. ensure that your lube container falls within the above specified follower plate dimensions, for using standard parts. Other follower plate sizes can be made on request.

**98**

## Bulk Fill Follower Plate

Rubber Lined Follower Plate with in-built 2" bung threaded 2.2806" x 16 UNS (F)

Used on 25-50 lb. / 5 gal. / 20 kg pails grease pails for suction filling of grease guns directly from the pail without any mess or wastage



### ORDERING INFORMATION

CAT NR.	ORD NR.	PAIL CAPACITY	OUTER DIA. OF RIGID STEEL END OF FOLLOWER PLATE		OUTER DIA. OF FOLLOWER PLATE		INNER DIA. OF GROMMET RUBBER		FOR USE WITH GROZ PUMP SERIES	BOX QTY.
			(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)		
FLP/241-288/BNG	47830	25-50 lb / 5gal. / 20 kg	9-1/2	241	11-11/32	288	2.2806" x 16 UNS (F)		GFP/03	50

**99**

## Female Loader Adaptors

Female adaptors are mounted on Grease Filler pumps for bulk filling Grease Guns

Male Loader fitting on Grease Gun fits onto the female loader adaptor with the rubber seal in the adapter making the transfer leak-proof

Adaptors are threaded 1/4" NPT (F)



Female Loader Adaptor mounted on Grease Filler Pump



### ADP-9147

Universal Bulk Loader Valve  
This dual-purpose adaptor can be used with both 9 mm Straight & American Tapered 0.58" (14.7 mm) Bulk Loader Valves  
The top sleeve adapts to 9mm straight loader valves, which may be removed, and the base used with the larger 0.58" (14.7 mm) loader fittings

### SFA/1-4/N

Designed for use with American Tapered 0.58" (14.7 mm) Bulk Loader Valves

### ORDERING INFORMATION

CAT NR.	ORD NR.	TYPE	BOX QTY.
SFA/1-4/N	44360	For American Tapered 0.58" (14.7 mm) loader valves	10
ADP/9147	44361	Universal Adaptor for use with both 9 mm Straight & tapered 0.58" (14.7 mm) loader valves	10



**|| OILING EQUIPMENT & ACCESSORIES**





A range of popular fluid dispensing pumps for professional use

Ribbed section aluminum die cast pump head for maximum strength

Built-in 1-1/2" & 2" bung for use on drums with either openings

Plated steel lever handle with ergonomic rubber grip



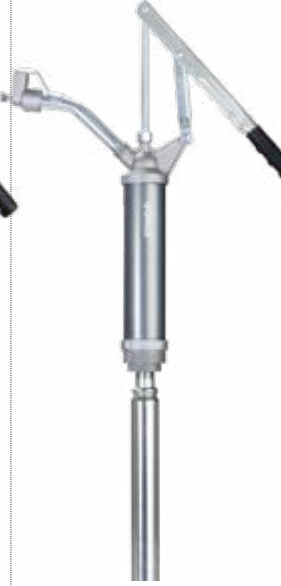
Complete with curved metal spout & telescopic steel suction tube for use on 50-205 litre (15-55 gallon) drums



### SPECIFICATIONS

DELIVERS	UPTO 300 ML / STROKE	UPTO 10 OZ. / STROKE

### VARIANTS

	LBP-04	LBP/04-CL	LBP-06	LBP-96
				
DESCRIPTION	LEVER ACTION DRUM PUMP	LEVER ACTION DRUM PUMP CLEAR TUBE Provides visibility to remaining oil and lubricant	ANTIFREEZE PUMP	ANTIFREEZE PUMP Non-drip
PUMP BODY	Powder coated steel	Polycarbonate clear tube	Powder coated steel	Powder coated steel
PISTON MATERIAL	Zinc die cast	Steel	Zinc die cast	Zinc die cast
PISTON RINGS	Brass	NBR	Brass	Brass
DISCHARGE SPOUT	Plated steel discharge spout	Plated steel discharge spout	Plated steel discharge spout	Plated steel discharge spout with built in aluminium die cast non-drip & bucket hangar
NON RETURN SEAL	NBR	NBR	Viton	Viton
WETTED COMPONENTS	Steel, Aluminium, Zinc, Brass, NBR	Steel, Aluminium, Polycarbonate, NBR	Steel, Aluminium, Zinc, Brass, Viton	Steel, Aluminium, Zinc, Brass, Viton
FOR USE WITH	Oil Based Fluids, Heating Oils, Motor Oils, Heavy & Light Oils, Diesel & Kerosene	Oil Based Fluids, Heating Oils, Motor Oils, Heavy & Light Oils	100% Antifreeze, Thinners, automotive additives, Industrial Chemicals, Oil based fluids & other non corrosive liquids	100% Antifreeze, Thinner, automotive additives, Industrial Chemicals, Oil based fluids & other non corrosive liquids
DO NOT USE WITH	Water Based Fluids, Solvents, Acids, Antifreeze, Gasoline etc.	Water Based Fluids, Solvents, Acids, Antifreeze, Gasoline etc.	Water Based Fluids, corrosive media, Gasoline etc.	Water Based Fluids, corrosive media, Gasoline etc.

### ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
* LBP/04	44100	Lever Action Drum Pump	10
LBP/04-CL	46950	Lever Action Drum Pump - Clear Tube	10
LBP/06	44120	Antifreeze Drum Pump	10
LBP/96	44125	Antifreeze Drum Pump With Non-drip	10

\* Best Seller

**101**
**Lever Action Oil Pump**
**EBP-02**


Value engineered for optimal performance at an affordable cost

Built-in 1-1/2" & 2" bung for use on drums with either openings

Nitrile rubber piston rings for smooth operation

Complete with curved metal spout & telescopic PVC suction tube for use on 50-205 litre (15-55 gallon) drums

**WETTED COMPONENTS**

Steel, Aluminum, PVC & NBR

**RECOMMENDED USE**

Oil Based Fluids, Heating Oils, Motor Oils, Heavy & Light Oils, Diesel & Kerosene

**DO NOT USE WITH**

Water Based Fluids, Solvents, Acids, Antifreeze, Gasoline etc.

**SPECIFICATIONS**

DELIVERS	UPTO 300 ML / STROKE	UPTO 10 OZ. / STROKE
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**ORDERING INFORMATION**

CAT NR.	ORD NR.	BOX QTY.
EBP/02	44116	10

**102**
**Vertical Lift Pump**
**VLP**


Self priming high volume Vertical Lift Pump

Aluminum die cast head, steel plunger rod & PTFE seals

Piston is made from Zinc with wear resistant brass piston rings

Complete with 2" cast iron bung adaptor

For use on 205 litre (55 gallon) drums

**WETTED COMPONENTS**

Steel, Aluminum, Zinc, Brass & PTFE

**RECOMMENDED USE**

High viscosity petroleum based media, lacquer, thinners etc.

**DO NOT USE WITH**

Gasoline, water & other corrosive media

**SPECIFICATIONS**

DELIVERS	UPTO 750 ML / STROKE	UPTO 26 OZ. / STROKE
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**ORDERING INFORMATION**

CAT NR.	ORD NR.	BOX QTY.
VLP/01	44130	12

**103**
**Front Action Drum Pump**
**A2**


Unique front action operation

Designed for convenient usage even on drums placed in inaccessible corners etc.

Heavy duty aluminum die cast pump head with 2" bung

Brass Piston rings for increased life

100% serviceability: no riveted parts

"Built-in" nozzle holder for convenient storage of discharge hose

Complete with telescopic suction tube for use on 205 litre (55 gallon) drums, 1.8m PVC Nitrile delivery hose with metal nozzle spring & hose clamp

**WETTED COMPONENTS**

Steel, Aluminum, Brass, NBR and PVC Nitrile

**RECOMMENDED USE**

Diesel, Kerosene, Heating Oils, Motor Oils, Lubricating Oils (upto SAE 90), and other non-corrosive media

**DO NOT USE WITH**

Water based media, Antifreeze, Solvents, Acids, and Gasoline etc.

**SPECIFICATIONS**

DELIVERS	UPTO 250 ML / STROKE	UPTO 9 OZ. / STROKE
----------	-------------------------	------------------------

**ORDERING INFORMATION**

CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
A2H/BL	44110	Pump with telescopic suction tube	8
<b>SPARES</b>			
A2/TP/1-20	44309	Telescopic suction tube	25
SA/HOS/AA92/A2	44339	8' (1.8m) PVC hose with metal nozzle, spring & hose clamp	25



## 104 Steel Safety Pumps



Hand Operated Pumps for use with combustible & flammable media

Pump body made from Carbon Steel with PTFE piston & PTFE sealing gasket

Heavy-Duty bonding & grounding wires prevent hazardous static charge. Wires are secured by locknut & have heavy-duty Alligator Clips

Built-in Internal flame arrestor prevents flame flashback

### WETTED COMPONENTS

Carbon Steel, PTFE

### RECOMMENDED USE

Gasoline, Diesel, Kerosene, Lacquer, Thinners, Acetone, Benzene, Naphtha, Urea etc.

### DO NOT USE WITH

Hydrochloric Acid, Sulphuric Acid, Water etc.

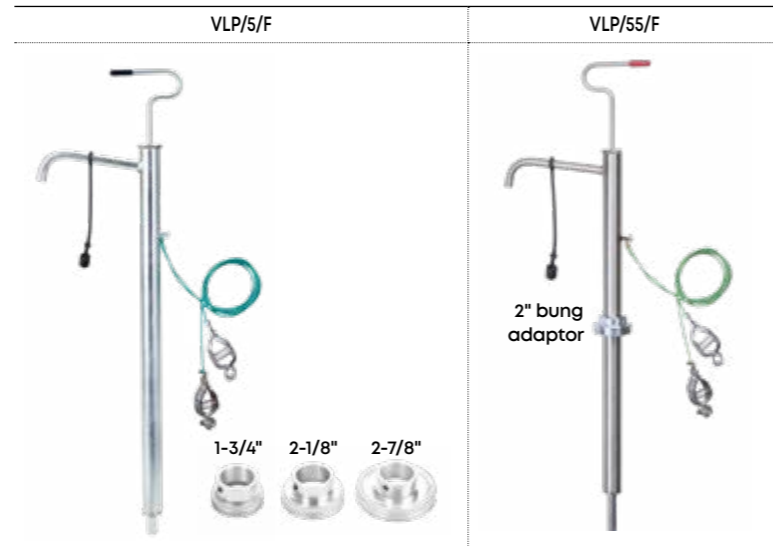


VLP-5

VLP-55



### VARIANTS



### SPECIFICATIONS

DELIVERS	UPTO	UPTO
	165 ML / STROKE	5.5 OZ. / STROKE

### ORDERING INFORMATION

CAT NR.	ORD NR.	TYPE	SUITABLE FOR	BOX QTY.
VLP/5/F	44133	Pail Pump	20-30 litre (5 gal) pails	10
* VLP/55/F	44134	Drum Pump	205 litre (55 gal) drums	10

\* Best Seller

## 105 Rotary Drum Pumps

GNB-25



Most popular pump worldwide, the GROZ Rotary Pump is designed with unique features for maximum convenience

### Dual Directional

Empty as well as refill containers just by the reverse turn of the handle

### Rugged & Heavy Duty

Sturdy cast iron body with precisely machined cast iron vanes for better draw & smoother delivery

Inlet threaded 1"

Pump weighs 6.6 kg (14.5 lbs)

Complete with suction tube, 2" cast iron bung nut & discharge spout

Suitable for use on 50-205 litre (15-55 gallon) drums

### WETTED COMPONENTS

Steel, Cast Iron, NBR / Viton

### RECOMMENDED USE

For Diesel, Kerosene, Heating Oils, Fuel Oil, Motor Oils, Lubricating Oils (upto SAE 90), and other non-corrosive media

### DO NOT USE WITH

Water based media, Antifreeze, Solvents, Acids, Gasoline\* etc.

\*Except on model with viton seals

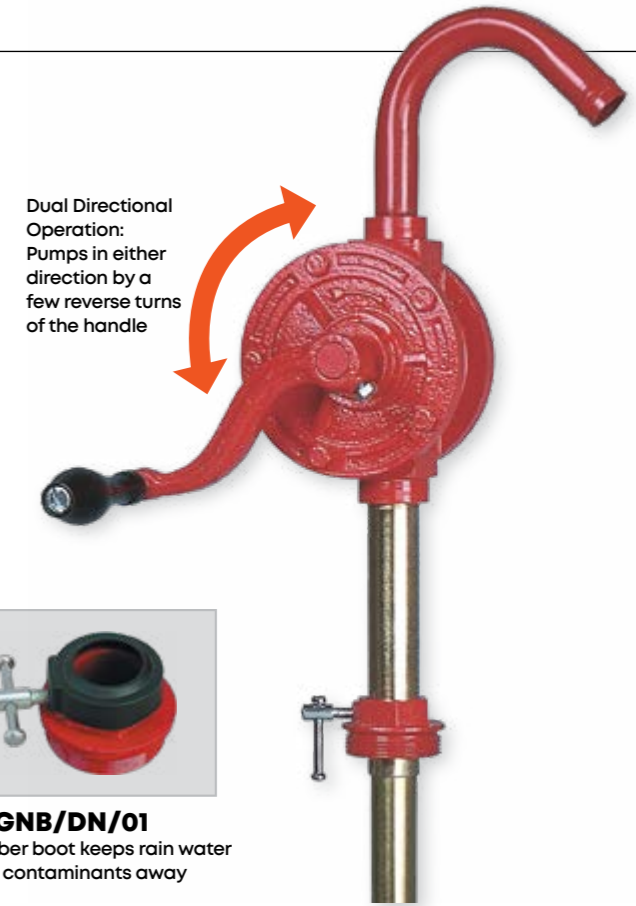
### SPECIFICATIONS

DELIVERS FOR DIESEL FUEL	UPTO	UPTO
	5 LITRE / 20 TURNS	1.30 GALLON / 20 TURNS

### ORDERING INFORMATION

CAT NR.	ORD NR.	SEALS	DISCHARGE SPOUT	SUCTION TUBE	BOX QTY.
* GNB/25T/SPL	44050	NBR	Steel	Telescopic	5
* GNB/25/3R/SPL	44052	NBR	Steel	3 pc. Rigid	4
GNB/25V/3R/SPL	44064	Viton	Steel	3 pc. Rigid	4
GNB/25/3R/PRO	44058	NBR	With 1.8 m hose & metal nozzle	3 pc. Rigid	4
GNB/25T/PRO	44059	NBR	With 1.8 m hose & metal nozzle	Telescopic	5
R/GNB/DN/01	44092	-	Rubber Boot	-	-

\* Best Seller



Dual Directional Operation: Pumps in either direction by a few reverse turns of the handle



**R/GNB/DN/01**  
Rubber boot keeps rain water and contaminants away

### VARIANTS

GNB/25/3R/SPL	GNB/25/3R/PRO
• Complete with 3 pc threaded rigid suction tube	• Complete with 3 pc threaded rigid suction tube, 1.8m hose & metal nozzle

### USEFUL TIPS!

When using with low viscosity media like Diesel, Kerosene etc., pump should be primed by adding 30 ml of media or any oil into the pump outlet

Pump designed for transferring transmission differentials & heavier oils

Zinc plated pump body with aluminium die cast head & adjusting flange

Powder coated steel drum cover

Wear resistant brass piston rings fitted onto zinc die cast piston

Complete with 48"/4' fuel resistant soft PVC hose with nozzle for efficient discharge

Also available complete with steel drum

Available in 3 versions

- a. BLP Series**
  - Pump with drum cover, PVC hose & nozzle
- b. OLP Series**
  - Pump with drum cover, PVC hose nozzle & steel bucket
  - Variable setting on pump handle for use with media of different viscosities

- c. OLP Series with Meter**
  - Pump with drum cover, PVC hose, nozzle, steel bucket & mechanical oil meter
  - Variable setting on pump handle for use with media of different viscosities
  - High pressure positive displacement mechanical meter (litres) with oval gear mechanism for optimum accuracy

**WETTED COMPONENTS**

Steel, Aluminum, Zinc, Brass, NBR, PVC

**RECOMMENDED USE**

Engine Oils, Transmission, Differentials & Heavier Oils

**DO NOT USE WITH**

Water based & other corrosive media



**SPECIFICATIONS**

DELIVERS - BLP	UPTO 60 ML / STROKE	UPTO 2.14 OZ. / STROKE
DELIVERS - OLP	UPTO 100 ML / STROKE	UPTO 3.4 OZ. / STROKE

**ORDERING INFORMATION**

CAT NR.	ORD NR.	DRUM CAPACITY			PUMP LENGTH		DRUM COVER DIA.		BOX QTY.
		(LBS)	(LITRES)	(GAL.)	(INCH)	(MM)	(INCH)	(MM)	
<b>BLP SERIES</b>									
* BLP/02	44150	35	20	5	18	450	12	310	10
BLP/03	44160	120	60	16	30	760	15	381	6
<b>OLP SERIES WITHOUT WHEELS</b>									
OLP/12	44180	26	12	3.17	18	450	8-13/16	224	1
OLP/16	44181	35	16	4.23	20-5/8	524	8-13/16	224	1
<b>OLP SERIES WITH WHEELS</b>									
OLP/12W	44163	26	12	3.17	18	450	8-13/16	224	1
OLP/16W	44164	35	16	4.23	20-5/8	524	8-13/16	224	1
* OLP/30W	44139	66	30	8	24	625	15	381	1
<b>OLP SERIES WITH METER</b>									
* OLP/30/OM100	44162	66	30	8	24	625	15	381	1
<b>SPARES</b>									
HOSE/48/BLP	44340	Spare 48" soft PVC hose							10

\* Best Seller

**VARIANTS**

**BLP SERIES**



**BLP-02**  
For 20 litre / 35 lbs / 5 gal. drums

**BLP-03**  
For 60 litre / 120 lbs / 16 gal. drums

**OLP SERIES - WITHOUT WHEELS**



**OLP-12**  
Complete with 12 litres steel bucket

**OLP-16**  
Complete with 16 litres steel bucket

**OLP SERIES - WITH WHEELS**



**OLP-12W**  
Complete with 12 litres steel bucket with wheels

**OLP-16W**  
Complete with 16 litres steel bucket with wheels

**OLP-30W**  
Complete with 30 litres steel bucket with wheels

**OLP SERIES - WITH METER**



**OLP-30/OM100**  
Complete with 30 litres steel bucket with wheels & mechanical meter (litres)

## 107 Rotary Drum Pump Professional

RB-1



Aluminum Die Cast pump with heavy duty zinc die cast rotor & vanes

Specially designed horizontal outlet makes it easy to install filter/meter

Includes a 2" Cast Iron bung adaptor & die cast aluminum handle with security locking latch

Complete with a 3 pc threaded suction tube for use on 50-205 litre (15-55 gallon) drums

Ideal for use in Industrial & Automotive applications

### WETTED COMPONENTS

Aluminum, Zinc, Steel, NBR/Viton & PVC nitrile\* (\*only for RB/1H)

### RECOMMENDED USE

Gasoline, Diesel, Kerosene, Lubricating oils upto SAE 60 & 100% Antifreeze\*  
\*only for RB/1V

### DO NOT USE WITH

With Corrosive liquids, Solvents, Acids, Alkalis etc.

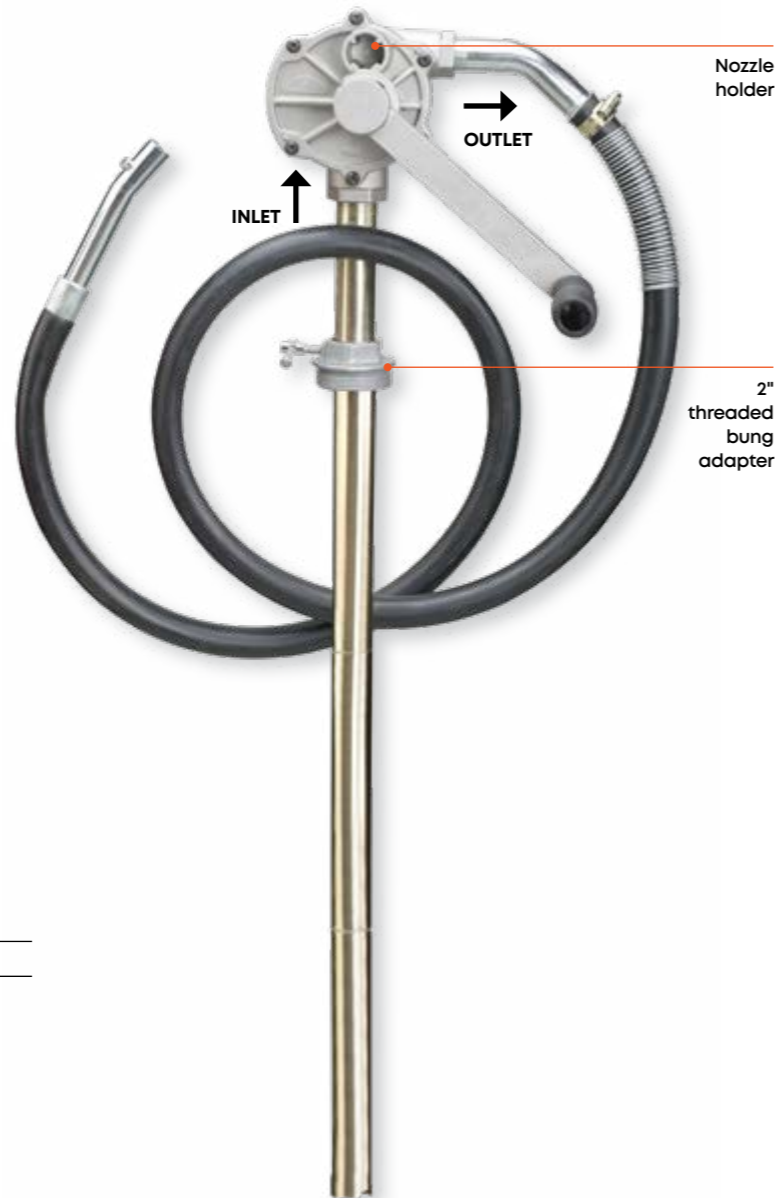
### VARIANTS

RB-1	RB-1H
Pump complete with steel discharge spout	Pump complete with steel discharge spout, 1.8m hose with nozzle, spring & hose clamp

### ORDERING INFORMATION

CAT NR.	ORD NR.	SEALS	DISCHARGE SPOUT	BOX QTY.
RB/1	44030	NBR	Steel	4
RB/1V	44032	VITON	Steel	4
*RB/1H	44031	NBR	1.8 m hose with nozzle, spring & hose clamp	4
*SA/HOS/AA92/A2	44339		Spare 1.8m PVC nitrile delivery hose with metal nozzle, spring and hose clamp	25

\* Best Seller



### SPECIFICATIONS

DELIVERS	UPTO 4 LITRE / 20 ROTATIONS	UPTO 1.05 GALLON / 20 ROTATIONS

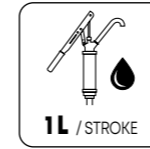
### WARNING

Note fuels containing Ethanol will cause more frequent replacement of rubber parts

Never operate the pump near fire or source of spark. Some media may be explosive & dangerous to pump

## 108 Quart / Litre Stroke Pump

QSP



Heavy Duty Industrial Pump that dispenses measured quantity: 1 quart (1 Litre) per stroke

Extremely useful in applications requiring metered delivery

The pump works on a precision rack & pinion mechanism

### Pump comes with

- Spring Loaded Drain Back Tube for overflow media
- Lockable handle which allows the pump to be pad locked, when not in use
- Lock Nut for positioning the pump outlet in any direction
- Built in 2" Bung Adaptor
- Complete with a telescopic steel suction tube for use with 50-205 litre (15-55 gallon) drums

### WETTED COMPONENTS

Steel, Aluminum, Nitrile Rubber & Acetal

### RECOMMENDED USE

Gear & Lube Oil, Petroleum based Media, Diesel & Kerosene

### DO NOT USE WITH

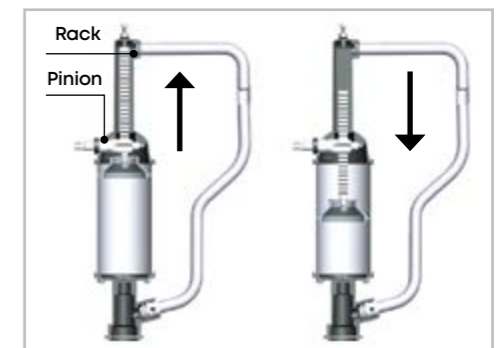
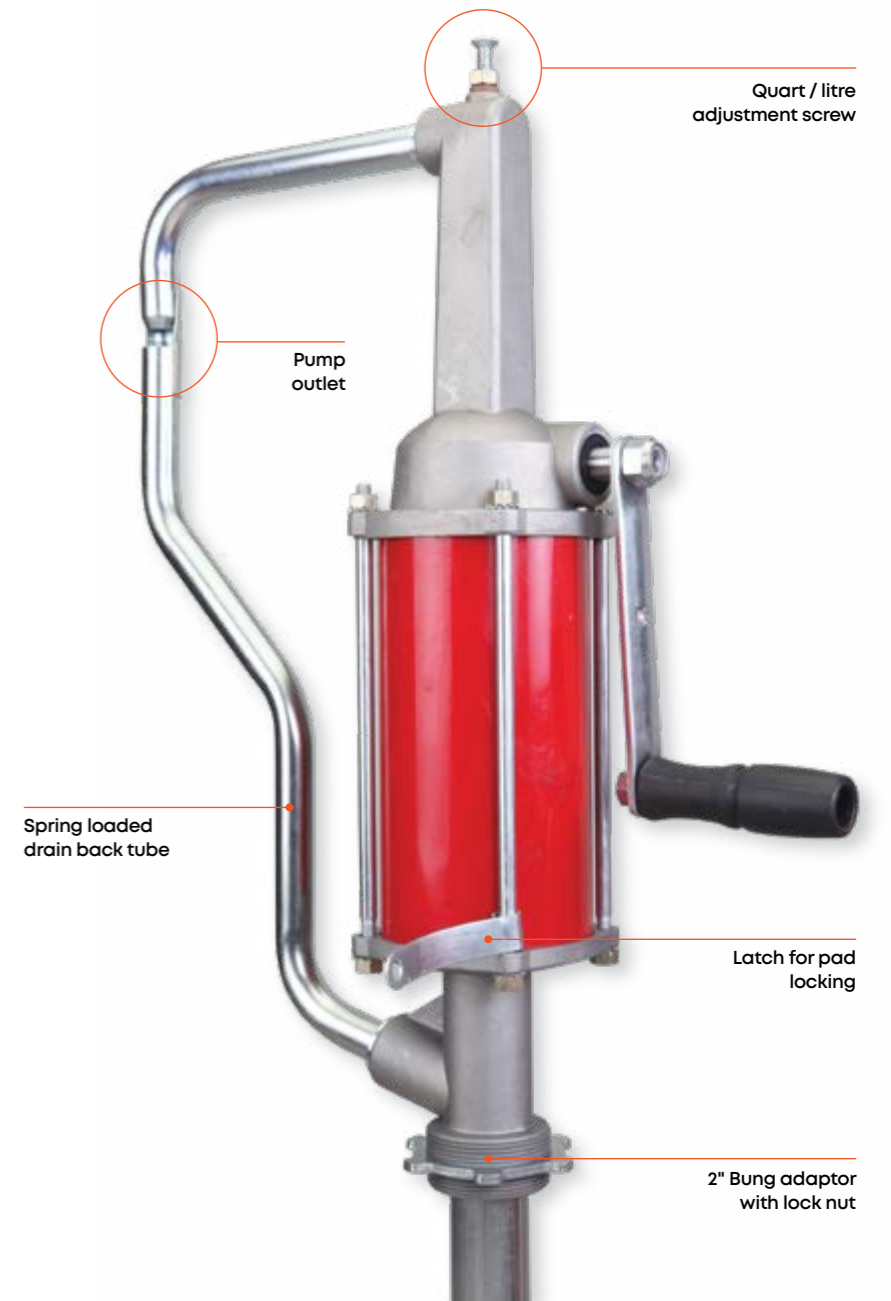
Water Based & other corrosive fluids

### SPECIFICATIONS

DELIVERS	1 LITRE / STROKE	1 QUART / STROKE

### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
QSP/01	44187	4



**109**

**Ezee Flow Pump**

**EZF-DS**



Versatile Pump for use on 20-25 litre / 5 gallon containers with plastic pull out (Rieke® spout) or 2" external threads

**Downstroke operation**

- Fluid discharge when pushing the handle down
- Enhanced ease of use & reduced fatigue especially when pumping heavy fluids
- Reduces pull out stress on the pump bung

Polyethylene pump head with nozzle holder & option to drain back over flow fluid into container

Heavy duty steel suction tube

Pump length can be extended by over 4" (100mm) for use on high depth containers, by conveniently sliding the suction tube extender

**Interchangeable Bung Adaptors**

- The standard bung adaptors can be slid over the pump, when using on containers with external threading
- When using the pump on pails with plastic pull out Rieke® spout, the other bung adaptor for Rieke® spout can be used
- 7 adaptors makes the pump good for use with most metal & plastic containers

Supplied complete with Rigid Steel Discharge Spout & 48" long Spring embedded non kink discharge hose fitted with non-drip

**WETTED COMPONENTS**

Steel, Aluminum, Polyethylene, Polypropylene, High Nitrile Rubber, PVC & Acetal

**RECOMMENDED USE**

Engine Oils, Gear Oils, Diesel and Light Fuel Oil, Antifreeze & Glycerine

**DO NOT USE WITH**

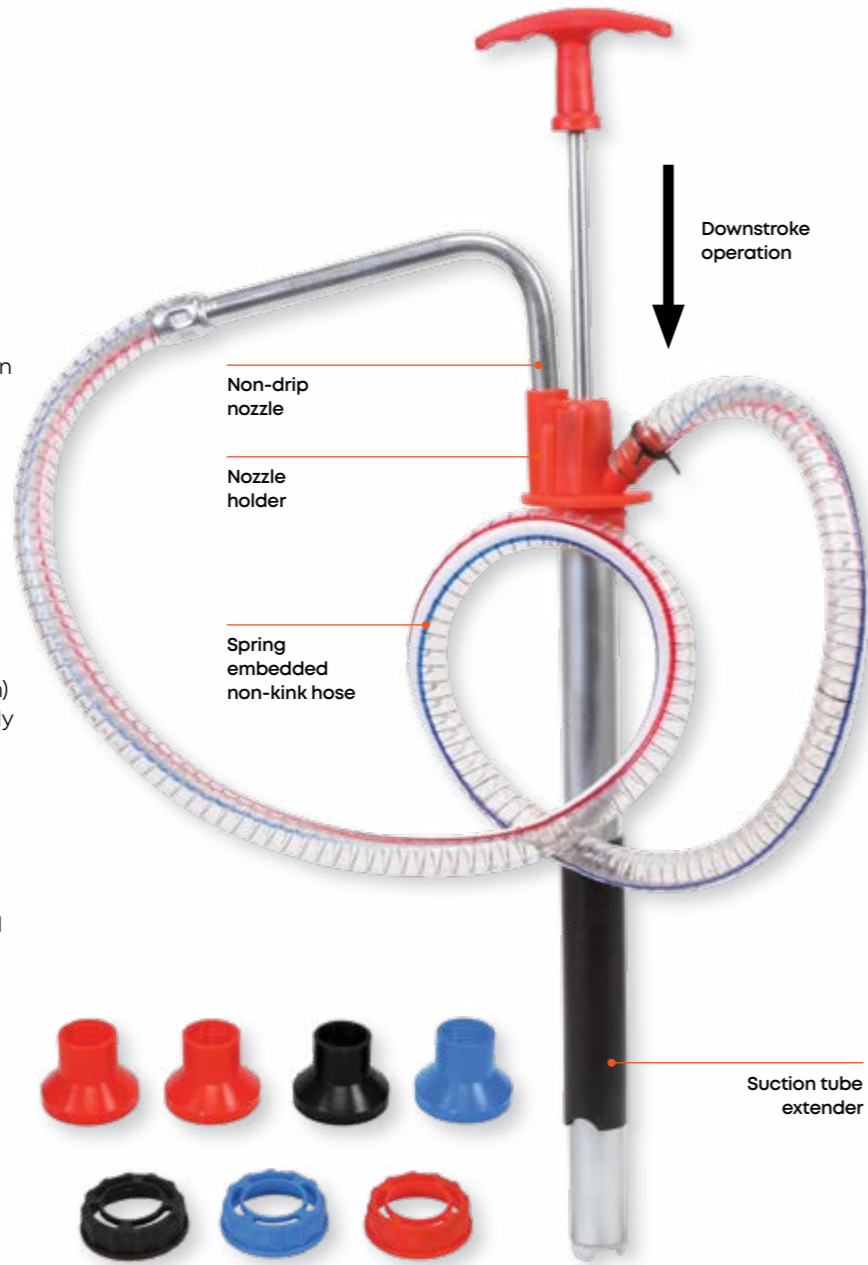
Water based & other corrosive media

**ORDERING INFORMATION**

CAT NR.	ORD NR.	PUMP LENGTH		SUCTION TUBE OUTER DIA.		BOX QTY.
		(INCH)	(MM)	(INCH)	(MM)	
EZF/DS/20	44183	12.7 - 17	323 - 435	1	25.4	25

**SPECIFICATIONS**

DELIVERS	UPTO 1 LITRE / 18 STROKES	UPTO 1 QUART / 18 STROKES



**110**

**Ezee Flow Pump Premium**

**EZF-PR**



Versatile Pump for use on 20-25 litre / 5 gallon containers with 2" bung

**Downstroke Operation**

- Fluid discharge when pushing the handle down
- Enhanced ease of use and reduced fatigue especially when pumping heavy fluids
- Reduces pull-out stress on the pump bung

High density polyethylene pump head incorporates a nozzle holder & option to drain back over from fluid back into the container

Heavy duty steel suction tube

Drum Filler Plug on the head helps in refilling the drum on which it is mounted without removing the pump from the drum.

Pump length can be extended upto 4" (100 mm) for use on high depth containers, by conveniently sliding the suction tube extender

Ergonomic D-Handle grip for easy operation. Slot in handle for fixing colour coding labels

Supplied with 48" long spring embedded non kink discharge hose fitted with steel discharge spout with non-drip

Hose clamping nut for easy assembly of hose

**WETTED COMPONENTS**

Steel, Aluminum, Polyethylene, Polypropylene co Polymer, Viton, PVC and Nylon

**RECOMMENDED USE**

Engine oils, Gear Oils, Diesel and Light Fuel Oil, Antifreeze, Glycerine

**DO NOT USE WITH**

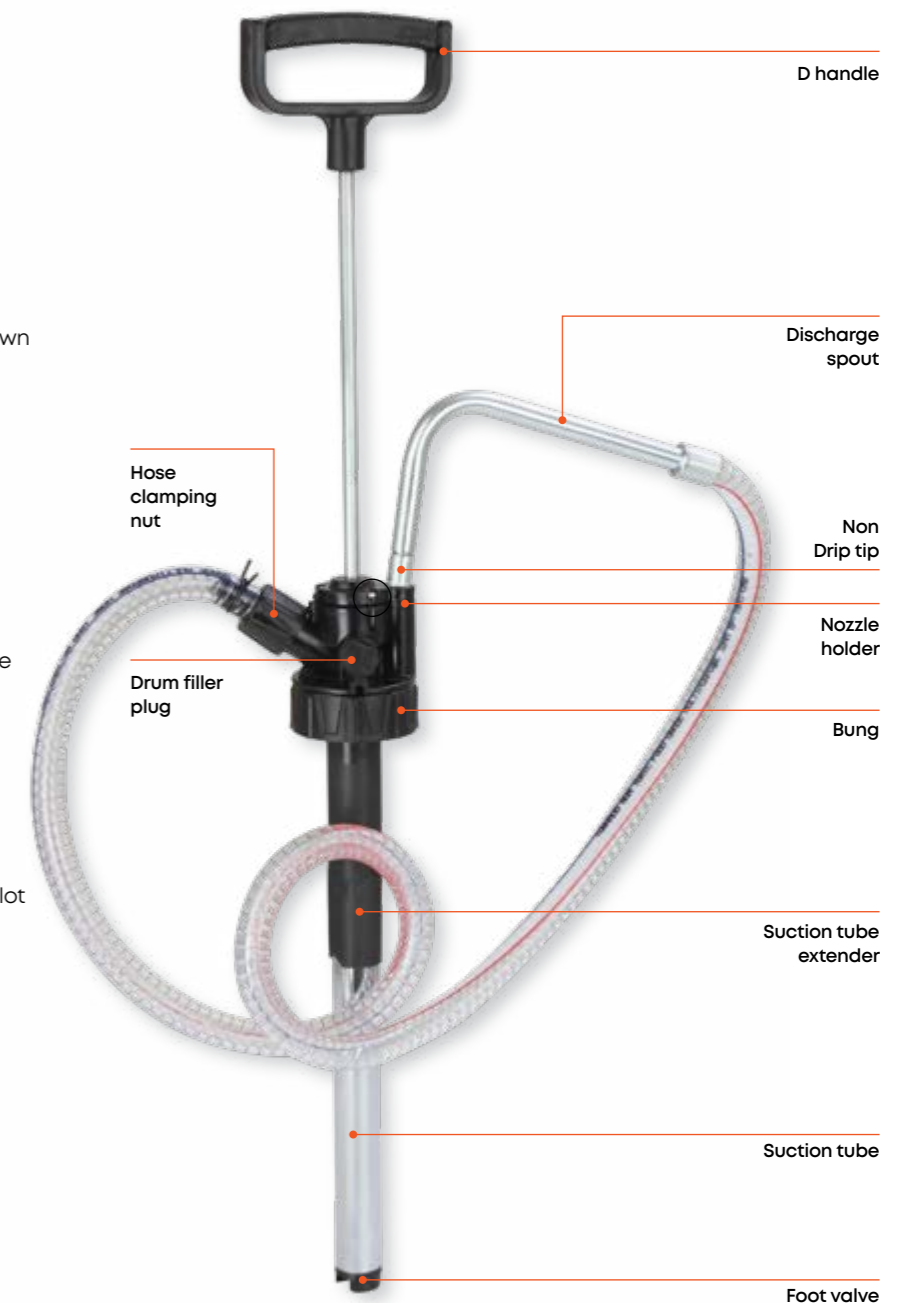
Urea, Kerosene, Laquers, other water based and corrosive media

**ORDERING INFORMATION**

CAT NR.	ORD NR.	PUMP LENGTH		SUCTION TUBE OUTER DIA.		BOX QTY.
		(INCH)	(MM)	(INCH)	(MM)	
EZF/PR/20	44165	13.2 - 17.5	335 - 445	1	25.4	20

**SPECIFICATIONS**

DELIVERS	UPTO 0.91 LITRE / 14 STROKES	UPTO 0.9 QUART / 14 STROKES





An easy to use, highly convenient, pump that dispenses oils with the press of the trigger

#### Single Hand Operation

No levers, no rotary action needed

#### Spring Loaded Mechanism

- Charges pump for continuous dispensing of media with a single charge
- Pump is charged by pressing the pump handle down
- Handle stays in the pressed position & keeps rising as media is dispensed from the nozzle
- A single charge gives upto 500 ml of output

Built in 2" male threads on the pump head

Drain back port in the pump head minimizes wastage & spillage of over flown media

Complete with 5' PVC hose fitted with an oil control gun

Designed for use with 60 Litre Drums popular in Australia & New Zealand

#### WETTED COMPONENTS

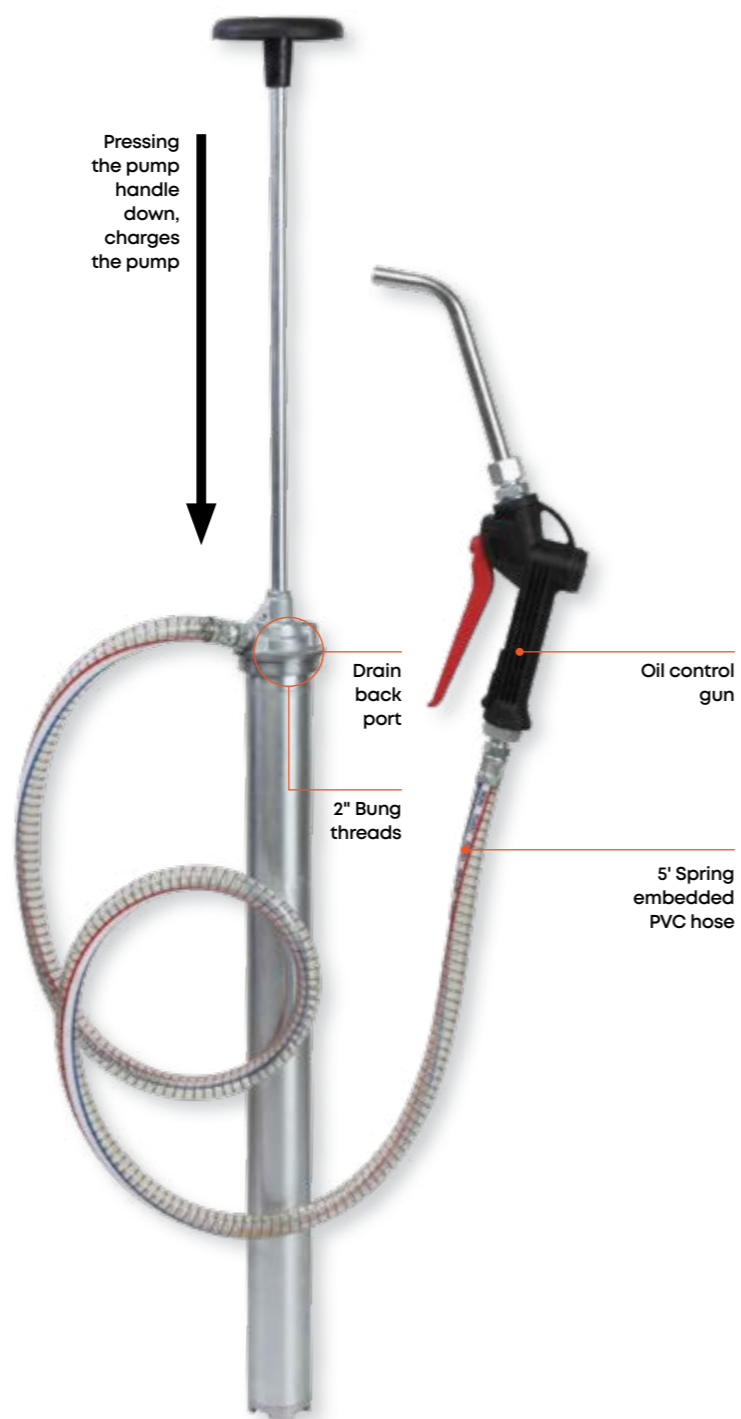
Steel, Aluminum, Zinc, Brass, NBR, Polypropylene & PVC

#### RECOMMENDED USE

Engine & Gear Oils upto SAE 140, Automatic Transmission Fluids

#### DO NOT USE WITH

Water based & other corrosive media



#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
SLP/60	44135	5

Fit onto any 2" threaded opening on a drum, barrel or tank

Used as

- A drain for returning over flown media back to the drum
- Base for holding container during dispensing

Keep work place clean & eliminates wastage, saving money each time the pump is used

#### Available in 2 styles

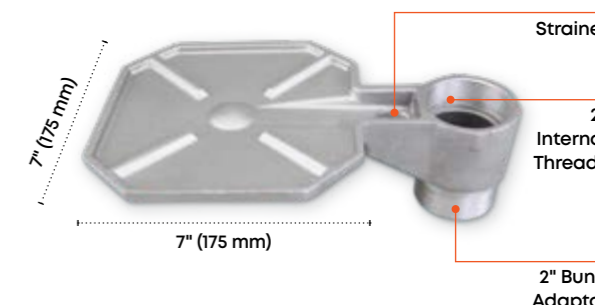
- Cast Iron type: For use on pumps with a suction tube - diameter equal or less than 1.32" (33.5 mm)
- Cast Aluminum type: With 2" external & internal threads. Design allows any pump with a 2" bung to fit onto the Drip Pan

#### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
DP/GNB/25	44075	10
DP/AL/2	44076	10



**DP/GNB/25**  
With Cast Iron Body



**DP/AL/2**  
With Aluminium Body

Cast iron bung nuts / adaptors for use on standard 2" drums

Plated spindle with Tommy Bar to firmly hold suction tube



#### ORDERING INFORMATION

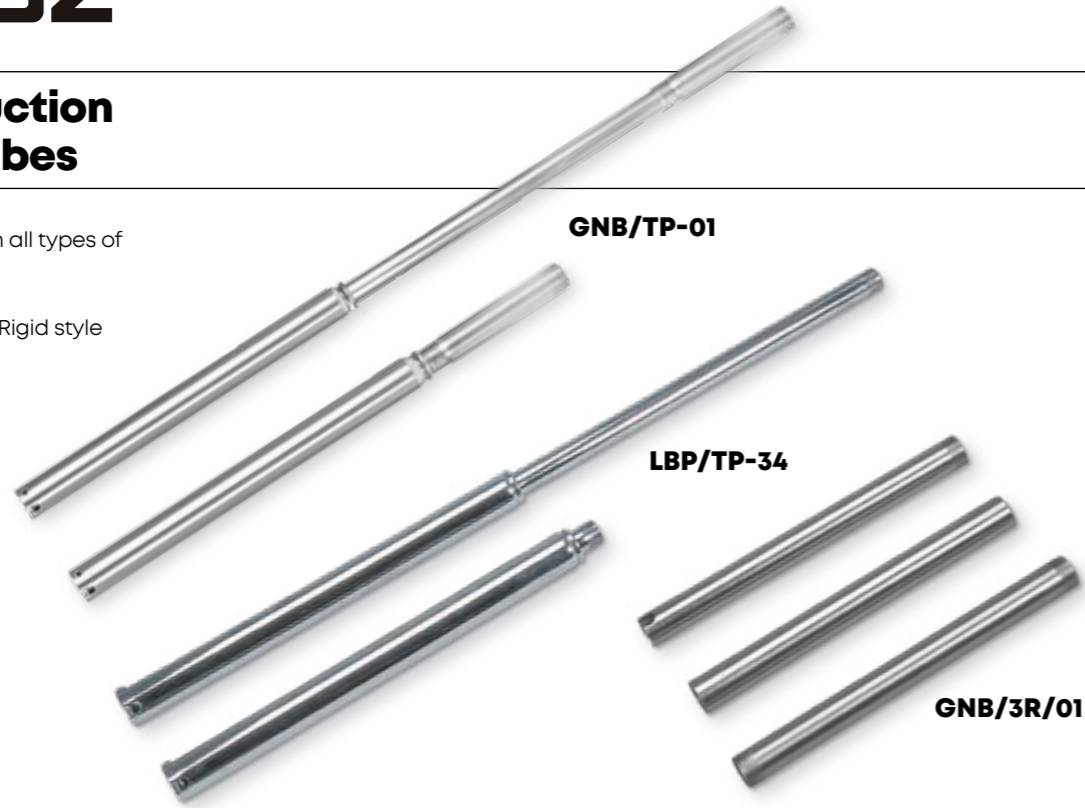
CAT NR.	ORD NR.	COLOR / DESCRIPTION	SUITABLE FOR SUCTION TUBES WITH DIA. UPTO		FOR USE WITH GROZ PUMP SERIES	BOX QTY.
			(INCH)	(MM)		
GNB/DN/3-4	44380	Red	1.09	27.5	GNB-20	30
GNB/DN/0-1	44381	Red	1.27	32.5	GNB-25	30
GNB/DN/0-2	44382	Red	1.5	38	LLP/SS, VLP/SS	30
GNB/DN/0-2/SLV	44383	Silver Grey	1.5	38	RB-1, RB-3	30
BN/RBP/3V	44384	Black	1	26	RBP/3V	30
BN/RBP/3V/F	44388	Black with Flame Arrestor	1	26	RBP/3V (FM Approved Pumps)	30

## 114 Suction Tubes

Suction tubes, for use with all types of drum pumps

Available in telescopic or Rigid style

Other sizes can be custom manufactured

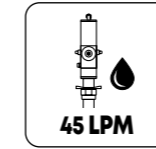


### ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	TUBE MATERIAL	SEAL	LENGTH		THREADS	FOR USE WITH GROZ PUMP SERIES	BOX QTY.
					(INCH)	(MM)			
<b>TELESCOPIC</b>									
GNB/TP/3-4	44300	Telescopic	Steel	Nitrile Rubber	24-7/32 - 39-3/4	615 - 1012	3/4" BSPT (M)	GNB-20	20
GNB/TP/3-4F/N	44305	Telescopic with Filter Screen at Inlet	Steel	Nitrile Rubber	24-7/32 - 40-3/32	608-1018	3/4" NPT (M)	RBP-3V	20
LBP/TP/3-4	44302	Telescopic	Steel	Nitrile Rubber	17-11/16 - 34-7/16	475 - 875	3/4" NPT (M)	LBP-04, LBP-06, LBP-96	20
LBP/TP/3-4/NR	44304	Telescopic with Non Return Valve at Inlet	Steel	Nitrile Rubber	19-3/8 - 34-27/32	492 - 885	3/4" NPT (M)	QSP-01, DPP-1	20
LBP/TP/3-4/PVC	44306	Telescopic	PVC	Nitrile Rubber	18-3/32 - 34-7/6	460-875	3/4" NPT (M)	LBP-04, LBP-06, LBP-96	20
PLP/TP/3-4	44307	Telescopic	Polypropylene & Polyethylene	Viton	13-3/4, 25-3/8 & 40	350, 645 & 1000	3/4" PF (M)	PLP-02	20
GNB/TP/0-1	44301	Telescopic	Steel	Nitrile Rubber	24-13/32 - 41	620-1044	1" BSPT (M)	GNB-25	20
LBP/TP/1-20/NR	44308	Telescopic with Non Return Valve at Inlet	Steel	Nitrile Rubber	19-1/2 - 34-27/32	495 - 885	1"-20 UNEF (M)	ORP-51	20
A2/TP/1-20	44309	Telescopic	Steel	Nitrile Rubber	13-3/16 - 26	335 - 660	1"-20 UNEF (M)	A2	25
A2/TP/SPL/1-20V	44310	Telescopic	Steel	Viton	17-23/32 - 34-27/32	450 - 885	1"-20 UNEF (M)	LBP-85	25
<b>RIGID</b>									
EBP/2R/01	44311	2 pc Rigid Pipe	PVC	-	17-1/2 - 35-1/4	445 - 895	31/32 - 20 UNF (M)	EBP-01	50
GNB/3R/0-1	44303	3 pc Rigid Pipe	Steel	-	13-3/4, 26-3/8 & 39-3/8	350, 670 & 1000	1" BSPT (M)	GNB-25, RB-1, RB-3	20
FPM/2R/N	44312	2 pc Rigid Pipe	Steel	-	17.0 - 34.0	430 - 863	1" NPT (M)	FPM, OPM	20
PRP/3R	44313	3 pc Rigid Pipe	Polypropylene	-	16-23/32, 31-3/32 & 45-9/32	425, 790 & 1150	Special Non Std.	PRP, ERP	25

## 115 Air Operated Transfer Pump

ATP



**The New Air Operated Fluid Transfer Pump**  
Ideal for quick & safe transfer of fluids in industrial and workshop applications

- Pump complete with:
- Air Pressure Regulator: Factory set at 5 PSI (0.3 BAR) for controlled air supply into the drum
  - 1/4" spring loaded safety valve to prevent pressure build-up in the pump system
  - 2 Pc Suction Tube: Suitable for use on 50-205 litre (15-55 gallon) drums with 1-1/2" or 2" opening
  - 6' (1.85m) x Ø 1" (25mm) discharge hose & steel spout

### Available in two versions

	STEEL SUCTION TUBE	STAINLESS STEEL SUCTION TUBE
<b>WETTED COMPONENTS</b>	Steel, Cast Iron, Brass & NBR*	Stainless Steel, Cast Iron, Brass & NBR*
<b>RECOMMENDED USE</b>	Diesel, Kerosene & Oils	Water & Water Based Media, Corrosive media, Diesel, Kerosene & Oils
<b>DO NOT USE WITH</b>	Gasoline, Lacquer, Thinners, etc.	Gasoline, Lacquer, Thinners, etc.

\*only for version with discharge hose

### SPECIFICATIONS

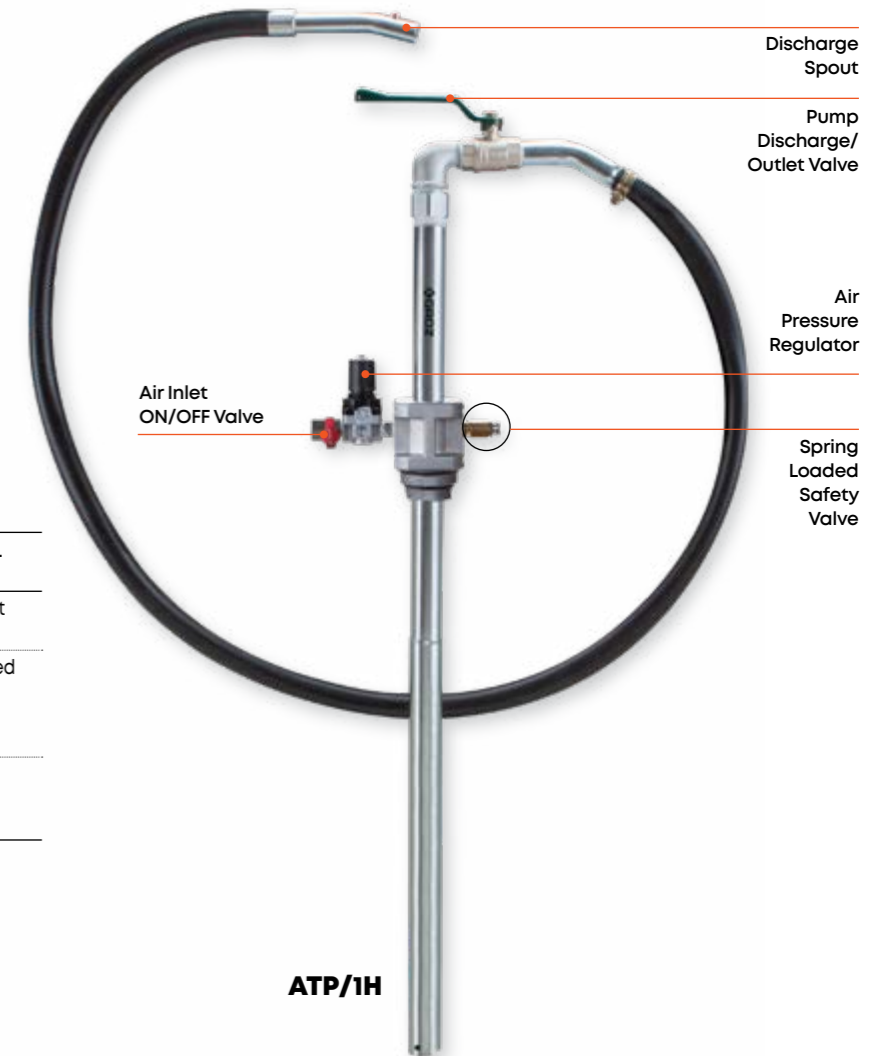
<b>*FLOW RATE</b>	UPTO 45 LPM	UPTO 12 GPM
<b>MAX. AIR PRESSURE</b>	0.3 BAR	5 PSI
<b>AIR INLET CONNECTION</b>	1/4" (F)	
<b>BUNG SIZE</b>	1-1/2" & 2"	

\*Measured at pump outlet tested using water

### ORDERING INFORMATION

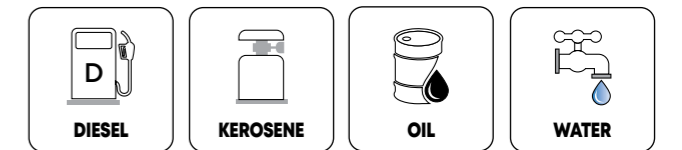
CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
ATP/1	45317	Pump with steel suction tube	4
ATP/1H	45318	Pump with steel suction tube & discharge hose	4
ATP/SS/1	45319	Pump with stainless steel suction tube	4
ATP/SS/1H	45314	Pump with stainless steel suction tube & discharge hose	4

**NEW!**



ATP/1H

### FLUIDS

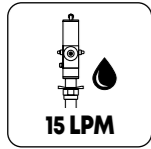


\*for SS suction tube pumps

### WARNING

Pump must be supplied with clean & dry compressed air.  
The standard pump configuration is also not suitable for use with flammable media such as Gasoline.  
For the pump to operate, drum must be sealed ensuring no air outlet to maintain pressure.





Compact Air operated 5:1 Ratio Pump  
Dispense oils upto 5 times the pressure as the air inlet

Operates off most small compressors with size as small as 0.08 cubic meter/minute (3 CFM)

Commonly used in workshops, farm, construction machinery or as a part of a Mobile oil system

Reciprocating piston operated 2.83" (72 mm ) air motor

Non corroding air motor design (composite construction) allows the pump to be used without an air line lubricator

Built-In pressure relief valve prevents both the pump & system against damage created by excessive pressure due to thermal expansion

Stub pump designed with dual inlet threads 1" NPT (F) & 1" UNEF (F), allowing the user to make his own suction tube for any drum / tank depth

Ideal for use over long distances upto 50 metres (164')

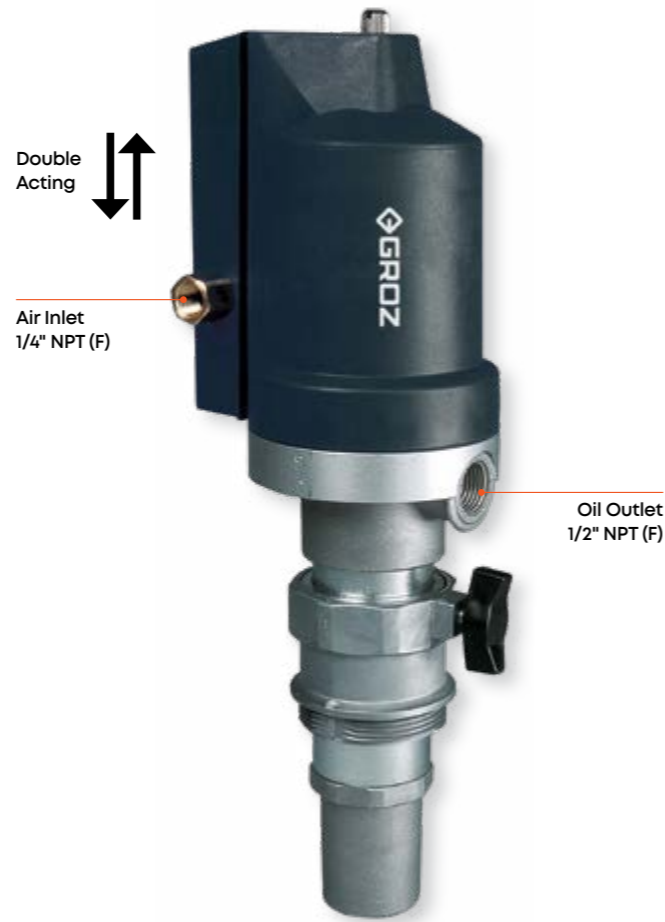
Complete with 2" bung nut to fit directly onto oil drums

**WETTED COMPONENTS**

Aluminum, Zinc, Steel, Brass, nitrile & Polyurethane Rubber

**RECOMMENDED USE**

For use with Oils to SAE 140, ATF, Diesel, Kerosene, and Soft Self Collapsing Grease



**SPECIFICATIONS**

AIR INLET CONNECTION	1/4" NPT (F)	
PUMP OUTLET CONNECTION	1/2" NPT (F)	
WORKING PRESSURE	60-150 PSI	4-10 BAR
MAXIMUM AIR PRESSURE	150 PSI	10 BAR
MAXIMUM MEDIA OUTLET PRESSURE	750 PSI	50 BAR
AIR CONSUMPTION	72 GPM	270 LPM
FLOW RATE	UPTO 4 GPM	UPTO 15 LPM
MAXIMUM VISCOSITY OF OIL	140 SAE	
NOISE LEVEL	85 db	

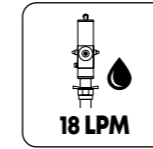
**WARNING**

Pump must be supplied with clean & dry compressed air via an FR unit

**ORDERING INFORMATION**

CAT NR.	ORD NR.	DESCRIPTION	OIL OUTLET	BOX QTY.
* ORP/51/N	45310	Stub Pump Only	1/2" NPT (F)	10
ORP/51T/N	45311	Pump complete with 1" Telescopic Suction Tube	1/2" NPT (F)	4

\* Best Seller



Heavy Duty Industrial grade air operated oil pump designed for unmatched performance in demanding conditions

Dispenses oil upto 6.5 times the pressure as air inlet

All metal construction, fully CNC machined with hardened wear resistant moving parts

Reciprocating piston operated 3" (76 mm) dia. air motor

**Stall Free & Ice Free Motor**

Tough durable housing with integrated muffler for quiet operation

**Single Acting Pump**

For dispensing high viscosity oils (upto SAE 240) for transferring over short & long distances upto 60 metres (196')

**Low Maintenance Pump**

Advanced, rugged design with few moving parts & no special maintenance tools make the pump servicing convenient

Stub pump comes with 2 additional threaded tubes for use on drums upto 205 litre (55 gal.)

**WETTED COMPONENTS**

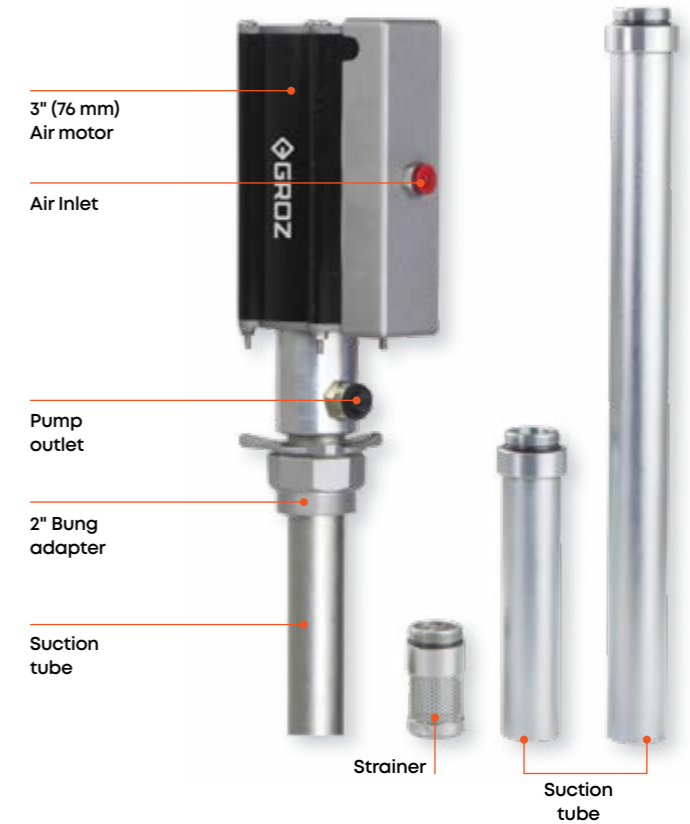
Steel, Brass, Aluminum, Turcite, Polyurethane, NBR



**ORDERING INFORMATION**

CAT NR.	ORD NR.	THREADS	BOX QTY.
OPH/S-T3/61/BSP	45363	BSP	4
OPH/S-T3/61/N	45368	NPT	4

**NEW!**



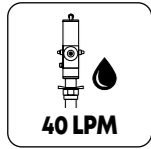
**SPECIFICATIONS**

WORKING PRESSURE	30-150 PSI	2-10 BAR
MAX. AIR PRESSURE	150 PSI	10 BAR
AIR INLET CONNECTION	1/4" (F)	
MAX MEDIA OUTLET PRESSURE	975 PSI	65 BAR
AIR CONSUMPTION	66 GPM	250 LPM
PUMP OUTLET CONNECTION	1/2" (F)	
PUMP INLET	1" (F)	
FLOW RATE	UPTO 4.76 GPM	UPTO 18 LPM
NOISE LEVEL	82 db	

**118**

**Air Operated Oil Ratio Pumps 1:1**

OP-11



1:1 air operated oil pump designed with a double acting mechanism for quick transfer of oil from large drums to smaller containers

All metal construction, fully CNC machined with hardened wear resistant parts

Reciprocating piston operated 2-1/2" (63mm) air motor

Use with low to medium viscosity oils upto SAE 80

Recommended Transfer Distance: Upto 5 metres

Air Consumption: 270 LPM (71.5 GPM)

**WETTED COMPONENTS**

Steel, Brass, Aluminum, Zinc, Hi Nitrile Rubber, Polyurethane & Nylon\*\*



**WARNING**

Pump must be supplied with clean & dry compressed air via an FRL unit

**VARIANTS**

<b>OP/S/11B</b> Stub pump with bung adaptor and foot valve Inlet threaded: 1" (F)	<b>OP/S-T3/11B</b> Stub pump with spare two piece threaded suction tube, bung adaptor and foot valve	<b>OP/T2/11B</b> Pump complete with suction tube for <b>50-60 litre (16 gal)</b> drums & bung adaptor	<b>OP/T3/11B</b> Pump complete with suction tube for <b>205 litre (55 gal.)</b> drums & bung adaptor	<b>ODS/T3/11B</b> Pump complete with suction tube for <b>205 litre (55 gal)</b> drums, bung adaptor, oil bar tap & fittings

**ORDERING INFORMATION**

CAT NR.	ORD NR.	CAT NR.	ORD NR.	BOX QTY.
BSP THREADS		NPT THREADS		
OP/S/11B/BSP	45322	OP/S/11B/N	45323	4
◆ OP/S-T3/11B/BSP	48871	OP/S-T3/11B/N	48858	4
OP/T2/11B/BSP	45332	OP/T2/11B/N	45333	4
★ OP/T3/11B/BSP	45342	★ OP/T3/11B/N	45343	4
ODS/T3/11B/BSP	45355	ODS/T3/11B/N	45356	4

★ Best Seller ◆ New

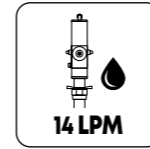
**SPECIFICATIONS**

FLOW RATE	UPTO 40 LPM	UPTO 10.5 GPM
WORKING PRESSURE	30-150 PSI	2-10 BAR
MAX. AIR PRESSURE	150 PSI	10 BAR
AIR INLET CONNECTION	1/4" (F)	
PUMP OUTLET CONNECTION	1/2" (F)	
PUMP INLET ON STUB PUMPS ONLY	1" (F)	
NOISE LEVEL	81 db	

**119**

**Air Operated Oil Ratio Pumps 3:1**

OP-31



Most popular air operated oil pumps for quick oil transfer over distances upto 30metres

All metal construction, fully CNC machined with hardened wear resistant parts

Reciprocating piston operated 2-1/2"(63mm) air motor

Use with medium to high viscosity oils upto SAE 130

Recommended Transfer Distance: Upto 30 metres

Air Consumption: 230 LPM (61 GPM)

**WETTED COMPONENTS**

Steel, Brass, Aluminum, Zinc, Hi Nitrile Rubber, Polyurethane & Turcite



**WARNING**

Pump must be supplied with clean & dry compressed air via an FRL unit

**VARIANTS**

<b>OP/S/31B</b> Stub pump with bung adaptor and foot valve Inlet threaded: 1" (F)	<b>OP/S-T3/31B</b> Stub pump with spare two piece threaded suction tube, bung adaptor and foot valve	<b>OP/T2/31</b> Pump complete with suction tube for <b>50-60 litre (16 gal.)</b> Drums & bung adaptor	<b>OP/T3/31B</b> Pump complete with suction tube for <b>205 litre (55 gal.)</b> drums & bung adaptor

**ORDERING INFORMATION**

CAT NR.	ORD NR.	CAT NR.	ORD NR.	BOX QTY.
BSP THREADS		NPT THREADS		
OP/S/31B/BSP	45320	★ OP/S/31B/N	45321	4
◆ OP/S-T3/31B/BSP	48872	OP/S-T3/31B/N	48859	4
OP/T2/31B/BSP	45330	OP/T2/31B/N	45331	4
★ OP/T3/31B/BSP	45340	★ OP/T3/31B/N	45341	4

★ Best Seller ◆ New

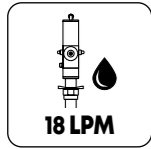
**SPECIFICATIONS**

FLOW RATE	UPTO 14 LPM	UPTO 3.7 GPM
WORKING PRESSURE	30-150 PSI	2-10 BAR
MAX. AIR PRESSURE	150 PSI	10 BAR
AIR INLET CONNECTION	1/4" (F)	
PUMP OUTLET CONNECTION	1/2" (F)	
PUMP INLET ON STUB PUMPS ONLY	1" (F)	
NOISE LEVEL	81 db	

# 120

## Air Operated Oil Ratio Pumps 5:1

OP-51



High pressure pump designed with a double acting mechanism for dispensing oil at 5 times the air inlet pressure

All metal construction, fully CNC machined with hardened wear resistant parts

Reciprocating piston operated 2-1/2"(63mm) air motor

Use with low to medium viscosity oils upto SAE 240

Recommended Transfer Distance: Upto 50 metres

Air Consumption: 250 LPM (66 GPM)

### WETTED COMPONENTS

Steel, Brass, Aluminum, Zinc, Hi Nitrile Rubber, Polyurethane & Turcite



### WARNING

Pump must be supplied with clean & dry compressed air via an FRL unit

### VARIANTS

	<b>NEW!</b> 		
OP/S/51B	OP/S-T3/51B	OP/T2/51B	*OP/T3/51B
Stub Pump with Bung Adaptor and Foot Valve Inlet threaded: 1" (F)	Stub Pump with spare two piece threaded suction tube, Bung Adaptor and Foot Valve	Pump complete with Suction Tube for <b>50-60 litre (16 gal.)</b> drums & bung adaptor	Pump complete with Suction Tube for <b>205 litre (55 gal.)</b> drums & bung adaptor

### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	BOX QTY.
BSP THREADS		NPT THREADS		
OP/S/51B/BSP	45324	*OP/S/51B/N	45325	4
◆ OP/S-T3/51B/BSP	48873	OP/S-T3/51B/N	48860	4
OP/T2/51B/BSP	45334	OP/T2/51B/N	45335	4
*OP/T3/51B/BSP	45344	*OP/T3/51B/N	45345	4

\* Best Seller ◆ New

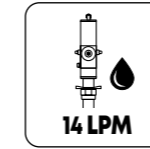
### SPECIFICATIONS

FLOW RATE	UPTO 18 LPM	UPTO 4.76 GPM
WORKING PRESSURE	30-150 PSI	2-10 BAR
MAX. AIR PRESSURE	150 PSI	10 BAR
AIR INLET CONNECTION	1/4" (F)	
PUMP OUTLET CONNECTION	1/2" (F)	
PUMP INLET ON STUB PUMPS ONLY	1" (F)	
NOISE LEVEL	81 db	

# 121

## Air Operated Stainless Steel Ratio Pump - 3:1

OP-SS



Ideal for use with water based fluids, detergents etc. in garages workshops, car washers, lube trucks, industrial applications etc.

Wetted components are made out of Stainless Steel for protection against corrosion

Reciprocating piston operated 2-1/2" (63 mm) dia. Air Motor

Built in Stainless Steel Strainer at inlet keeps contaminants away

Includes 2" Die Cast Aluminium bung for use with 205 Litre (55 gallons) drums

### WETTED COMPONENTS

Stainless Steel, Brass, Aluminium, Hi-Nitrile Rubber, Polyurethane, Turcite

### RECOMMENDED USE

Water, water soluble lubricants, coolants, soap solutions, detergents, windshield fluids etc.

### DO NOT USE WITH

Food Grade media, waste oil or any media not compatible with the pump components

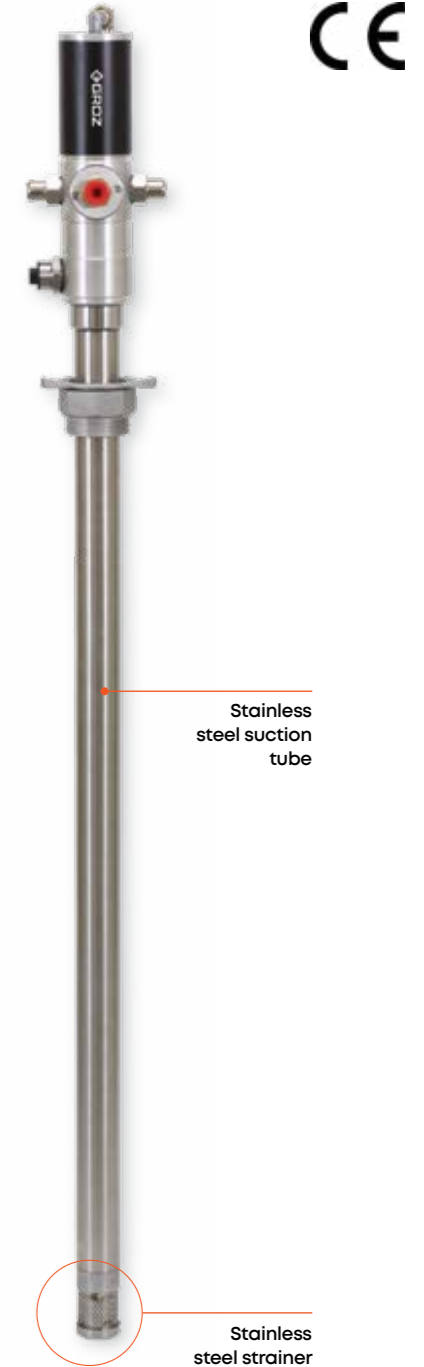
### SPECIFICATIONS

FLOW RATE	UPTO 14 LPM	UPTO 3.70 GPM
WORKING PRESSURE	2 - 10 BAR	30 to 150 PSI
MAX. AIR INLET PRESSURE	10 BAR	150 PSI
MAX. MEDIA OUTLET PRESSURE	450 PSI	30 BAR
AIR CONSUMPTION	230 LPM	(61 GPM)
AIR INLET CONNECTION	1/4" (F)	
PUMP OUTLET CONNECTION	1/2" (F)	
NOISE LEVEL	81 db	

### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
OP/T3/SS/BSP	45360	BSP	4
*OP/T3/SS/N	45365	NPT	4

\* Best Seller



### WARNING

Pump must be supplied with clean & dry compressed air via an FRL unit

#### TMK-OP3



#### KIT INCLUDES

<b>A</b>	<b>3:1 Air Operated Oil Ratio Pump</b>
<b>B</b>	<b>Digital Oil Control Gun</b> Aluminium body gun with 1/2" swivel, flexible hose with manual non-drip nozzle Digital Meter: Accuracy ±0.5% Least Count: 0.001 unit
<b>C</b>	<b>Discharge Hose</b> 11' x 1/2" I.D. (3.4m x 12.7 mm I.D.) - SAE100 R1
<b>D</b>	<b>Drum Trolley - Heavy Duty</b> Manufactured from 4 mm thick steel sheet in powder coated finish Front Wheels: 6" (150 mm) polyurethane with nylon rim Rear castors with toe lock
<b>E</b>	<b>Filter-Regulator Combination &amp; Lubricator with Pressure Gauge (FRCLM)</b> Port Size: 1/4" Type: Miniature Filter: 40 micron



#### WETTED COMPONENTS

Steel, Brass, Aluminium, Zinc, Polyurethane, Turcite & Hi-Nitrile Rubber

#### RECOMMENDED USE

Transferring medium to high viscosity oils (upto SAE130) over short distances upto 30m

#### SPECIFICATIONS

FLOW RATE	UPTO 3.70 GPM	UPTO 14 LPM
WORKING PRESSURE	30-150 PSI	2-10 BAR
MAX. AIR PRESSURE	150 PSI	10 BAR
MAX. OUTLET PRESSURE	450 PSI	30 BAR
AIR INLET CONNECTION	1/4" (F)	
PUMP OUTLET	1/2" (F)	
AIR CONSUMPTION	61 GPM	230 LPM
NOISE LEVEL	81 db	

#### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
TMK/OP3/A/BSP	45830	1/8" BSPT	1
TMK/OP3/A/N	45835	1/8" NPT	1

#### TMK-OP3H

**NEW!**



#### KIT INCLUDES

<b>A</b>	<b>3:1 Air Operated Oil Ratio Pump</b>
<b>B</b>	<b>Digital Oil Control Gun</b> Aluminium body gun with 1/2" swivel. Includes flexible hose with manual non-drip nozzle Digital Meter: Accuracy ±0.5% Least Count: 0.001 unit
<b>C</b>	<b>Oil Hose Reel - Heavy Duty Dual Arm Steel Reel</b> Hose I.D.: 1/2" (12.7 mm) Hose Length: 10 meter (32.8') Maximum Pressure: 2000 PSI (138 BAR)
<b>D</b>	<b>Drum Trolley - Heavy Duty</b> Manufactured from 4 mm thick steel sheet in powder coated finish Front Wheels: 6" (150 mm) polyurethane with nylon rim Rear castors with toe lock
<b>E</b>	<b>Filter-Regulator Combination with Pressure Gauge (FRC)</b> Port Size: 1/4" Type: Miniature Filter: 40 micron
<b>F</b>	<b>Feeder Hose</b> Connects pump outlet to the hose reel inlet Length: 1.5m (5')



#### WETTED COMPONENTS

Steel, Brass, Aluminium, Zinc, Polyurethane, Turcite & Hi-Nitrile Rubber

#### RECOMMENDED USE

Transferring medium to high viscosity oils (upto SAE130) over short distances upto 30m

#### SPECIFICATIONS

FLOW RATE	UPTO 3.70 GPM	UPTO 14 LPM
WORKING PRESSURE	30-150 PSI	2-10 BAR
MAX. AIR PRESSURE	150 PSI	10 BAR
MAX. OUTLET PRESSURE	450 PSI	30 BAR
AIR INLET CONNECTION	1/4" (F)	
PUMP OUTLET	1/2" (F)	
AIR CONSUMPTION	61 GPM	230 LPM
NOISE LEVEL	81 db	

#### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
TMK/OP3H/A/BSP	45832	1/8" BSPT	1
TMK/OP3H/A/N	45837	1/8" NPT	1

## Oil Pump Kits (Continued)

### TMK-OP5H

#### KIT INCLUDES

<b>A</b>	<b>5:1 Air Operated Oil Ratio Pump</b> Double acting high pressure pump
<b>B</b>	<b>Digital Oil Control Gun</b> Aluminium body gun with 1/2" swivel. Includes flexible hose with manual non-drip nozzle Digital Meter: Accuracy ±0.5% Least Count: 0.001 unit
<b>C</b>	<b>Oil Hose Reel - Heavy Duty Dual Arm Steel Reel</b> Hose I.D.: 1/2" (12.7 mm) Hose Length: 10 meter (32.8') Maximum Pressure: 2000 PSI (138 BAR)
<b>D</b>	<b>Drum Trolley - Heavy Duty</b> Manufactured from 4 mm thick steel sheet in powder coated finish Front Wheels: 6" (150 mm) polyurethane with nylon rim Rear castors with toe lock
<b>E</b>	<b>Filter-Regulator Combination &amp; Lubricator with Pressure Gauge (FRCLM)</b> Port Size: 1/4" Type: Miniature Filter: 40 micron
<b>F</b>	<b>Feeder Hose</b> Connects pump outlet to the hose reel inlet Length: 1.5m (5')



#### WETTED COMPONENTS

Steel, Brass, Aluminium, Zinc, Polyurethane, Turcite & Hi-Nitrile Rubber

#### RECOMMENDED USE

Transferring high viscosity oils (upto SAE240) over long distances upto 50m

#### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
TMK/OP5H/A/BSP	45831	1/8" BSPT	1
TMK/OP5H/A/N	45836	1/8" NPT	1

#### SPECIFICATIONS

FLOW RATE	UPTO 4.76 GPM	UPTO 18 LPM
WORKING PRESSURE	30-150 PSI	2-10 BAR
MAX. AIR PRESSURE	150 PSI	10 BAR
MAX. OUTLET PRESSURE	750 PSI	50 BAR
AIR INLET CONNECTION	1/4" (F)	
PUMP OUTLET	1/2" (F)	
AIR CONSUMPTION	66 GPM	250 LPM
NOISE LEVEL	81 db	

### TMK-OPH

#### KIT INCLUDES

<b>A</b>	<b>6.5:1 Air Operated Oil Ratio Pump</b>
<b>B</b>	<b>Digital Oil Control Gun</b> Aluminium body gun with 1/2" swivel. Includes flexible hose with manual non-drip nozzle Digital Meter: Accuracy ±0.5% Least Count: 0.001 unit
<b>C</b>	<b>Oil Hose Reel - Heavy Duty Dual Arm Steel Reel</b> Hose I.D.: 1/2" (12.7 mm) Hose Length: 10 meter (32.8') Maximum Pressure: 2000 PSI (138 BAR)
<b>D</b>	<b>Drum Trolley - Heavy Duty</b> Manufactured from 4 mm thick steel sheet in powder coated finish Front Wheels: 6" (150 mm) polyurethane with nylon rim Rear castors with toe lock
<b>E</b>	<b>Feeder Hose</b> Connects pump outlet to the hose reel inlet Length: 1.5m (5')



#### WETTED COMPONENTS

Steel, Brass, Aluminium, Turcite, Polyurethane, & NBR

#### RECOMMENDED USE

Transferring medium to high viscosity oils (upto SAE130) over short distances upto 30m

#### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
TMK/OPH/6H/B/BSP	45833	1/8" BSPT	1
TMK/OPH/6H/B/N	45838	1/8" NPT	1

#### SPECIFICATIONS

FLOW RATE	UPTO 4.76 GPM	UPTO 18 LPM
WORKING PRESSURE	30-150 PSI	2-10 BAR
MAX. AIR PRESSURE	150 PSI	10 BAR
MAX. OUTLET PRESSURE	975 PSI	67 BAR
AIR INLET CONNECTION	1/4" (F)	
PUMP OUTLET	1/2" (F)	
AIR CONSUMPTION	66 GPM	250 LPM
NOISE LEVEL	82 db	

## Oil Pump Kits (Continued)

TMK1-OP3

### KIT INCLUDES

<b>A</b>	<b>3:1 Air Operated Oil Ratio Pump</b>
<b>B</b>	<b>Digital Oil Control Gun</b> Aluminium body gun with 1/2" swivel. Includes steel extension with automatic non-drip nozzle Digital Meter: Accuracy ±0.5% Least Count: 0.001 unit
<b>C</b>	<b>Discharge Hose</b> 79" x 1/2" I.D. (2m x 12.7 mm I.D.) - SAE R2
<b>D</b>	<b>Drum Cart</b> Manufactured from thick steel sheet in powder coated finish Front Wheels: 10" (250 mm) wide Rear castors with toe lock 5" nylon



### WETTED COMPONENTS

Steel, Brass, Aluminium, Zinc, Polyurethane, Turcite & Hi-Nitrile Rubber

### RECOMMENDED USE

Transferring medium to high viscosity oils (upto SAE130) over short distances upto 30m

### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
TMK1/OP3/B1/BSP	48950	1/8" BSPT	1
TMK1/OP3/B1/N	48955	1/8" NPT	1

### SPECIFICATIONS

FLOW RATE	UPTO 3.70 GPM	UPTO 14 LPM
WORKING PRESSURE	30-150 PSI	2-10 BAR
MAX. AIR PRESSURE	150 PSI	10 BAR
MAX. OUTLET PRESSURE	450 PSI	30 BAR
AIR INLET CONNECTION	1/4" (F)	
PUMP OUTLET	1/2" (F)	
AIR CONSUMPTION	61 GPM	230 LPM
NOISE LEVEL	81 db	

TMK1-OP3H

### KIT INCLUDES

<b>A</b>	<b>3:1 Air Operated Oil Ratio Pump</b>
<b>B</b>	<b>Digital Oil Control Gun</b> Aluminium body gun with 1/2" swivel. Includes steel extension with automatic non-drip nozzle Digital Meter: Accuracy ±0.5% Least Count: 0.001 unit
<b>C</b>	<b>Oil Hose Reel</b> Hose I.D.: 1/2" (12.7 mm) Hose Length: 10 meter (32.8') Maximum Pressure: 2000 PSI (138 BAR)
<b>D</b>	<b>Drum Cart</b> Manufactured from thick steel sheet in powder coated finish Front Wheels: 10" (250 mm) wide Rear castors with toe lock 5" nylon
<b>E</b>	<b>Feeder Hose</b> Connects pump outlet to the hose reel inlet Length: 1.5m (5')



### WETTED COMPONENTS

Steel, Brass, Aluminium, Zinc, Polyurethane, Turcite & Hi-Nitrile Rubber

### RECOMMENDED USE

Transferring medium to high viscosity oils (upto SAE130) over short distances upto 30m

### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
TMK1/OP3H/B1/BSP	48952	1/8" BSPT	1
TMK1/OP3H/B1/N	48957	1/8" NPT	1

### SPECIFICATIONS

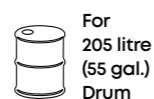
FLOW RATE	UPTO 3.70 GPM	UPTO 14 LPM
WORKING PRESSURE	30-150 PSI	2-10 BAR
MAX. AIR PRESSURE	150 PSI	10 BAR
MAX. OUTLET PRESSURE	450 PSI	30 BAR
AIR INLET CONNECTION	1/4" (F)	
PUMP OUTLET	1/2" (F)	
AIR CONSUMPTION	61 GPM	230 LPM
NOISE LEVEL	81 db	

## Oil Pump Kits (Continued)

TMK1-OP5

### KIT INCLUDES

<b>A</b>	<b>5:1 Air Operated Oil Ratio Pump</b> Double acting high pressure pump
<b>B</b>	<b>Digital Oil Control Gun</b> Aluminium body gun with 1/2" swivel. Includes steel extension with automatic non-drip nozzle Digital Meter: Accuracy ±0.5% Least Count: 0.001 unit
<b>C</b>	<b>Discharge Hose</b> 79" x 1/2" I.D. (2m x 12.7 mm I.D.) - SAE R2
<b>D</b>	<b>Drum Cart</b> Manufactured from thick steel sheet in powder coated finish Front Wheels: 10" (250 mm) wide Rear castors with toe lock 5" nylon



### WETTED COMPONENTS

Steel, Brass, Aluminium, Zinc, Polyurethane, Turcite & Hi-Nitrile Rubber

### RECOMMENDED USE

Transferring high viscosity oils (upto SAE240) over long distances upto 50m)

### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
TMK1/OP5/B1/BSP	48951	1/8" BSPT	1
TMK1/OP5/B1/N	48956	1/8" NPT	1

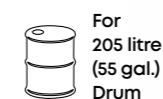
### SPECIFICATIONS

FLOW RATE	UPTO 4.76 GPM	UPTO 18 LPM
WORKING PRESSURE	30-150 PSI	2-10 BAR
MAX. AIR PRESSURE	150 PSI	10 BAR
MAX. OUTLET PRESSURE	750 PSI	50 BAR
AIR INLET CONNECTION	1/4" (F)	
PUMP OUTLET	1/2" (F)	
AIR CONSUMPTION	66 GPM	250 LPM
NOISE LEVEL	81 db	

TMK1-OP5H

### KIT INCLUDES

<b>A</b>	<b>5:1 Air Operated Oil Ratio Pump</b> Double acting high pressure pump
<b>B</b>	<b>Digital Oil Control Gun</b> Aluminium body gun with 1/2" swivel. Includes steel extension with automatic non-drip nozzle Digital Meter: Accuracy ±0.5% Least Count: 0.001 unit
<b>C</b>	<b>Oil Hose Reel</b> Hose I.D.: 1/2" (12.7 mm) Hose Length: 10 meter (32.8') Maximum Pressure: 2000 PSI (138 BAR)
<b>D</b>	<b>Drum Cart</b> Manufactured from thick steel sheet in powder coated finish Front Wheels: 10" (250 mm) wide Rear castors with toe lock 5" nylon



### WETTED COMPONENTS

Steel, Brass, Aluminium, Zinc, Polyurethane, Turcite & Hi-Nitrile Rubber

### RECOMMENDED USE

Transferring high viscosity oils (upto SAE240) over long distances upto 50m

### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
TMK1/OP5H/B1/BSP	48953	1/8" BSPT	1
TMK1/OP5H/B1/N	48958	1/8" NPT	1

### SPECIFICATIONS

FLOW RATE	UPTO 4.76 GPM	UPTO 18 LPM
WORKING PRESSURE	30-150 PSI	2-10 BAR
MAX. AIR PRESSURE	150 PSI	10 BAR
MAX. OUTLET PRESSURE	750 PSI	50 BAR
AIR INLET CONNECTION	1/4" (F)	
PUMP OUTLET	1/2" (F)	
AIR CONSUMPTION	66 GPM	250 LPM
NOISE LEVEL	81 db	

## Oil Pump Kits (Continued)

### TMK2-OP3

#### KIT INCLUDES

<b>A</b>	<b>3:1 Air Operated Oil Ratio Pump</b>
<b>B</b>	<b>Digital Oil Control Gun</b> Aluminium body gun with 1/2" swivel. Includes steel extension with automatic non-drip nozzle Digital Meter: Accuracy ±0.5% Least Count: 0.001 unit
<b>C</b>	<b>Discharge Hose</b> 79" x 1/2" I.D. (2m x 12.7 mm I.D.) - SAE R2
<b>D</b>	<b>Drum Trolley</b> Manufactured from thick steel sheet in powder coated finish Front Wheels: 6" (150 mm) polyurethane with ball bearings Swivel Rear Castors: 3" (75 mm) Nylon



#### WETTED COMPONENTS

Steel, Brass, Aluminium, Zinc, Polyurethane, Turcite & Hi-Nitrile Rubber

#### RECOMMENDED USE

Transferring medium to high viscosity oils (upto SAE130) over short distances upto 30m

#### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
TMK2/OP3/B1/BSP	48960	1/8" BSPT	1
TMK2/OP3/B1/N	48965	1/8" NPT	1

#### SPECIFICATIONS

FLOW RATE	UPTO 3.70 GPM	UPTO 14 LPM
WORKING PRESSURE	30-150 PSI	2-10 BAR
MAX. AIR PRESSURE	150 PSI	10 BAR
MAX. OUTLET PRESSURE	450 PSI	30 BAR
AIR INLET CONNECTION	1/4" (F)	
PUMP OUTLET	1/2" (F)	
AIR CONSUMPTION	61 GPM	230 LPM
NOISE LEVEL	81 db	

### TMK2-OP5

#### KIT INCLUDES

<b>A</b>	<b>5:1 Air Operated Oil Ratio Pump</b> Double acting high pressure pump
<b>B</b>	<b>Digital Oil Control Gun</b> Aluminium body gun with 1/2" swivel. Includes steel extension with automatic non-drip nozzle Digital Meter: Accuracy ±0.5% Least Count: 0.001 unit
<b>C</b>	<b>Discharge Hose</b> 79" x 1/2" I.D. (2m x 12.7 mm I.D.) - SAE R2
<b>D</b>	<b>Drum Trolley</b> Manufactured from thick steel sheet in powder coated finish Front Wheels: 6" (150 mm) polyurethane with ball bearings Swivel Rear Castors: 3" (75 mm) Nylon



#### WETTED COMPONENTS

Steel, Brass, Aluminium, Zinc, Polyurethane, Turcite & Hi-Nitrile Rubber

#### RECOMMENDED USE

Transferring high viscosity oils (upto SAE240) over long distances upto 50m

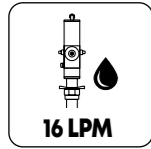
#### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
TMK2/OP5/B1/BSP	48961	1/8" BSPT	1
TMK2/OP5/B1/N	48966	1/8" NPT	1

#### SPECIFICATIONS

FLOW RATE	UPTO 4.76 GPM	UPTO 18 LPM
WORKING PRESSURE	30-150 PSI	2-10 BAR
MAX. AIR PRESSURE	150 PSI	10 BAR
MAX. OUTLET PRESSURE	750 PSI	50 BAR
AIR INLET CONNECTION	1/4" (F)	
PUMP OUTLET	1/2" (F)	
AIR CONSUMPTION	66 GPM	250 LPM
NOISE LEVEL	81 db	





Workshop use Electric Oil Transfer pump

Compact & lightweight construction

ON/OFF Switch with LED Indicator

Built-in fuse for overload protection

Silenced motor makes almost no noise

### Duty Cycle

15 minutes On / 30 Minutes Off

### Self priming design

Allows for high suction lift even at dry start-up

Stainless steel filter built into the suction tube inlet prevents contaminants from entering & hence avoiding resultant damage

### Discharge spout with

- Aluminium die cast non-drip attachment
- Welded steel holder that prevents entry of contaminants

Built-in 2" bung adaptor fits 205 litre (55 gal.) drums. Bung adapter can be adjusted by 0.6" (15 mm) to adjust to drums with varying heights.

Includes an additional bung thread converter for converting 2" standard bung threads to 2.5" x 5 mm buttress for using the same pumps with IBC's/Totes

Telescopic suction tube extends from 33-1/2" (850 mm) to 49" (1245 mm)

### Suitable for use with

205 litres (55 gal.) drums or 1000 - 1250 litres (275-330 gal.) IBC's/Totes

### Also available in metered version:

High pressure positive displacement meter suitable for in-line applications

Digital Oval Gear Meter measures in Litres, US Gallons, Quarts, Pints



Rigid Spout - Can be rotated 180° to double up as a non-drip nozzle



Lift Handle

Thread Converter (with 2.5x5 mm Buttress Threads)

Telescopic Suction Tube

SS Filter



With 100V-240V, 50/60 Hz, AC Dual Voltage Power Adaptor

### WETTED COMPONENTS

Viton, POM, Stainless Steel, PE, NBR, PP, Steel, Aluminium

### RECOMMENDED USE

Motor oil, Hydraulic oil, Lubricants

### DO NOT USE WITH

Gasoline, Corrosive chemicals, Lacquer thinners, any material that is not compatible with the pump construction

### VARIANTS



### SPECIFICATIONS

FLOW RATE*	UPTO 16 LPM	UPTO 4.2 GPM
MOTOR TYPE	DC Brush Motor	5 Pole
AC POWER ADAPTER	Input: 100 - 240 V AC, 50 / 60 Hz, Output: 20 V DC Constant Voltage, 6A max	
MAX. VISCOSITY OF MEDIA	100 cSt	465 SSU
TEMPERATURE	5° to 40°C	41° to 104°F
ACCURACY**	±0.50%	
REPEATABILITY**	0.25%	
MAX RESETTABLE TOTAL	9,99,999 units (6 digits x 100 indicator)	
MAX NON-RESETTABLE TOTAL	9,99,999 units (6 digits x 100 indicator)	
LEAST COUNT/ RESOLUTION	UPTO 0.001 units	

\* With SAE-30 Hydraulic Oil

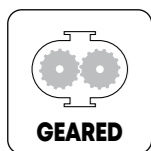
\*\* Tested in laboratory conditions

### ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	PLUG TYPE	BOX QTY.
<b>ELECTRIC OIL PUMP</b>				
EDR/OL/AC/AU	45840	With non-drip attachment & AC power adaptor with AU plug	Australian	4
EDR/OL/AC/EU	45841	With non-drip attachment & AC power adaptor with EU plug	European	4
EDR/OL/AC/UK	45842	With non-drip attachment & AC power adaptor with UK plug	UK	4
EDR/OL/AC/US	45843	With non-drip attachment & AC power adaptor with US plug	US	4
<b>ELECTRIC OIL PUMP - METERED</b>				
EDR/OLM/AC/AU	45844	With oil meter, non-drip attachment & AC power adaptor with AU plug	Australian	4
EDR/OLM/AC/EU	45845	With oil meter, non-drip attachment & AC power adaptor with EU plug	European	4
EDR/OLM/AC/UK	45846	With oil meter, non-drip attachment & AC power adaptor with UK plug	UK	4
EDR/OLM/AC/US	45847	With oil meter, non-drip attachment & AC power adaptor with US plug	US	4



SCAN TO WATCH



Heavy duty oil pump designed to transfer bulk oils, hydraulic oils, used oil etc.

Air cooled motor with thermal protection

Non corroding aluminium die cast pump body

Sintered powder metal gears

Self priming, positive displacement design

High horsepower to flow ratio assures adequate power to pump viscous fluids at low temperatures

Pump has an internal bypass valve to bypass flow, if the discharge pressure exceeds the bypass valve setting

Built-in 2" bung adaptor for mounting on drums/tanks

Can be used to transfer used oil with a screen fitted onto the suction tube

### Duty Cycle

30 minutes ON / 30 minutes OFF

Available in following versions:

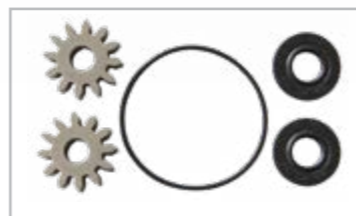
1. AC regular flow
2. AC high flow
3. DC regular flow

### WETTED COMPONENTS

Aluminium, Steel, Cast Iron, Nylon, NBR, Zinc, Polypropylene, PVC

### RECOMMENDED USE

Oils, Synthetic Oils, Used Oils, Hydraulic Oils, Cutting Oils & Non-Flammable Oils



KIT/OPM - Repair Kit

### SPECIFICATIONS

	AC REGULAR FLOW		AC HIGH FLOW		DC REGULAR FLOW
	OPM/115	OPM/220	OPM/115/HF	OPM/220/HF	OPM/12
DESCRIPTION	Heavy Duty, 115V AC	Heavy Duty, 220V AC	High Flow Heavy Duty, 115V AC	High Flow Heavy Duty, 220V AC	Heavy duty 12V DC
FLOW	Upto 15 LPM (4 GPM)	Upto 11.5 LPM (3 GPM)	Upto 30 LPM (8 GPM)	Upto 23 LPM (6 GPM)	Upto 13.2 LPM (3.5 GPM)
MOTOR	1/2 HP 115V AC, 60 Hz	1/2 HP 220V AC, 50 Hz	1/2 HP 115V AC, 60 Hz	1/2 HP 220V AC, 50 Hz	1/2 HP 12V DC
AMP	9 Amp	6 Amp	9 Amp	6 Amp	39 Amp
RPM	1600	1300	3400	2800	1500
MECHANISM	Gear Pump	Gear Pump	Gear Pump	Gear Pump	Gear Pump
SUCTION PIPE	34" long	34" long	34" long	34" long	34" long
HOSE	3/4" x 8'	3/4" x 8'	3/4" x 8'	3/4" x 8'	2" threaded
BUNG ADAPTOR	2" Threaded	2" Threaded	2" Threaded	2" Threaded	3/4" x 8'
INLET	1" NPT	1" NPT	1" NPT	1" NPT	1" NPT
OUTLET	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT
DISPENSING NOZZLE	Ball Valve	Ball Valve	Ball Valve	Ball Valve	Ball valve
POWER CABLE LENGTH	8'	8'	8'	8'	-
AIR COOLED	Yes	Yes	Yes	Yes	Yes
MAX. VISCOSITY OF OIL	SAE 90	SAE 90	SAE 90	SAE 90	SAE 90
MAX. WORKING PRESSURE	65 PSI (4.5 BAR)	65 PSI (4.5 BAR)	65 PSI (4.5 BAR)	65 PSI (4.5 BAR)	65 PSI (4.5 BAR)
THERMAL PROTECTION	Yes	Yes	Yes	Yes	No

### VARIANTS



### ORDERING INFORMATION

CAT NR.	ORD NR.	POWER SUPPLY	BOX QTY.
★ OPM/115	45550	115V AC	1
OPM/220	45551	220V AC	1
OPM/115/HF	45555	115V AC	1
OPM/220/HF	45556	220V AC	1
OPM/12	45560	12V DC	1
<b>REPAIR KIT</b>			
KIT/OPM	45565	-	-

★ Best Seller

Driven by compressed air, these pumps are designed for large volume transfer in a very short time

Pumps transfer contaminated media & are good at cleaning out pits or liquids that can be a mix of several products like oil, water and antifreeze all mixed together

**Handle a wide variety of fluids with high solid content**

No close fitting or rotating parts so liquid with high solids content and/or size can be easily pumped

**Self Priming**

The pump design with internal check valves allows for high suction lift even at dry start-up and with heavy fluids

**Ability to run dry**

No close fittings or sliding parts are at risk. The pump can run dry without damage

**Variable flow rate and discharge pressure**

Pumps will run at any setting within their operating range simply by adjusting the air inlet pressure and system conditions. One pump can fit a broad spectrum of applications

**Portable/Simple Installation**

Pumps transport easily to the application site. Simply connect your air supply line and liquid lines; the pump is ready to perform. There are no complex controls to install and operate

**Dead Head**

Discharge pressure never exceeds air inlet pressure, hence the discharge line can be closed with no damage or wear. The pump will simply slow down and stop

**Shear Sensitive**

Minimal parts contact with the liquid makes these pumps an excellent choice for shear sensitive fluids

**Explosion Proof**

Operated by compressed air; pumps are intrinsically safe

**Submersible**

Pumps can be submerged in the liquid by simply running the exhaust line above the liquid level



	AODD/1-4/FPT/N	AODD/1-2/BAH/N	AODD/1-2/FPT/N	AODD/1-2/FPS/N	AODD/3-4/BAH/N	AODD/3-4/BPS/N	AODD/0-1/BAH/N
<b>SIZE</b>	1/4"	1/2"	1/2"	1/2"	3/4"	3/4"	1"
<b>CASING</b>	Polypropylene	Aluminium	Polypropylene	Polypropylene	Aluminium	Polypropylene	Aluminium
<b>DIAPHRAGM</b>	PTFE	Hytrel®	PTFE	Santoprene®	Hytrel®	Santoprene®	Hytrel®
<b>FLOW RATE</b>	0 - 11 LPM (0 - 2.90 GPM)	0 - 50 LPM (0 - 13.22 GPM)	0 - 45 LPM (0 - 11.90 GPM)	0 - 45 LPM (0 - 11.90 GPM)	0 - 110 LPM (0 - 29.1 GPM)	0 - 110 LPM (0 - 29.1 GPM)	0 - 110 LPM (0 - 29.1 GPM)
<b>AIR INLET PRESSURE</b>	29-100 PSI (2-7 BAR)	29-100 PSI (2-7 BAR)	29-100 PSI (2-7 BAR)	29-100 PSI (2-7 BAR)	29-100 PSI (2-7 BAR)	29-100 PSI (2-7 BAR)	29-100 PSI (2-7 BAR)
<b>PUMP INLET/ OUTLET NPT (F)</b>	1/4"	1/2"	1/2"	1/2"	3/4"	3/4"	1"
<b>AIR EXHAUST NPT(F)</b>	3/8"	3/8"	3/8"	3/8"	3/4"	3/4"	3/4"
<b>MAX PARTICLE SIZE</b>	N/A	1/32" (1 mm)	N/A	N/A	1/16" (2.0 mm)	1/16" (2.0 mm)	1/16" (2.0 mm)
<b>SUCTION LIFT (DRY)</b>	5-feet	5-feet	8-feet	8-feet	18-feet	18-feet	18-feet
<b>MAX AIR CONSUMPTION</b>	250 LPM (8.83 CFM)	450 LPM (15.9 CFM)	350 LPM (12.4 CFM)	350 LPM (12.4 CFM)	1200 LPM (42.4 CFM)	1200 LPM (42.4 CFM)	1200 LPM (42.4 CFM)
<b>WETTED COMPONENTS</b>	Polypropylene, PTFE	Aluminium, PA, Stainless steel, Hytrel®	Polypropylene, PTFE	Polypropylene, PTFE	Aluminium, Stainless steel Hytrel®	Polypropylene, Santoprene®	Aluminium, Stainless steel, Hytrel®
<b>VALVE BALL MATERIAL</b>	PTFE (Flat type)	Hytrel®	PTFE (Flat type)	PTFE (Flat type)	Hytrel®	Santoprene®	Hytrel®
<b>AIR MOTOR</b>	Ryton®	Aluminium	Ryton®	Ryton®	Aluminium	Glass-filled polypropylene	Aluminium
<b>MAXIMUM LIQUID TEMP.</b>	60°C (140°F)	80°C (176°F)	60°C (140°F)	60°C (140°F)	80°C (176°F)	60°C (140°F)	80°C (176°F)

**Constant Pumping efficiency**

No rotors, gears, or pistons, which wear over time and lead to the gradual decline in performance/flow rate

Diaphragm pumps however do not produce pressure as they have a 1:1 operation & cannot be used with a flow meter. The standard pump configuration is also not suitable for use with flammable media (Gasoline)

All pump Models are designed for use with an Inlet Air Pressure of 20 – 100 PSI (1.40 - 6.89 BAR). Air Inlet on all pump models is threaded 1/4" NPT (F)

These pumps are available in a choice of 2 body materials:

**a. Aluminium**

Aluminium Body pumps come with a Hytrel® (TPEE) Diaphragm. Hytrel® allows these pumps to be used at higher temperatures & imparts much longer life as opposed to pumps with BUNA-N diaphragm. Highly suitable for use with oils. Not recommended for use with

abrasive & corrosive liquids.

**b. Polypropylene**

Polypropylene body pumps come with a choice of Diaphragms  
 a. Santoprene® (TPO): Best for use with abrasives, acids, caustics etc.  
 b. Teflon® (PTFE): Chemically most inert compound. Suitable for use with highly aggressive liquids such as solvents etc.

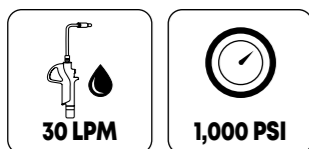
**TEMPERATURE RANGE FOR VARIOUS MATERIALS**

BODY / CASING MATERIAL	LIQUID TEMPERATURE RANGE
Aluminium	0 to 100°C (32°F to 212°F)
Polypropylene	0 to 60°C (32°F to 140°F)
DIAPHRAGM MATERIAL	LIQUID TEMPERATURE RANGE
BUNA N	0 to 70°C (32°F to 158°F)
Hytrel® (TPEE)	0 to 80°C (32°F to 176°F)
Santoprene® (TPO)	0 to 90°C (32°F to 194°F)
Teflon® (PTFE)	0 to 100°C (32°F to 212°F)

**ORDERING INFORMATION**

CAT NR.	ORD NR.	SIZE	CASING	DIAPHRAGM	RECOMMENDED FLUIDS	BOX QTY.
AODD/1-4/FPT/N	44710	1/4"	Polypropylene	PTFE	Windshield washer fluid, Antifreeze, Caustic soda, Sulfuric acid (up to 75%), Plating Solution, Photograph developing liquid, Benzene, Hydrogen Peroxide, Waste water etc.	4
* AODD/1-2/BAH/N	44720	1/2"	Aluminium	Hytrel®	Diesel fuel, Kerosene, Lubricants, Gear oil, Engine oil, Waste oil, Brake fluid, Naphtha, Mold lubricants, Antifreeze and Waste water	1
* AODD/1-2/FPT/N	44721	1/2"	Polypropylene	PTFE	Windshield washer fluid, Antifreeze, Caustic soda, Sulfuric acid (up to 75%), Plating Solution, Photograph developing liquid, Benzene, Hydrogen Peroxide, Waste water etc.	1
AODD/1-2/FPS/N	44722	1/2"	Polypropylene	Santoprene®	AdBlue, Antifreeze, Ethanol, Ammonium hydroxide and Waste water	1
AODD/3-4/BAH/N	44730	3/4"	Aluminium	Hytrel®	Diesel fuel, Kerosene, Lubricants, Gear oil, Engine oil, Waste oil, Brake fluid, Naphtha, Mold lubricants, Antifreeze and Waste water	1
AODD/3-4/BPS/N	44731	3/4"	Polypropylene	Santoprene®	AdBlue, Antifreeze, Ethanol, Ammonium hydroxide and Waste water	1
* AODD/0-1/BAH/N	44740	1"	Aluminium	Hytrel®	Diesel fuel, Kerosene, Lubricants, Gear oil, Engine oil, Waste oil, Brake fluid, Naphtha, Mold lubricants, Antifreeze and Waste water	1

\* Best Seller



Heavy duty gun for controlling fluid deliveries in most demanding applications

Aluminium die cast construction with heavy duty steel trigger

Built-in continuous flow switch can be activated for unattended dispensing

Swivel at inlet for easy manoeuvrability. Strainer in the swivel keeps contaminants, dust, grit etc. from entering the gun

### WETTED COMPONENTS

Aluminum, Steel, Brass & NBR

### RECOMMENDED USE

Oils with viscosity upto SAE 140

### DO NOT USE WITH

Water based media, Gasoline etc.

### SPECIFICATIONS

FLOW RATE	UPTO 8 GPM	UPTO 30 LPM
MAX. WORKING PRESSURE	UPTO 1000 PSI	UPTO 70 BAR
WORKING TEMPERATURE RANGE	-14°C TO 55°C	7°F TO 131°F
INLET THREADS	1/2" (F)	
IN-LINE SWIVEL	INCLUDED	
OUTLET DIAMETER OF STEEL SPOUT	1/2"	12.7 MM
INSIDE DIAMETER OF HOSE EXTENSION	1/2"	12.7 MM



### VARIANTS

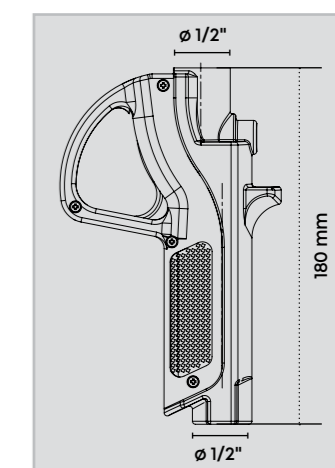
With Steel Extension	With Steel Extension & Manual Non-drip Nozzle	With Steel Extension & Automatic Non-drip Nozzle	With Hose & Manual Non-drip Nozzle	With Hose & Automatic Non-drip Nozzle	With Hose Extension With Bent Steel Pipe & Manual Non-drip Nozzle	With Hose Extension with Bent Steel Pipe & Automatic Non-drip Nozzle

### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	NON DRIP NOZZLE	BOX QTY.
BSPT		NPT			
<b>WITH STEEL EXTENSION</b>					
OGN/S/1-2R/B	45704	OGN/S/1-2R/N	45707	-	20
OGN/SM/1-2R/B	45705	OGN/SM/1-2R/N	45708	Manual	20
* OGN/SA/1-2R/B	45706	OGN/SA/1-2R/N	45709	Automatic	20
<b>WITH FLEXIBLE HOSE EXTENSION</b>					
OGN/SM/1-2F/B	45711	OGN/SM/1-2F/N	45713	Manual	20
OGN/SA/1-2F/B	45712	OGN/SA/1-2F/N	45714	Automatic	20
<b>WITH FLEXIBLE HOSE EXTENSION WITH BENT STEEL PIPE</b>					
OGN/SM/1-2FB/B	45725	* OGN/SM/1-2FB/N	45727	Manual	20
OGN/SA/1-2FB/B	45726	OGN/SA/1-2FB/N	45728	Automatic	20

\* Best Seller

### DIMENSIONS





High pressure positive displacement meter suitable for in-line and end of line applications

Oval gear mechanism for optimum accuracy

6 Digit Non-Resettable Totaliser

Meter Inlet / Outlet threaded 1/2" (F)

Electronic Display using one 3V lithium Ion battery (CR2450)

Robust Aluminium Die Cast construction with protective shroud on meter

Display can be rotated in every 90° orientation for ease of installation

Measures in litres, US gallons, quarts, pints, ounces & decilitres

Easy user re-calibration

**WETTED COMPONENTS**

Aluminum, Acetal, Nitrile Rubber & Steel

**RECOMMENDED USE**

Oils upto SAE 140, Diesel, Kerosene & Engine Coolants (RTU)

**DO NOT USE WITH**

Water based media, Gasoline etc.



Display can be changed by rotating the card in its housing thus ensuring great versatility in positioning

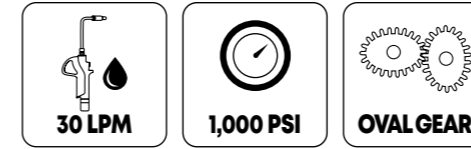
**SPECIFICATIONS**

FLOW RATE	0.3-8 GPM	1-30 LPM
PRESSURE	UPTO 1,000 PSI	UPTO 70 BAR
WORKING TEMPERATURE RANGE	-7°F TO 131°F	-14°C TO 55°C
ACCURACY*	±0.50%	
REPEATABILITY*	0.20%	
MAX WORKING PRESSURE	1,000 PSI	70 BAR
UNITS OF MEASURE	LITRES, GALLONS, QUARTS, PINTS, OUNCES & DECILITRES	
MAX RESETTABLE TOTAL	99,999.9 UNITS	
MAX NON-RESETTABLE TOTAL	9,99,999 UNITS	
LEAST COUNT / RESOLUTION	UPTO 0.001 UNITS	
DISPLAY OUTPUT	User selectable for 0.1, 0.01, 0.001 UNITS	

**Note:** Not to be used to measure media for resale  
\*Tested in laboratory conditions

**ORDERING INFORMATION**

CAT NR.	ORD NR.	THREADS	BOX QTY.
OM/200/1-2/BSP	47000	1/2" BSP (F)	20
OM/200/1-2/N	47001	1/2" NPT (F)	20



High pressure positive displacement meter suitable for in-line and end of line applications

Oval gear mechanism for optimum accuracy

6 Digit Non-Resettable Totaliser

Meter Inlet / Outlet threaded 1/2" (F)

Electronic Display using One 3V lithium Ion battery (CR2450)

Display can be rotated in every 90° orientation for ease of installation

Robust Aluminum Die Cast construction with protective shroud on meter

Measures in litres, US gallons, quarts, pints

Easy user re-calibration

**WETTED COMPONENTS**

Aluminum, Acetal, Nitrile Rubber & Stainless Steel

**RECOMMENDED USE**

Oils upto SAE 140

**DO NOT USE WITH**

Water based media, Gasoline etc.



Display can be changed by rotating the card in its housing thus ensuring great versatility in positioning

**SPECIFICATIONS**

FLOW RATE	0.3-8 GPM	1-30 LPM
PRESSURE	UPTO 1,000 PSI	UPTO 70 BAR
WORKING TEMPERATURE RANGE	-4°F TO 158°F	-20°C TO 70°C
ACCURACY*	±0.50%	
REPEATABILITY*	0.25%	
MAX WORKING PRESSURE	1000 PSI	70 BAR
UNITS OF MEASURE	PINTS, QUARTS, LITRES, GALLONS	
MAX RESETTABLE TOTAL	99,999,999 (Six digits with × 100 indicator) UNITS	
MAX NON-RESETTABLE TOTAL	99,999,999 (Six digits with × 100 indicator) UNITS	
LEAST COUNT / RESOLUTION	UPTO 0.001 UNITS	

**Note:** Not to be used to measure media for resale  
\*Tested in laboratory conditions

**ORDERING INFORMATION**

CAT NR.	ORD NR.	THREADS	BOX QTY.
OM/2000/1-2/BSP	47005	1/2" BSP (F)	20
OM/2000/1-2/N	47006	1/2" NPT (F)	20

# 129 Oil Meters Mechanical

OM-10



High pressure positive displacement meter suitable for in-line and end of line applications

Oval gear mechanism for optimum accuracy

High reliability Mechanical Display

Robust Aluminum Die Cast construction with protective shroud on meter

Available in Litres / Quarts version

**WETTED COMPONENTS**

Aluminum, Stainless Steel, Nitrile Rubber & POM

**RECOMMENDED USE**

Oils with viscosity upto 2000 cSt, Diesel, Biodiesel

**DO NOT USE WITH**

Water based media, Gasoline etc.



**SPECIFICATIONS**

FLOW RATE	0.3-8 GPM	1-30 LPM
PRESSURE	UPTO 1,000 PSI	UPTO 70 BAR
WORKING TEMPERATURE RANGE	14°F TO 131°F	-10°C TO 55°C
ACCURACY	±1%	
REPEATABILITY	±0.20%	
MAX. RESETTABLE BATCH TOTAL	999.9 LITRES OR QUARTS	
MAX. NON RESETTABLE TOTALIZER	999999.9 LITRES OR QUARTS	
LEAST COUNT / RESOLUTION	0.10 LITRES OR QUARTS	
WATER RESISTANCE	IP55	

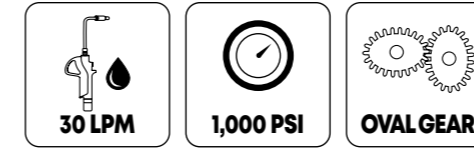
Note: Not to be used to measure media for resale

**ORDERING INFORMATION**

CAT NR.	ORD NR.	MEASUREMENT	THREADS	BOX QTY.
OM-10/1-2/BSP	45790	Litres	1/2" BSP (F)	20
OM-10/1-2/N	45792	Litres	1/2" NPT (F)	20
OM-10Q/1-2/N	45791	Quarts	1/2" NPT (F)	20

# 130 Electronic Preset Oil Control Gun

OM-300



Heavy Duty Oil Control gun with Robust Aluminium Construction

Electronic Preset design, works on 4 x 1.5V AA Batteries

Dual Mode: Manual & Pre Set (dispenses set qty. of media & stops)

Oval Gear Mechanism for Optimum accuracy

Adjustable Outlet nozzle can be positioned for in-line or 90° dispensing

Resettable Totalizer for Individual Batch can be set in Litres, Quarts, Pints & Gallons

A second Resettable Totalizer for multiple dispense operations can be set in Litres, Quarts, Pints & Gallons with a Max. Pre Set volume of 99.9 units

Lifetime Non-Resettable Totalizer can be set in Litres or Gallons

Built in Swivel at Inlet fitted with strainer

Supplied complete with Steel Extension with Built-in non-drip tip

**WETTED COMPONENTS**

Aluminium, Steel, Stainless Steel, Brass, Polyurethane, Acetic Resin, Hi Nitrile Rubber

**RECOMMENDED USE**

Oils with viscosity in the range of 10 to 5000 cst, Diesel

**DO NOT USE WITH**

Gasoline, Antifreeze, Windshield Fluids etc.

**SPECIFICATIONS**

FLOW RATE	0.3-8 GPM	1-30 LPM
PRESSURE	UPTO 1,000 PSI	UPTO 70 BAR
WORKING TEMPERATURE RANGE	-23°F TO 122°F	-5°C TO 50°C
INLET	1/2" (F)	
ACCURACY	±0.50%	
REPEATABILITY	0.20%	
MEASURING UNITS	LITRES, QUARTS, PINTS, GALLONS	
MINIMUM PRE SET QTY.	0.10 UNITS	
MAXIMUM PRE SET QTY.	99.9 UNITS	
MAX. RESETTABLE BATCH TOTAL	999.9 UNITS	
MAX. NON RESETTABLE TOTALIZER	999999 UNITS	
VISCOSITY OF MEDIA DISPENSED	10 TO 5000 CST	
RESOLUTION / LEAST COUNT	0.0013 GALLON	0.005 LITRE

Note: Not to be used to measure media for resale

**ORDERING INFORMATION**

CAT NR.	ORD NR.	INLET THREADS	BOX QTY.
OM/300/PS/RA/BSP	45722	1/2" BSP (F)	6
OM/300/PS/RA/N	45721	1/2" NPT(F)	6





Super accuracy heavy duty gun for controlling fluid deliveries in most demanding applications

Oval gear mechanism

Electronic Display using one 3V Lithium Ion battery (CR2450)

Aluminium Die cast meter & gun body

Built-in continuous Flow switch can be activated for un-attended dispensing

Measures in Litres, US Gallons, Quarts, Pints, Ounces & Decilitres

Easy user re calibration

Swivel at inlet for easy manoeuvrability. Strainer in the swivel keeps contaminants, dust, grit etc. away from entering the gun

Available in the following variations

- Control gun with Steel spout and non-drip nozzle
- Control gun with flexible hose with non-drip nozzle
- Control gun with flexible hose extension with bent Steel spout and non-drip nozzle

All guns with non-drip are available with choice of high flow manual or automatic non-drip nozzle

#### WETTED COMPONENTS

Aluminum, Acetal, Brass, Nitrile Rubber & Steel

#### RECOMMENDED USE

Oils with viscosity upto SAE 140

#### DO NOT USE WITH

Water based media, Gasoline etc.



#### VARIANTS

With Steel Extension & Manual Non-drip Tip	With Steel Extension & Automatic Non-drip Nozzle	With Hose & Manual Non-drip Nozzle	With Hose & Automatic Non-drip Nozzle	With Hose Extension With Bent Steel Pipe & Manual Non-drip Nozzle	With Hose Extension with Bent Steel Pipe & Automatic Non-drip Nozzle

#### SPECIFICATIONS

FLOW RATE	0.3-8 GPM	1-30 LPM
MAX. WORKING PRESSURE	UPTO 1,000 PSI	UPTO 70 BAR
WORKING TEMPERATURE RANGE	-7°F TO 131°F	-14°C TO 55°C
ACCURACY	±0.50%	
REPEATABILITY	0.20 %	
MAX. RESETTABLE BATCH TOTAL	99,999.9 UNITS	
MAX. NON RESETTABLE TOTALIZER	9,99,999 UNITS	6 DIGIT
LEAST COUNT /RESOLUTION	UPTO 0.001 UNITS	
DISPLAY OUTPUT	User Selectable for 0.1, 0.01, 0.001 UNITS	
INLET THREADED	1/2" (F)	
IN-LINE SWIVEL	INCLUDED	
OUTLET DIAMETER OF STEEL SPOUT	1/2"	12.7 MM
INSIDE DIAMETER OF HOSE EXTENSION	1/2"	12.7 MM

**Note**  
Not to be used to measure media for resale

#### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	NON-DRIP NOZZLE	BOX QTY.
BSPT THREAD		NPT THREAD			
<b>WITH STEEL EXTENSION</b>					
OM/200/OGN/RM/B	47010	OM/200/OGN/RM/N	47030	Manual	6
* OM/200/OGN/RA/B	47011	OM/200/OGN/RA/N	47031	Automatic	6
<b>WITH FLEXIBLE HOSE EXTENSION</b>					
OM/200/OGN/FM/B	47014	OM/200/OGN/FM/N	47034	Manual	6
OM/200/OGN/FA/B	47015	OM/200/OGN/FA/N	47035	Automatic	6
<b>WITH FLEXIBLE HOSE EXTENSION WITH BENT STEEL PIPE</b>					
OM/200/OGN/FB-M/B	47012	* OM/200/OGN/FB-M/N	47032	Manual	6
OM/200/OGN/FB-A/B	47013	OM/200/OGN/FB-A/N	47033	Automatic	6

\* Best Seller



Super accurate heavy duty gun for controlling fluid deliveries in most demanding applications

Oval gear mechanism for optimum accuracy

Electronic Display using one 3V Lithium Ion battery (CR 2450)

Aluminum Die cast meter & gun body

Built-in continuous Flow switch can be activated for un-attended dispensing

Measures in Litres, US Gallons, Quarts, Pints,

Easy user re-calibration

Swivel at inlet for easy maneuverability. Strainer in the swivel keeps contaminants, dust, grit etc. away from entering the gun

Available in the following variations  
 a. Control gun with Rigid Steel extension and non-drip nozzle  
 b. Control gun with flexible hose with non-drip nozzle  
 c. Control gun with flexible hose extension with Rigid Steel Extension and non-drip nozzle

All guns with non-drip are available with choice of high flow manual or high control automatic non-drip nozzle

**WETTED COMPONENTS**

Aluminum, Acetal, Brass, Nitrile Rubber, Steel & Stainless Steel

**RECOMMENDED USE**

Oils with viscosity upto SAE 140

**DO NOT USE WITH**

Water based media, Gasoline etc.



**VARIANTS**

With Steel Extension & Manual Non-drip Nozzle	With Steel Extension & Automatic Non-drip Nozzle	With Hose & Manual Non-drip Nozzle	With Hose & Automatic Non-drip Nozzle	With Hose Extension With Bent Steel Pipe & Manual Non-drip Nozzle	With Hose Extension with Bent Steel Pipe & Automatic Non-drip Nozzle

**SPECIFICATIONS**

FLOW RATE	0.3-8 GPM	1-30 LPM
MAX. WORKING PRESSURE	UPTO 1,000 PSI	UPTO 70 BAR
WORKING TEMPERATURE RANGE	-4°F TO 158°F	-20°C TO 70°C
ACCURACY	±0.50%	
REPEATABILITY	0.25 %	
MAX. RESETTABLE BATCH TOTAL	9,99,999 (six digits with × 100 indicator) UNITS	
MAX. NON RESETTABLE TOTALIZER	9,99,999 (six digits with × 100 indicator) UNITS	
LEAST COUNT /RESOLUTION	UPTO 0.001 UNITS	
INLET THREADED	1/2" (F)	
IN-LINE SWIVEL	INCLUDED	
OUTLET DIAMETER OF STEEL SPOUT	1/2"	12.7 MM
INSIDE DIAMETER OF HOSE EXTENSION	1/2"	12.7 MM

**Note**  
Not to be used to measure media for resale

**ORDERING INFORMATION**

CAT NR.	ORD NR.	CAT NR.	ORD NR.	NON-DRIP NOZZLE	BOX QTY.
<b>WITH STEEL EXTENSION</b>					
OM/2000/OGN/RM/B	47020	OM/2000/OGN/RM/N	47040	Manual	6
OM/2000/OGN/RA/B	47021	OM/2000/OGN/RA/N	47041	Automatic	6
<b>WITH FLEXIBLE HOSE EXTENSION</b>					
OM/2000/OGN/FM/B	47022	OM/2000/OGN/FM/N	47042	Manual	6
OM/2000/OGN/FA/B	47023	OM/2000/OGN/FA/N	47043	Automatic	6
<b>WITH FLEXIBLE HOSE EXTENSION WITH BENT STEEL PIPE</b>					
OM/2000/OGN/FB-M/B	47024	OM/2000/OGN/FB-M/N	47044	Manual	6
OM/2000/OGN/FB-A/B	47025	OM/2000/OGN/FB-A/N	47045	Automatic	6





Super accuracy heavy duty gun for controlling fluid deliveries in most demanding applications

Oval gear mechanism

High Reliability Mechanical display

Aluminium Die cast meter & gun body

Built-in continuous Flow switch can be activated for un-attended dispensing

Available in Litre / Quart version

Swivel at inlet for easy maneuverability. Strainer in the swivel keeps contaminants, dust, grit etc. away from entering the gun

Available in the following variations

1. Control gun with steel spout and non-drip nozzle
2. Control gun with flexible hose with non-drip nozzle
3. Control gun with flexible hose extension with bent steel spout and non-drip nozzle

All guns with non-drip are available with choice of high flow manual or high control automatic non-drip nozzle

#### WETTED COMPONENTS

Aluminum, Steel, Brass, Stainless Steel, NBR & Acetal

#### RECOMMENDED USE

Oils with viscosity upto 2000 cST

#### DO NOT USE WITH

Water based media, Gasoline etc



#### SPECIFICATIONS

FLOW RATE	0.3-8 GPM	1-30 LPM
ACCURACY	±1%	
REPEATABILITY	0.20 %	
MAX. WORKING PRESSURE	UPTO 1000 PSI	UPTO 70 BAR
WORKING TEMPERATURE RANGE	14°F TO 140°F	-10°C TO 60°C
MAX. RESETTABLE BATCH TOTAL	9999.9 LITRES OR QUARTS	
MAX. NON RESETTABLE TOTALIZER	999999.9 LITRES OR QUARTS	7 DIGIT
LEAST COUNT /RESOLUTION	0.10 LITRES OR QUARTS	
INLET THREADED	1/2" (F)	
IN-LINE SWIVEL	1/2" (F)	
OUTLET DIAMETER OF STEEL SPOUT	1/2"	12.7 MM
INSIDE DIAMETER OF HOSE EXTENSION	1/2"	12.7 MM

#### VARIANTS

With Steel Extension & Manual Non-drip Nozzle	With Steel Extension & Automatic Non-drip Nozzle	With Flexible Hose Extension & Manual Non-drip Nozzle	With Flexible Hose Extension & Automatic Non-drip Nozzle	With Flexible Hose Extension with Bent Steel Pipe & Manual Non-drip Nozzle	With Flexible Hose Extension with Bent Steel Pipe & Automatic Non-drip Nozzle

#### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	MEASUREMENT	NON DRIP NOZZLE	BOX QTY.
BSPT THREAD		NPT THREAD				
<b>WITH STEEL EXTENSION</b>						
OM/10/OGN/RM/B	48980	OM/10/OGN/RM/N	48990	Litres	Manual	6
OM/10/OGN/RA/B	48981	OM/10/OGN/RA/N	48991	Litres	Automatic	6
-	-	OM/10Q/OGN/RM/N	49000	Quarts	Manual	6
-	-	OM/10Q/OGN/RA/N	49001	Quarts	Automatic	6
<b>WITH FLEXIBLE HOSE EXTENSION</b>						
OM/10/OGN/FM/B	49010	OM/10/OGN/FM/N	49020	Litres	Manual	6
OM/10/OGN/FA/B	49011	OM/10/OGN/FA/N	49021	Litres	Automatic	6
-	-	OM/10Q/OGN/FM/N	49030	Quarts	Manual	6
-	-	OM/10Q/OGN/FA/N	49031	Quarts	Automatic	6
<b>WITH FLEXIBLE HOSE EXTENSION WITH BENT STEEL PIPE</b>						
OM/10/OGN/FB-M/B	49040	OM/10/OGN/FB-M/N	49050	Litres	Manual	6
OM/10/OGN/FB-A/B	49041	OM/10/OGN/FB-A/N	49051	Litres	Automatic	6
-	-	* OM/10Q/OGN/FB-M/N	49060	Quarts	Manual	6
-	-	OM/10Q/OGN/FB-A/N	49061	Quarts	Automatic	6

\* Best Seller

# 134 Oil Control Gun Accessories

## NON-DRIP NOZZLES

Commonly used with oil control guns. Used either with steel extensions or hose at discharge end to cut off media supply, once the filling is complete. Steel construction with nitrile rubber seals. Available in following models

### AUTOMATIC NON-DRIP NOZZLE & TIP

Nozzle opens automatically under fluid pressure; and shuts off with release of pressure

Discharge end with a narrow opening for convenient dispensing into small openings



NDN/02 Non-drip Nozzle  
NDN/OM300 Non-drip Tip

#### ORDERING INFORMATION

CAT NR.	ORD NR.	TIP DIA.		INLET THREADS	BOX QTY.
		(INCH)	(MM)		
NDN/02/1-4F/B	45010	5/8	16	1/4" BSPT (F)	25
NDN/02/1-4F/N	45012	5/8	16	1/4" NPT (F)	25
NDN/OM300	45001	17/32	13.4	9/16" - 18 UNF	-

### MANUAL NON-DRIP NOZZLE

Operated by manually rotating the body

Opening & shutting off the nozzle are manual.

Provide minimal pressure drop and are ideal for high flow applications



NDN/26

#### ORDERING INFORMATION

CAT NR.	ORD NR.	TIP DIA.		INLET THREADS	BOX QTY.
		(INCH)	(MM)		
NDN/26/1-4F/B	45035	0.59	15	1/4" BSPT (F)	25
NDN/26/1-4F/N	45034	0.59	15	1/4" NPT (F)	25

## OIL GUN HOSE EXTENSION



Flexible Oil Hose Extension for use with Oil Control Guns

Overall Length  
14" (350 mm)

Hose Inner Dia.  
1/2" (12.7 mm)



#### ORDERING INFORMATION

CAT NR.	ORD NR.	THREAD 1	THREAD 2	BOX QTY.
HOS/OG/F/BSP	43897	1/2" BSP (M)	1/4" BSPT (M)	25
HOS/OG/F/N	43898	1/2" NPT (M)	1/4" NPT (M)	25

## OIL METER SWIVEL



Oil swivel for hose end guns

Large 1/2" (13 mm) inner dia. for least resistance to flow

Steel construction with bright zinc plated finish



#### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
SWV/1-2M/1-2F/B	43891	1/2" BSPT (M) x 1/2" BSPT (F)	25
SWV/1-2M/1-2F/N	43890	1/2" NPT (M) x 1/2" NPT (F)	25

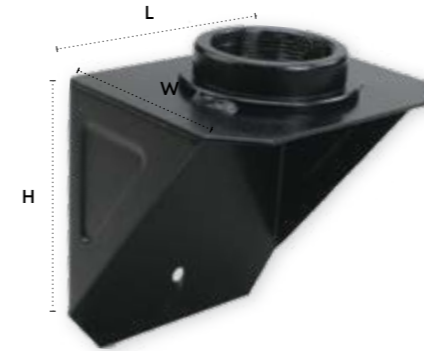
# 135 Air Operated Oil Pump Accessories

## MOUNTING BRACKET

All steel construction

2" (F) bung welded at the centre for installing stub pumps

Black powder coated finish



#### ORDERING INFORMATION

CAT NR.	ORD NR.	LENGTH (L)		WIDTH (W)		HEIGHT (H)		BOX QTY.
		(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	
BKT/S/RP	45395	4-3/4	120	6	150	6	150	18

## BUNG NUTS

2" Drum Bungs for use with Air Operated Pumps

Aluminium and zinc construction



#### ORDERING INFORMATION

CAT NR.	ORD NR.	INSIDE DIAMETER (MM)	BOX QTY.
BUNG/OP/30	45396	30	30
BUNG/OP/36	45397	36	30
*BUNG/OP/42	45398	42	30

\*Standard on all Groz Air Operated OP Series Oil Pumps

## FOOT VALVE

Used at the bottom of a suction tube as a non return valve, these help in retaining prime

Machined Aluminum construction with a steel non return ball



#### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
FV/3-4F/BSP	45392	3/4" BSP (F)	100
FV/0-1F/BSP	45393	1" BSP (F)	100
FV/3-4F/N	45390	3/4" NPT (F)	100
FV/0-1F/N	45391	1" NPT (F)	100

## HYDRAULIC HOSES



Hydraulic Rubber Hoses for use with Air Operated Oil Pumps

Exceeds SAE 100 R1 specification

Inner Dia. 1/2"  
Outer Dia. 7/8"

Hydraulically crimped with steel fittings with 1/2" (M) threads on both ends



#### ORDERING INFORMATION

CAT NR.	ORD NR.	LENGTH (M)	THREAD	BOX QTY.
HH/1.5/1-2M/BSP	45380	1.5	1/2" BSP (M)	25
HH/2.5/1-2M/BSP	45381	2.5	1/2" BSP (M)	25
HH/3.5/1-2M/BSP	45382	3.5	1/2" BSP (M)	25
HH/1.5/1-2M/N	45385	1.5	1/2" NPT (M)	25
HH/2.5/1-2M/N	45386	2.5	1/2" NPT (M)	25
HH/3.5/1-2M/N	45387	3.5	1/2" NPT (M)	25



Spigots are used as a dispenser with air operated pumps and also to construct oil bars.

Spring Loaded dispensing mechanism

CNC machined for non-drip operation

Available in:

- a. Locking style
- b. Non Locking style

### OBT-01

- Steel body in plated finish
- Includes wall mount attachment
- Locking style
- Available with nitrile or viton seals

### OBT-02

- Steel body in plated finish
- Without wall mount attachment
- Locking style
- Available with nitrile or viton seals

### OBT-03

- Steel body in plated finish
- Includes wall mount attachment
- Non-locking style
- Available with nitrile or viton seals

### OBT-03WF

- Aluminium body with stainless steel internal parts
- Includes wall mount attachment
- Non-locking style
- Viton seals



**OBT-01**  
With Wall Mount



**OBT-02**  
Without Wall Mount

### SPECIFICATIONS

MAX. PRESSURE	UPTO 800 PSI	UPTO 55 BAR
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### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	TYPE	SEALS	THREADS	BODY MATERIAL	BOX QTY.
BSP THREADS		NPT THREADS						
OBT/01	44350	OBT/01/N	45351	Locking	Nitrile	3/4" (M)	Steel	20
OBT/01V	44352	OBT/01V/N	47801	Locking	Viton	3/4" (M)	Steel	20
OBT/02	44351	-	-	Locking	Nitrile	3/4" (F)	Steel	20
OBT/02V	44353	-	-	Locking	Viton	1/2" (F)	Steel	20
OBT/03	47802	OBT/03/N	45352	Non-Locking	Nitrile	3/4" (M)	Steel	20
OBT/03/WF	47804	OBT/03/WF/N	47805	Non-Locking	Viton	3/4" (M)	Aluminium & SS	20



Heavy Duty metal oil bar with provision for 3 dispensing spigots & 3 oval gear digital oil meters

Detachable steel reservoir that is fitted with a sieve to filter out solid particles upto 0.23" (5.9 mm)

Easy to dismantle & repair equipment from the back

### WETTED COMPONENTS

Steel, Nitrile/Viton, Aluminium, Acetal

### RECOMMENDED USE

Oils upto SAE 140, Diesel, Kerosene & Engine Coolants

### SPECIFICATIONS

MAX. PRESSURE	800 PSI	55 BAR
FLOW RATE	1-30 LPM	0.3-8 GPM
METER ACCURACY	± 0.5 %	
WORKING TEMPERATURE	-14°C TO 55°C	
LEAST COUNT/RESOLUTION	UPTO 0.001 UNITS	

### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	NUMBER OF SPIGOTS	NUMBER OF METERS	BOX QTY.
BSPT		NPT				
OBR/KIT/1/B	47807	OBR/KIT/1/N	47813	1	0	1
OBR/KIT/2/B	47808	OBR/KIT/2/N	47814	2	0	1
OBR/KIT/3/B	47809	OBR/KIT/3/N	47815	3	0	1
OBR/KIT/1M/B	47810	OBR/KIT/1M/N	47816	1	1	1
OBR/KIT/2M/B	47811	OBR/KIT/2M/N	47817	2	2	1
OBR/KIT/3M/B	47812	OBR/KIT/3M/N	47818	3	3	1



### Rugged Transfer Guns

Designed for use with gear oils to get them both into and out of gear boxes, transfer cases and differentials

Deluxe lip seal provides maximum suction

### Available in 2 options

1. Steel Barrel in premium powder coated finish
2. Clear tube barrel helps identify fluid contamination

Fully serviceable

Needs no priming

Suitable for use with non corrosive liquids



### VARIANTS

SG/10BL	SG/11BL	SG/11XL	SG/1000	SG/10-CL/BU
Steel Barrel Aluminium Die Cast Head Capacity: 500 ml (16 oz.)	Steel Barrel Plated Steel Head Capacity: 500 ml (16 oz.)	Steel Barrel Plated Steel Head Capacity: 700 ml (24 oz.)	Steel Barrel Plated Steel Head Capacity: 1000 ml (32 oz.)	<b>NEW!</b> Clear Tube Barrel Aluminium Head Capacity: 500 ml (16 oz.)

### ORDERING INFORMATION

CAT NR.	ORD NR.	CAPACITY		BOX QTY.
		(ML)	(OZ.)	
SG/10BL	45200	500	16	20
*SG/11BL	45205	500	16	20
SG/11XL	45220	700	24	10
SG/1000	45221	1000	32	10
<b>SUCTION GUN - CLEAR TUBE</b>				
◆ SG/10-CL/BU	46940	400	14	16
HOSE/SG/10/12	44342	Replacement Hose		100

\* Best Seller ◆ New

### Complete vehicle fluid transfer solutions

Draws in & pumps out liquid in a single stroke

Easy & safe answer to fluid transfer, especially useful in transferring media unsafe for body contact

Rugged aluminium die cast head

'V' type drop resistant plunger handle

Complete with 8' of vinyl hose (4' with each valve)



### VARIANTS

	SG-20	SG-21	SG-21CL
<b>BARREL</b>	Aluminium	Steel	<b>NEW!</b> Clear Tube helps identify fluid contamination
<b>CAPACITY</b>	350 ML (12 OZ.)	500 ML (16 OZ.)	450 ML (15 OZ.)
<b>WETTED COMPONENTS</b>	Aluminum, Brass, Viton, PVC	Steel, Aluminium, PVC	Steel, Aluminium, PVC, Polycarbonate & NBR
<b>RECOMMENDED USE</b>	Fuel Oils, Mineral Oils, Synthetic & Biological Oils, Petrol, Cooling Liquids, Water, Antifreeze, Spirits & Brake Fluids	Fuel Oils, Mineral Oils, Synthetic & Biological Oils, Cooling liquids & Spirits	Hydraulic Oil, Lubricating Oils, Engine Oil, Fuel Oils, Mineral Oils, Synthetic Oil, Non-Corrosive liquids, Cooling liquids & Spirits

### ORDERING INFORMATION

CAT NR.	ORD NR.	CAPACITY		BOX QTY.
		(ML)	(OZ.)	
SG/20	45250	350	12	20
SG/21	45270	500	16	20
◆ SG/21-CL/BU	46945	450	15	20
HOSE/SG/20/96	44343	8' Spare Hose		50

◆ New



SCAN TO WATCH

Complete range of oil dispensing cans in a range of sizes from 125 ml to 1 litre (4 oz. to 1 quart)

All steel construction, with the body seamless drawn from tin coated sheet in premium powder coated finish

Metal pump has 2 ball valves for large volume delivery per stroke. The suction valve at the bottom of pump is without spring, which prevents malfunctioning because of sticking valve due to resinous oil

### PT Series

Modern & contemporary design with a dome shaped body. Manufactured with

- a. Steel Pump - Powder coated Red
- b. Brass Pump - Powder coated Blue

Can be supplied with rigid steel extension, wire braided flexible spout or both

Also available with metal corrugated flex spout

### OC Series

Designed for large hands & are popular in North America. Available both in Lever & Pistol style, these have a steel pump construction & have a black powder coated finish. Lever style Oil Cans come with a choice of rigid steel spouts with 30° bent or wire braided flexible spouts. Pistol style are supplied with either rigid steel or wire braided flexible extension

**NEW!**

#### PT SERIES

##### LEVER TYPE - STEEL PUMP



##### LEVER TYPE - BRASS PUMP



##### PISTOL TYPE - STEEL PUMP



##### PISTOL TYPE - BRASS PUMP



#### OC SERIES



### ORDERING INFORMATION - PT SERIES

CAT NR.	ORD NR.	CAT NR.	ORD NR.	CAT NR.	ORD NR.	CAT NR.	ORD NR.	CAPACITY	SPOUT LENGTH						BOX QTY.
									RIGID		FLEXIBLE		CORRUGATED STEEL		
RIGID SPOUT		FLEXIBLE SPOUT		RIGID & FLEXIBLE SPOUT		CORRUGATED FLEX STEEL SPOUT									
<b>LEVER TYPE - STEEL PUMP</b>															
MP21/R	41410	MP21/F	41420	MP21/RF	41430	◆ MP21/S	41530	200 ml / 6 oz.	5	125	6	150	6	150	72
MP22/R	41411	MP22/F	41421	MP22/RF	41431	◆ MP22/S	41531	300 ml / 10 oz.	5	125	6	150	6	150	72
MP22/4/R	41412	MP22/4/F	41422	MP22/4/RF	41432	-	-	400 ml / 13 oz.	6	150	7	175	-	-	72
MP23/R	41413	MP23/F	41423	MP23/RF	41433	◆ MP23/S	41532	500 ml / 16 oz.	6	150	7	175	6	150	72
MP24/R	41414	MP24/F	41424	MP24/RF	41434	◆ MP24/S	41533	700 ml / 23 oz.	7	175	8	200	6	150	60
MP25/R	41415	MP25/F	41425	MP25/RF	41435	◆ MP/25S	41534	1000 ml / 1 qt.	8	200	9	225	6	150	48
<b>LEVER TYPE - BRASS PUMP</b>															
MP21B/R	41610	MP21B/F	41620	MP21B/RF	41630	-	-	200 ml / 6 oz.	5	125	6	150	-	-	72
MP22B/R	41611	MP22B/F	41621	MP22B/RF	41631	-	-	300 ml / 10 oz.	5	125	6	150	-	-	72
MP22/4B/R	41612	MP22/4B/F	41622	MP22/4B/RF	41632	-	-	400 ml / 13 oz.	6	150	7	175	-	-	72
MP23B/R	41613	MP23B/F	41623	MP23B/RF	41633	-	-	500 ml / 16 oz.	6	150	7	175	-	-	72
MP24B/R	41614	MP24B/F	41624	MP24B/RF	41634	-	-	700 ml / 23 oz.	7	175	8	200	-	-	60
MP25B/R	41615	MP25B/F	41625	MP25B/RF	41635	-	-	1000ml / 1 qt.	8	200	9	225	-	-	48
<b>PISTOL TYPE - STEEL PUMP</b>															
M10/R	42220	M10/F	42225	M10/RF	42230	-	-	125 ml / 4 oz.	4	100	5	125	-	-	120
M15/R	42221	M15/F	42226	M15R/RF	42231	-	-	180 ml / 6 oz.	4	100	5	125	-	-	120
M15/BS/R*	42222	M15/BS/F*	42227	M15R/BS/F*	42232	-	-	180 ml / 6 oz.	4	100	5	125	-	-	120
M40/R	42223	M40/F	42228	M40R/F	42233	-	-	500 ml / 16 oz.	6	150	7	175	-	-	72
<b>PISTOL TYPE - BRASS PUMP</b>															
M10B/R	42240	M10B/F	42245	M10B/RF	42250	-	-	125 ml / 4 oz.	4	100	5	125	-	-	120
M15B/R	42241	M15B/F	42246	M15B/RF	42251	-	-	180 ml / 6 oz.	4	100	5	125	-	-	120
M15B/BS/R*	42242	M15B/BS/F*	42247	M15B/BS/RF*	42252	-	-	180 ml / 6 oz.	4	100	5	125	-	-	120
M40B/R	42243	M40B/F	42248	M40B/RF	42253	-	-	500 ml / 16 oz.	6	150	7	175	-	-	72

◆ New

### ORDERING INFORMATION - OC SERIES

CAT NR.	ORD NR.	CAT NR.	ORD NR.	CAPACITY	SPOUT LENGTH				BOX QTY.
					RIGID		FLEXIBLE		
30° RIGID SPOUT		FLEXIBLE SPOUT							
<b>LEVER TYPE</b>									
OC/1/R30	41810	OC/1/F	41815	500 ml / 16 oz.	9	225	9	225	72
OC/2/R30	41811	OC/2/F	41816	1000ml / 1 qt.	9	225	9	225	48
<b>PISTOL TYPE</b>									
OC/15/BS/R*	41820	OC/15/BS/F*	41825	180 ml / 6 oz.	6	150	6	150	120
OC/40/R	41821	OC/40/F	41826	500 ml / 16 oz.	6	150	6	150	64

\*With Base

Groz Precision Oiler is designed to lubricate the smallest, narrowest and hardest to reach places.

Manufactured from solid Aluminium with a steel needle.

Precisely formed threads and rubber seals for leak-proof connections

Integrated pocket clip and protective screw-on cap for conveniently carrying it in the pocket/ work apron without fear of leakage.

**To use the Oiler**

- Fill up to 5ml of oil into the aluminium reservoir.
- Push the thumb actuator to release a fine stream of small drops of oil with the highest precision exactly where needed

No mess, no leakage, no spillage.

Can be used safely even with very low viscosity oils.

A small compact easily refillable tool, it finds use in:

1. Automotive applications
2. Boats and marine applications
3. Model making
4. Repair shops
5. Construction and maintenance
6. Engineering & industrial applications
7. Watch & jewelry making
8. Optometrists
9. DIY applications around the home



The needlepoint tip allows for precise insertion of oil in confined areas

**NEW!**



**ORDERING INFORMATION**

CAT NR.	ORD NR.	OVERALL LENGTH		BOX QTY.
		(INCH)	(MM)	
POL/5	41805	5-5/8	143	30



Low density polyethylene body is unbreakable, light-weight & corrosion resistant

Manufactured in translucent white material to give a clear view of media

Bottle Oil Cans with graduations marked on the bottle in both ml & oz.

Easy to open, clean and can be filled repeatedly

Oil discharge is through the "squeeze action" of the oil can bottle.

Complete with a bent spout that is attached to the cap

Suitable for spot lubrication

**WETTED COMPONENTS**

Polyethylene

**RECOMMENDED USE**

Water, water based media, alcohol, soaps, plant nutrient solution, Light and heavy oils

**NEW!**



**AVAILABLE SIZES**

SQZ/125G	SQZ/250G	SQZ/500G	SQZ/1000G
125 ML (4 OZ.)	250 ML (8 OZ.)	500 ML (16 OZ.)	1000 ML (32 OZ.)

**ORDERING INFORMATION**

CAT NR.	ORD NR.	CAPACITY		BOX QTY.
		(ML)	(OZ.)	
SQZ/125G	41806	125	4	10
SQZ/250G	41807	250	8	10
SQZ/500G	41808	500	16	10
SQZ/1000G	41809	1000	32	10
<b>SETS</b>				
SQZ/2G/ST	41812	125 & 250 ml		5
SQZ/4G/ST	41813	125, 250, 500 & 1000 ml		5

**Note**

Oils cans must not be used to measure media for sale/ commercial use

## 143

### Measuring Jugs

JUG

Handy measuring jugs suitable for industrial and automotive applications

Heavy duty clear and transparent polypropylene body with exceptional optical clarity. Usage of food grade polymer makes these useful in food industry too

Strong and sturdy handle with ergonomic thumb grip for convenient usage

Graduated in Litres and Ounces

Highly resistant to acids, bases and chemicals these are Autoclavable at 121°C (250°F). Can be safely used in a microwave without fear of any deformation



**NEW!**

**AVAILABLE SIZES**

JUG/100G	JUG/250G	JUG/600G	JUG/1000G	JUG/2000G	JUG/5000G
100 ml (3 oz.)	250 ml (8 oz.)	600 ml (20 oz.)	1000 ml (32 oz.)	2000 ml (64 oz.)	5000 ml (160 oz.)

**ORDERING INFORMATION**

CAT NR.	ORD NR.	CAPACITY		BOX QTY.
		(ML)	(OZ.)	
JUG/100G	41943	100	3	10
JUG/250G	41944	250	8	10
JUG/600G	41945	600	20	10
JUG/1000G	41946	1000	32	10
JUG/2000G	41947	2000	64	10
JUG/5000G	41949	5000	160	10
<b>SETS</b>				
JUG/5-2-600	41990	600, 2000 & 5000	20, 64 & 160	5
JUG/5-1-600	41991	600, 1000 & 5000	20, 32 & 160	5
JUG/1-600-100	41992	100, 600, 1000	3, 20 & 32	5

**COMPATIBILITY CHART**

ACIDS, DILUTE OR WEAK	Excellent
ACIDS, STRONG AND CONCENTRATED	Excellent
ALCOHOLS	Excellent
ALDEHYDES	Very Good
BASES	Excellent
HYDROCARBONS	Very Good
OXIDIZING AGENTS, STRONG	Not Recommended

**Note**  
Jugs must not be used to measure media for sale / commercial use

## 144

### Flexible Spout Measures

MSR

High density polyethylene construction

Used for transferring metered qty. of fluids

8 Litre (8 Quart) measure is especially useful for transferring oils into the Engine / Transmission system of trucks & heavy vehicles.

**Note**

Measure must not be used to measure media for sale / commercial use



**ORDERING INFORMATION**

CAT NR.	ORD NR.	CAPACITY		BOX QTY.
		(LITRE)	(QUART)	
MSR/P/F-1	41900	1	1	40
MSR/P/F-2	41901	2	2	25
MSR/P/F-3	41902	3	3	20
* MSR/P/F-5	41903	5	5	15
MSR/P/F-6	41904	6	6	12
MSR/P/F-8	41913	8	8	12

\* Best Seller

## 145

### Flexible & Rigid Spouts

Oil can discharge spouts - rigid or flexible are fully interchangeable and available as spares in different lengths

Spouts are threaded 1/4" UNEF x 32 TPI



**ORDERING INFORMATION**

CAT NR.	ORD NR.	LENGTH END TO END		BOX QTY.
		INCH	MM	
<b>FLEXIBLE SPOUT</b>				
FS/5	41205	5	125	500
FS/6	41206	6	150	500
FS/7	41207	7	175	500
FS/8	41208	8	200	500
FS/9	41209	9	225	500
<b>RIGID SPOUT</b>				
RS/4	41224	4	100	500
RS/5	41225	5	125	500
RS/6	41226	6	150	500
RS/7	41227	7	175	500
RS/9	41229	9	225	500

**FS**  
Wire braided PVC construction, with solid brass ends. The ends are male threaded & can be easily screwed onto the female threaded spout on the oil can. These are especially useful for oiling hard to reach areas

**RS**  
Rigid spouts are made from zinc plated steel, with a slight bent at the discharge end. The ends are male threaded and can be easily screwed onto the female threaded spout on the oil can

For GROZ PT Series Oil Cans

**Funnel & measure built into one!**

A funnel with graduations that can be used for transferring measured quantity of fluid without any spills or splash

Graduated in US quarts & litres

Simple press of lever dispenses media.  
Releasing the lever stops outflow

Heavy duty polyethylene construction

Built in metal sieve ensures a contaminant free transfer

**WETTED COMPONENTS**

Polyethylene, Aluminum, Steel, NBR

**RECOMMENDED USE**

Diesel, Gasoline, Kerosene, Oils etc.

**DO NOT USE WITH**

Water Based Media

**NOTE**

Must not be used to measure media for sale / commercial use



Metal lever

Built in metal sieve ensures a contaminant free transfer



MFNL/5BC

MFNL/2BC


**ORDERING INFORMATION**

CAT NR.	ORD NR.	DESCRIPTION	CAPACITY		BOX QTY.
			(LITRE/QUART)		
MFNL/2	41980	Funnel only	2		10
MFNL/2B	41981	Funnel with base	2		10
MFNL/2C	41982	Funnel with dust cap	2		10
MFNL/2BC	41983	Funnel with base and dust cap	2		10
◆ MFNL/5	41985	Funnel only	5		10
◆ MFNL/5B	41986	Funnel with base	5		10
◆ MFNL/5C	41987	Funnel with dust cap	5		10
◆ MFNL/5BC	41988	Funnel with base and dust cap	5		10

◆ New



Funnel filled with oil

Press lever to start outflow

Polypropylene funnels designed for use with virtually any media. Will never corrode or rust.

**WETTED COMPONENTS**

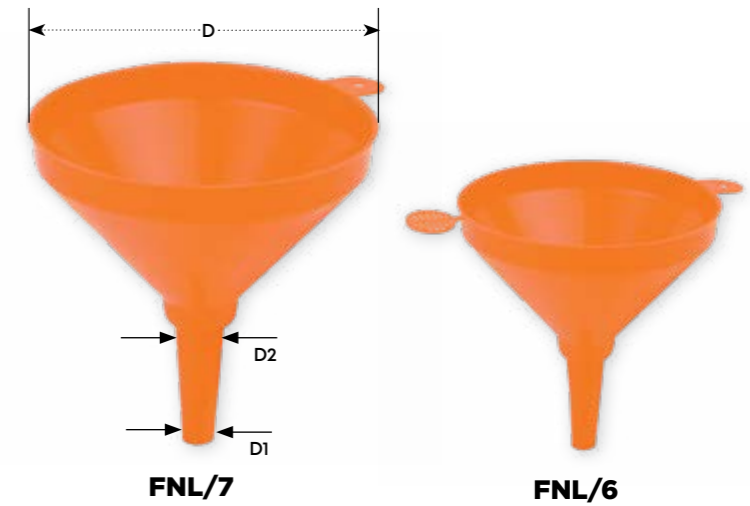
Polypropylene

**RECOMMENDED USE**

Diesel, Gasoline, Kerosene, Urea, Oils, Antifreeze & Other Water based media.

**DO NOT USE WITH**

Acids & Other media at temperatures above 60°C (140° F)



FNL/7

FNL/6

**ORDERING INFORMATION**

CAT NR.	ORD NR.	CAPACITY (ML)	HEIGHT (H)		D		D1		D2		BOX QTY.
			(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	
FNL/6	41935	650	6	153	5-3/4	146	9/16	14	7/8	22	120
FNL/7	41936	1800	8-11/32	214	8-11/32	212	1-1/8	28.9	1-7/8	46.5	60

High flow fuel & oil funnel with extra large mouth for easy pouring

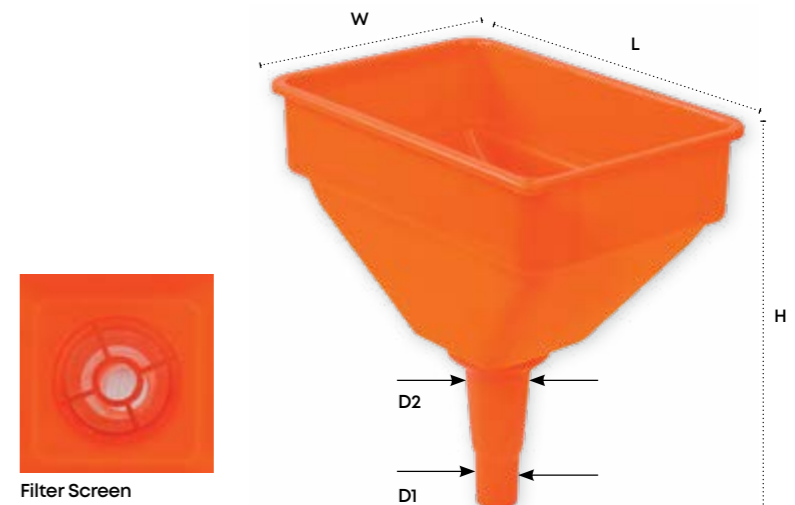
Heavy duty polypropylene construction

For outdoor use over varying temperature conditions & sunlight

Ships in nested form

**RECOMMENDED USE**

Diesel, Gasoline, Kerosene, Urea, Antifreeze & Water



Filter Screen

**ORDERING INFORMATION**

CAT NR.	ORD NR.	TYPE	CAPACITY		LENGTH (L)		WIDTH (W)		HEIGHT (H)		D1		D2		BOX QTY.
			(LITRE)	(GAL)	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	
FNL/11	41930	Funnel only													
FNL/11F	41931	Funnel with Filter Screen	4.7	1.2	11	280	7-1/2	190	11.41	290	1-1/8	29	1-3/4	45	30



# 149

## Plastic Funnel Set 4 Pieces

FNL

Polypropylene funnels designed for quick & drip-free transfer of variety of fluids

High rim works as an effective splash guard

Sold as a set of 4

### RECOMMENDED USE

Diesel, Gasoline, Kerosene, Urea, Oils, Antifreeze & Other Water based media.

### DO NOT USE WITH

Acids & other media at temperatures above 60°C (140°F)

**NEW!**



### SET INCLUDES 4 FUNNELS



DIA (D)		CAPACITY	
(INCH)	(MM)	(ML)	(OZ.)
5	125	430	15
4	100	245	8.5
3	75	120	4.2
2	50	40	1.4

### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
FNL/4/ST	42005	50

# 150

## Smart Funnels

FNL-8

FNL-9

Heavy duty polyethylene construction

Designed with special contours in the funnel body for easy handling

Anti-splash & spill proof, with rim of the funnel curved in

Complete with wire mesh screen, dust cover & flexible spout

Available in 2 sizes. The larger size is available both with and without drum bung attachment, which allows the funnel to be mounted direct onto drums with 2" threaded opening

Manufactured in translucent white to give a clear view of media

Other colour options can be custom built on request



### VARIANTS

FNL-8	FNL-9	FNL-9B
<ul style="list-style-type: none"> <li>Capacity: 1.7 Litre (1.7 Qt.)</li> <li>Dia: 8" (205 mm)</li> </ul>	<ul style="list-style-type: none"> <li>Capacity: 3.0 Litre (3 Qt.)</li> <li>Dia: 9-1/2" (240 mm)</li> </ul>	<ul style="list-style-type: none"> <li>Capacity: 3.0 Litre (3 Qt.)</li> <li>Dia: 9-1/2" (240 mm)</li> <li>Complete with 2" bung for direct attachment to a drum</li> </ul>



Connects directly to drums with 2" opening



Spill proof funnel design



### ORDERING INFORMATION

CAT NR.	ORD NR.	CAPACITY		MAJOR DIA.		SPOUT LENGTH		BOX QTY.
		(LITRE)	(QUART)	(INCH)	(MM)	(INCH)	(MM)	
* FNL/8	41920	1.7	1.7	8	205	6-11/16	170	15
FNL/9	41921	3	3	9-1/2	240	9-5/8	245	15
* FNL/9B	41922	3	3	9-1/2	240	9-5/8	245	15

\* Best Seller

### The No Mess, No Spill, Hands Free

Solution for refilling of engine oil, diesel, gasoline etc. on almost all vehicle openings

#### • Unique & Innovative Design

- Adjustable spring loaded, glass filled plier for openings from 1" - 3-1/8" (25 mm - 80 mm)
- Adjustable clamp ring to screw funnel on different base heights
- Funnel sits tight without wobbling; no oil spill, no mess.

#### WETTED COMPONENTS

Polypropylene, Polycarbonate

#### RECOMMENDED USE

Light, Medium and High Viscosity Oils, Diesel, Detergents & Gasoline.

#### DO NOT USE WITH

Urea, Kerosene, Lacquer, Lacquer Thinner, Hydrochloric Acid, Aromatic Hydrocarbons



#### Setting the Funnel



Thread funnel into the clamp ring

Start refilling the fluid into the engine

#### Interchangeable Funnel



Thread funnel into the clamp ring

Adjust the clamp ring

#### Also available with Seal Piercing Filter



- For direct transfer of oil from bottles/packs
- Filter pierces through the seal on the bottle /pack eliminating the need to manually remove the seal
- Prevents contamination of oil

#### ORDERING INFORMATION

CAT NR.	ORD NR.	MIN. FILL DIA.		MAX. FILL DIA.		TYPE	BOX QTY.
		(INCH)	(MM)	(INCH)	(MM)		
FNL/UV/25-80	41940	1	25	3-1/8	80	Funnel only	12
FNL/UV/25-80F	41941	1	25	3-1/8	80	Funnel with seal piercing filter	12



SCAN TO WATCH



HOSE  
REELS

All metal hose reels

Ribbed steel design prevents bending & flexing. Rolled edges for added strength & stability

Compact design allows these to be used in confined spaces with ease

**Casseted Spring Design:** Drive springs are manufactured from highest quality spring steel that ensures long life. Precise manufacturing guarantees a superior quality edge

Fully enclosed cassetted design makes the spring resistant to corrosion caused by water & dirt, guaranteeing longer life & trouble free operation. Convenient & safe maintenance

**Ratchet:** Heavy duty dual ratchet reduces stress on spring providing smooth & balanced operation during hose extension & retraction. Dual ratchet teeth can lock hose in multiple usable positions

**Multiple Position Guide Arm:** Guide arms can be adjusted at 45° intervals that provides versatile floor, wall or truck mounting with a convenient mounting angle for hose to be released at optimum position

**Reels are available With**

- a. **Dual Guide Arm:** Medium & high pressure applications involving grease & oils. Dual guide arm design is structurally reinforced strengthened with metal ribs that prevent flexing and bending due to hose pull
- b. **Single Guide Arm:** For low pressure applications involving air and water

Adjustable roller guide arm with removable nylon guide rollers reduces drag & wear

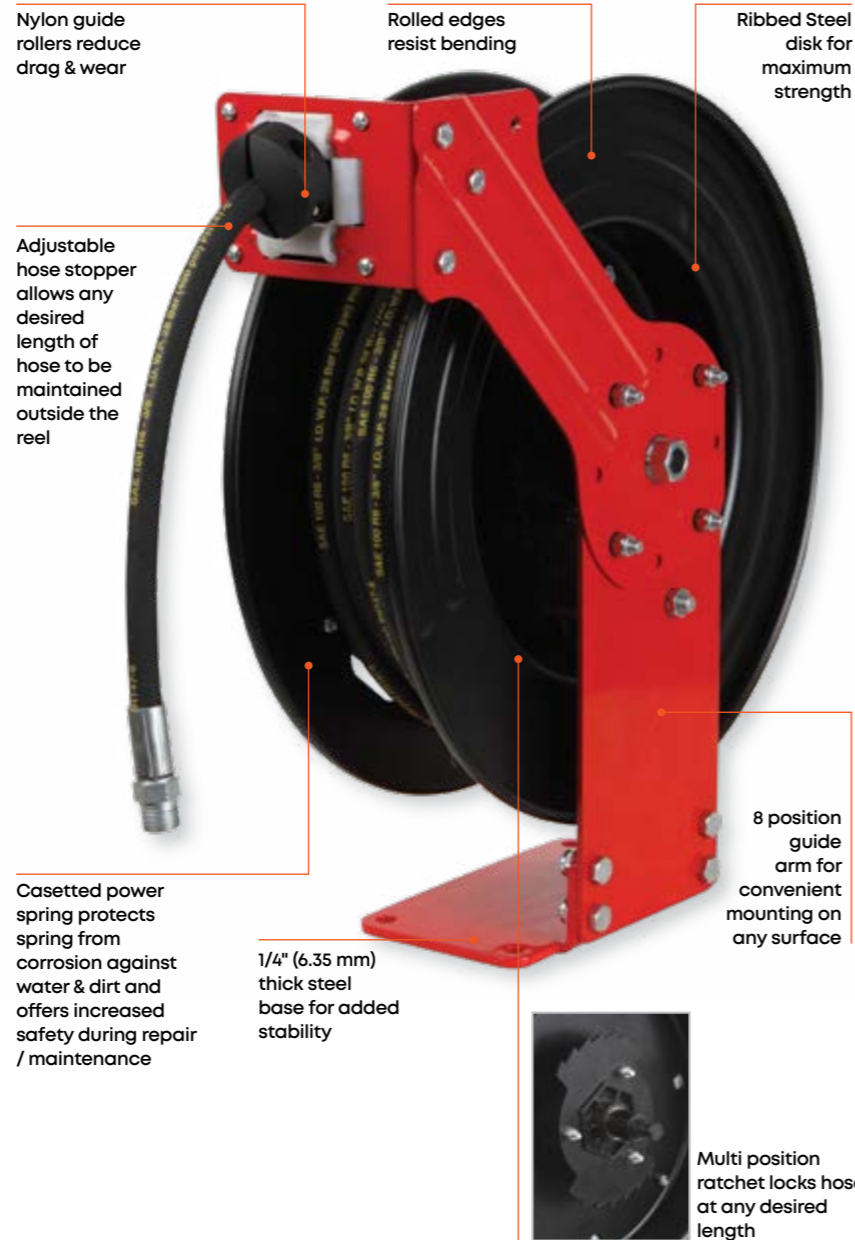
Inlet swivel reduces torque load on power spring for smoother hose movement & durability

1/4" (6.35 mm) thick steel base with easy mounting eyelet hole

All components are powder coated after cleaning, degreasing & iron phosphate penetrating ensuring a long lasting, durable & attractive finish

Hose reels come with an option of 10m (32.8') & 15m (49.2') hose

Hose Reel accessories for floor mounting & angular mounting on walls are also available



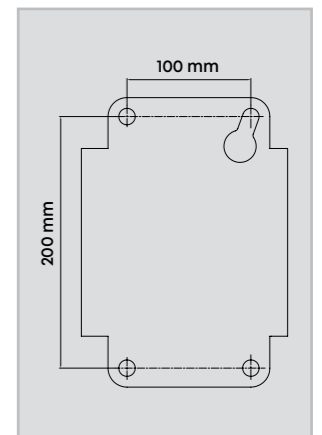
**MOUNTING BRACKET OPTIONS**

SWV/HR/360 47950	SWV/HR/140 47951
	
Floor Mounting Bracket (available as spare)	Wall Mounting Bracket (available as spare)

**VARIANTS**



Hose Reel Bolt Pattern



**ORDERING INFORMATION**

CAT NR.	ORD NR.	CAT NR.	ORD NR.	MAX. PRESSURE		INLET / OUTLET THREADS		HOSE ID		HOSE OD		HOSE LENGTH		BOX QTY.
				(PSI)	(BAR)	(INCH)	(INCH)	(MM)	(INCH)	(MM)	(M)	(FEET)		
<b>AIR WATER - LOW PRESSURE HOSE REELS</b>														
HR/AW/10M/3-8/B	47900	HR/AW/10M/3-8/N	47920	300	21	3/8	3/8	9.5	5/8	15.9	10	32.8	1	
HR/AW/15M/3-8/B	47901	HR/AW/15M/3-8/N	47921	300	21	3/8	3/8	9.5	5/8	15.9	15	49.2	1	
HR/AW/10M/1-2/B	47902	HR/AW/10M/1-2/N	47922	300	21	1/2	1/2	12.7	3/4	19	10	32.8	1	
HR/AW/15M/1-2/B	47903	HR/AW/15M/1-2/N	47923	300	21	1/2	1/2	12.7	3/4	19	15	49.2	1	
<b>OIL - MEDIUM PRESSURE HOSE REELS</b>														
HR/OL/10M/3-8/B	47960	HR/OL/10M/3-8/N	47970	2000	138	3/8	3/8	9.5	23/32	18.1	10	32.8	1	
HR/OL/15M/3-8/B	47962	HR/OL/15M/3-8/N	47972	2000	138	3/8	3/8	9.5	23/32	18.1	15	49.2	1	
HR/OL/10M/1-2/B	47961	HR/OL/10M/1-2/N	47971	2000	138	1/2	1/2	12.7	7/8	21.5	10	32.8	1	
HR/OL/15M/1-2/B	47963	HR/OL/15M/1-2/N	47973	2000	138	1/2	1/2	12.7	7/8	21.5	15	49.2	1	
<b>GREASE - HIGH PRESSURE HOSE REELS</b>														
HR/GR/10M/1-4/B	47980	HR/GR/10M/1-4/N	47990	5800	400	1/4	1/4	6.35	5/8	15.9	10	32.8	1	
HR/GR/15M/1-4/B	47982	HR/GR/15M/1-4/N	47992	5800	400	1/4	1/4	6.35	5/8	15.9	15	49.2	1	
HR/GR/10M/3-8/B	47981	HR/GR/10M/3-8/N	47991	4000	276	3/8	3/8	9.5	3/4	19	10	32.8	1	
HR/GR/15M/3-8/B	47983	HR/GR/15M/3-8/N	47993	4000	276	3/8	3/8	9.5	3/4	19	15	49.2	1	



**IV WASTE OIL HANDLING**

**153 Electric Waste Oil Pumps**

**EWOP**

Electric Pump for waste oil evacuation

Flexible impeller design enables pumping high viscosity fluids at high flow rate

Motor with thermal overload protection to prevent over heating

Self priming ZAMAC body can handle a wide variety of fluids

**Suction and Discharge Ports**

Dual threads: 3/8" NPT thread (F) and 3/4"-11.5 NH(M)

Ideal for pumping used engine oil, transmission oil, hydraulic oil etc.

**Available in the following options**

- a. 115V, 60Hz AC
- b. 220V, 50Hz AC
- c. 12V DC

**Duty Cycle**

45 min ON / 45 min OFF

**WETTED COMPONENTS**

ZAMAC, Stainless Steel, Nitrile Rubber, Neoprene

**RECOMMENDED USE**

Used Oil, Engine Oil, Transmission Oil, Hydraulic Oil, Water, Ethylene Glycol

**DO NOT USE WITH**

Gasoline, any flammable media



	EWOP/115/US		EWOP/220/EU		EWOP/12	
FLOW RATE	23 LPM	6 GPM	23 LPM	6 GPM	17 LPM	4.5 GPM
MAX. PRESSURE*	18 PSI	1.25 BAR	18 PSI	1.25 BAR	18 PSI	1.25 BAR
SUCTION LIFT (DRY/WET)	6' / 8'	182 CM / 243 CM	6' / 8'	182 CM / 243 CM	6' / 8'	182 CM / 243 CM
DISCHARGE HEAD (WATER)	40'	12.2M	40'	12.2M	40'	12.2M
MAX. VISCOSITY	2000 SSU	SAE 30	2000 SSU	SAE 30	2000 SSU	SAE 30
POWER CABLE LENGTH	6'	182 CM	6'	182 CM	N/A	N/A

\*As pressure increases the flow rate will decrease

**ORDERING INFORMATION**

CAT NR.	ORD NR.	INPUT POWER	BOX QTY.
EWOP/115/US	45850	115V, 60HZ AC	4
EWOP/220/EU	45851	220V, 50HZ AC	4
EWOP/12	45852	12V DC	4

Specifically engineered with reduced parts ensuring maximum performance & reliability. These are used for transfer of clean & particulate laden fluids including waste oil in industrial, automotive, chemical processing, oil & gas and marine applications

**Truly Non-lubricated Design**

A non lubricated outside accessible air distribution system with no messy pre-packed grease

**Energy saving**

20% less air consumption over conventional pumps

**Fully bolted design**

Quick tear down & rebuild, Hence negligible downtime during operation

**20% Fewer wearing parts**

Low periodic maintenance is required

**Self Priming**

The pump design (incorporating internal check valves) allows for high suction lift even at dry start-up and with heavier fluids

**Explosion Proof**

As pumps are operated by compressed air, therefore, they are intrinsically safe

**Submersible**

If external components are compatible - these pumps can be submerged in the liquid by simply running the exhaust line above the liquid level

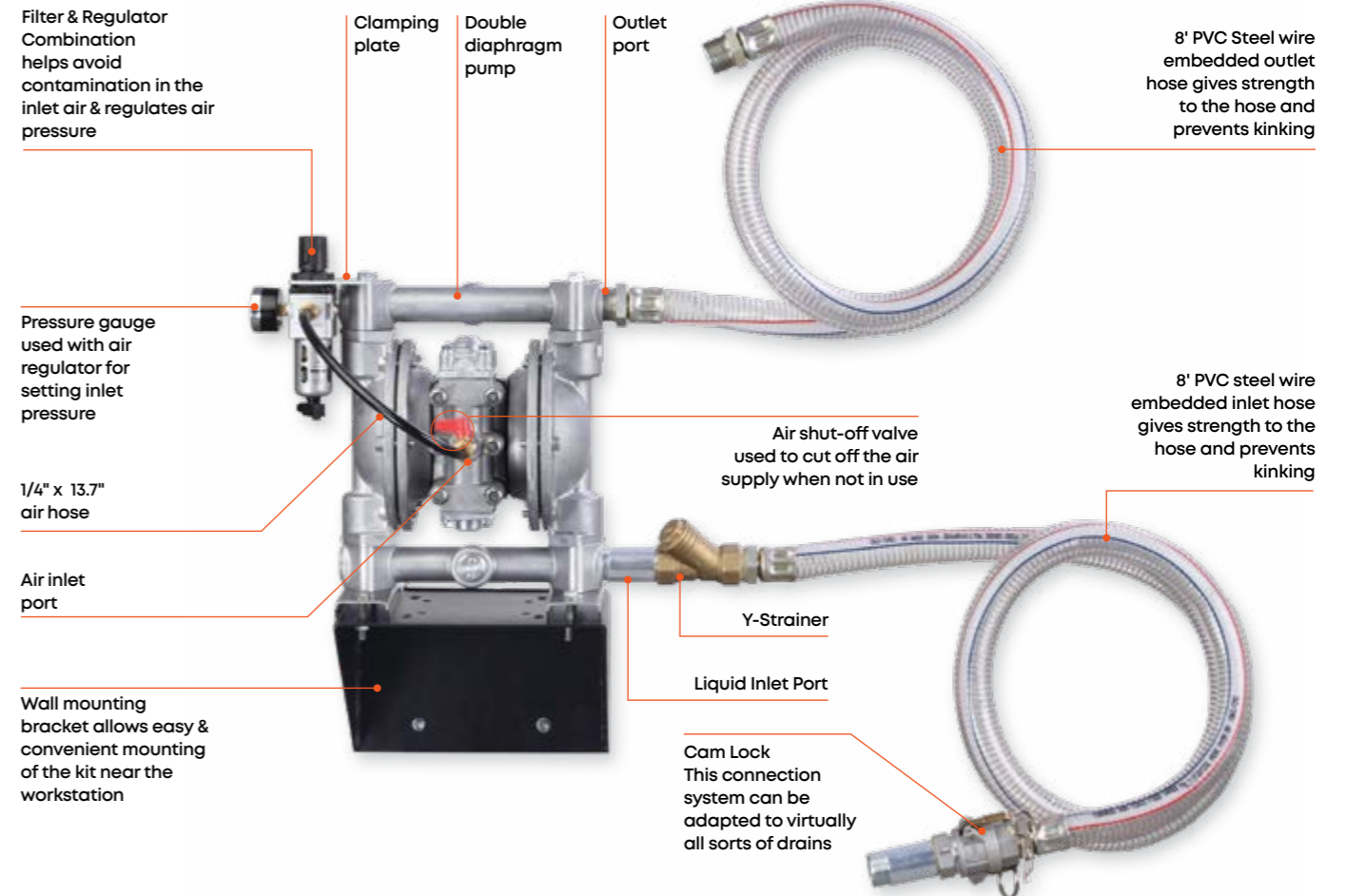

**VARIANTS**

	AODD/25/BAH/N	AODD/15/BAH/N	AODD/15/BPS/N
		<b>NEW!</b>	
SIZE	1"	1/2"	1/2"
CASING	Aluminum	Aluminium	Polypropylene
DIAPHRAGM	Hytrel	Hytrel	Santoprene
FLOW RATE	UPTO 140 LPM (37 GPM)	UPTO 58 LPM (15.3 GPM)	UPTO 55 LPM (14.5 GPM)
PUMP INLET/OUTLET (F)	1" Opening	1/2" Opening, 4 Inlets & 4 Outlets	1/2"
AIR INLET	3/8"	1/4"	1/4"
AIR INLET PRESSURE	29 - 100 PSI (2 - 7 BAR)	29 - 100 PSI (2 - 7 BAR)	29 - 100 PSI (2 - 7 BAR)
MAX. PARTICLE SIZE	1/8" or less (3 MM or less)	1/32" or less (1 MM or less)	1/32" or less (1 MM or less)
WETTED COMPONENTS	Aluminum & Hytrel	Aluminum & Hytrel	Polypropylene & Santoprene
DISCHARGE VOLUME PER CYCLE	UPTO 600 ML	UPTO 160 ML	UPTO 190 ML
DIMENSIONS	10 x 10 x 12-3/8" (257 x 257 x 315 MM)	8-1/2 x 9-21/32 x 11-11/32" (216 x 245 x 288 MM)	8.5 x 8.5 x 11.34" (216 x 216 x 288 MM)
LIQUID TEMP.	0 - 80°C	0 - 80°C	0 - 60°C
MAX. AIR CONSUMPTION	900 LPM (31.8 CFM)	520 LPM (18.3 CFM)	700 LPM (24.7 CFM)
NOISE LEVEL	81 db	81 db	81 db
WEIGHT	9.3 KG (20 LBS)	5.4 KG (11.9 LBS)	2.54 KG (5.6 LBS)
RECOMMENDED USE	Diesel Fuel, Kerosene, Lubricants, Gear Oil, Engine Oil, Waste Oil, Brake Fluid, Naphtha, Mold Lubricants, Antifreeze & Waste Water	Diesel Fuel, Kerosene, Lubricants, Gear Oil, Engine Oil, Waste Oil, Brake Fluid, Naphtha, Mold Lubricants, Antifreeze & Waste Water	Adblue, Antifreeze, Ethanol, Ammonium Hydroxide & Waste Water

**ORDERING INFORMATION**

CAT NR.	ORD NR.	BOX QTY.
AODD/25/BAH/N	44746	1
◆ AODD/15/BAH/N	44726	1
AODD/15/BPS/N	44725	1

◆ New



Ideal for use in workshops & garages for removing used oil from drains and delivering to the used oil sump tank

**Waste Oil Evacuation System includes:**

1. Double Diaphragm pump
2. Filter Regulator Combination
3. Two 8' PVC hoses, cam lock, Y-strainer, fittings
4. Pressure gauge and air hose
5. Wall mounting bracket
6. Clamping plate
7. PTFE tape

**ORDERING INFORMATION**

CAT NR.	ORD NR.	BOX QTY.
KIT/AODD/1-2/WO/N	47750	1
KIT/AODD/0-1/WO/N	47751	1

**SPECIFICATIONS**

	KIT/AODD/1-2/WO/N	KIT/AODD/0-1/WO/N
SIZE	1/2"	1"
FLOW RATE	0-50 LPM	0-110 LPM
AIR INLET PRESSURE	29-100 PSI (2-7 BAR)	29-100 PSI (2-7 BAR)
CASING	Aluminium	Aluminium
DIAPHRAGM	Hytrel	Hytrel
MAX. PARTICLE SIZE	1/32" (1 MM)	1/16" (2 MM)

## 156 Plastic Truck Drain

**TD-17**

Designed for use with heavy-duty Trucks, Buses, RV's & other low profile automobiles.

17 gallon (65 litre) capacity reservoir moulded from robust, lightweight high-impact polyethylene.

Used to collect waste fluids, including motor oil and transmission fluid, coolant etc. Eliminates the need to lift the vehicle

4" (100 mm) nylon castors for better maneuverability.

Hose hanger for safe keeping the hose when not in use

Removable anti-splash tray does not allow solid particles/debris above 0.15" (3.8 mm) dia. to enter into the tank.

Recessed pocket at each corner provides storage space for drain plugs & filters

Baffles inside the reservoir prevent oil spillage during transport

### Available in three Versions:

- Truck Drain (Gravity Drain): Waste Oil is removed by gravity outflow
- Truck Drain with Manual Rotary Pump
- Truck Drain with Electric Oil Pump

### WETTED COMPONENTS

Polyethylene\*, PVC, Steel, Cast Iron & NBR (\*only for TD-17/G)

### RECOMMENDED USE

Diesel, Kerosene, Lubricating Oil (upto SAE 90), Non Corrosive Media, Waste Fluids including Motor Oil, Transmission Fluids, Coolant etc.



### VARIANTS

GRAVITY DRAIN	TRUCK DRAIN WITH MANUAL ROTARY PUMP	TRUCK DRAIN WITH ELECTRIC OIL PUMP
<b>WETTED COMPONENTS</b> Polyethylene, PVC, Steel, Cast Iron, NBR, Aluminum, & Brass	<b>WETTED COMPONENTS</b> Polyethylene, PVC, Steel, Cast Iron, NBR, Aluminum, & Brass	<b>WETTED COMPONENTS</b> Polyethylene, PVC, Steel, Cast Iron, NBR, Aluminum, Brass, SS, Zamac & Neoprene

### FLUIDS



### SPECIFICATIONS

	TD-17G	TD-17P
TRUCK DRAIN HEIGHT	7 -3/4" (195 MM)	7 -3/4" (195 MM)
DISCHARGE HOSE OF 6FT. (2000 MM)	YES	YES
FEEDER HOSE OF 1.25 FT. (380 MM)	NO	YES
ROTARY PUMP DISCHARGE	-	1 LITRE / 5 STROKES
STEEL SPOUT	YES	YES

### ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	DISCHARGE HOSE - 6' (1.8 M)	FEEDER HOSE- 1.25' (380 MM)	STEEL SPOUT	PUMP FLOW RATE	BOX QTY.
TD/17G	45810	Gravity Drain	Yes	No	Yes	-	1
TD/17P	45811	Truck Drain with Manual Rotary Pump	Yes	Yes	Yes	1 litre (0.25 gal.)/5 strokes	1
TD/17E/12	45817	Truck Drain with 12 V DC Electric Oil Pump	Yes	Yes	Yes	Upto 17 LPM (4.5GPM)	1
TD/17E/115/US	45818	Truck Drain with 115 V AC Electric Pump	Yes	Yes	Yes	Upto 23 LPM (6GPM)	1
TD/17E/220/EU	45819	Truck Drain with 220 V AC Electric Pump	Yes	Yes	Yes	Upto 23 LPM (6GPM)	1



SCAN TO WATCH

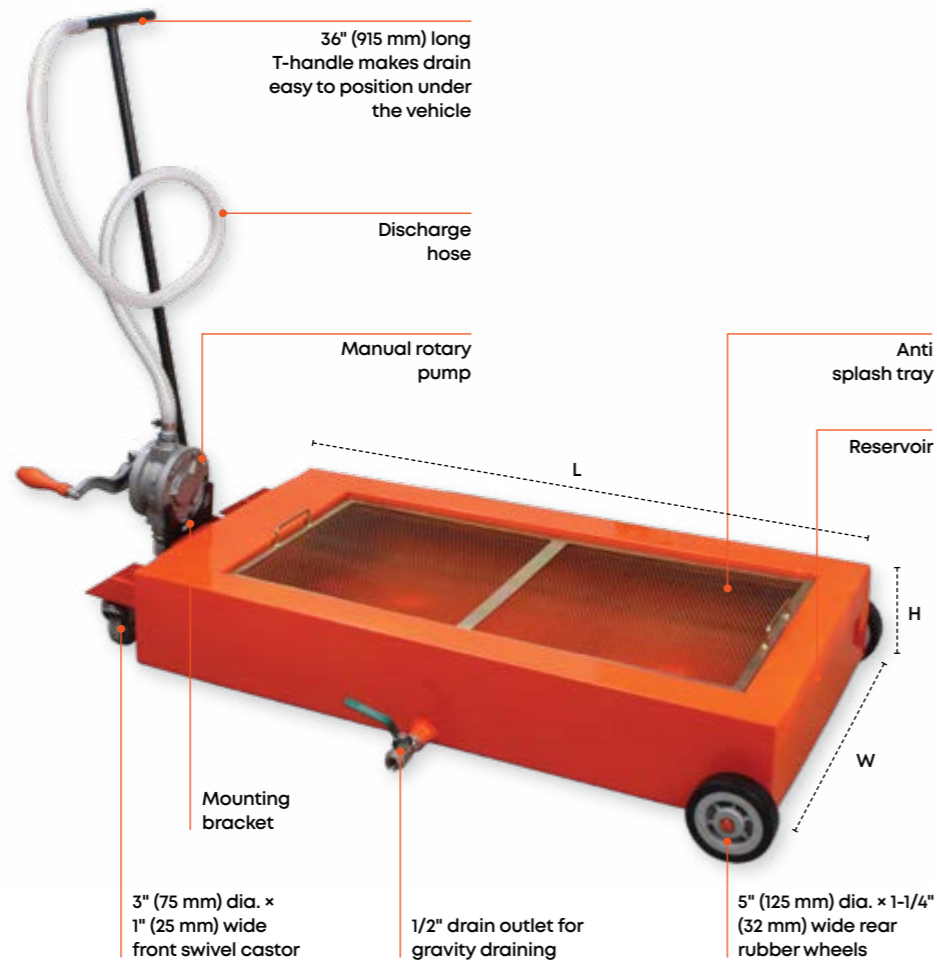
Designed for use with heavy duty trucks, buses, RV's and other low profile automobiles to collect waste fluids such as motor oils, transmission fluids, coolants etc.

Rugged steel construction makes this ideal for use in heavy duty applications in workshops

Removable anti-splash tray reduces splash and prevents entry of particles more than 0.20" (5mm) dia into the tank

**Both sizes of Truck Drain are available in 3 versions**

1. Gravity Drain: Waste Oil is removed by gravity outflow
2. Truck Drain with Manual Rotary Oil Pump
3. Truck Drain with Electric Pump
  - With a flexible impeller design, pump can pump high viscosity fluids at a higher flow rate.
  - Duty Cycle: 45 minutes ON/ 45 minutes OFF
  - UL Listed motor with thermal overload protection



**SPECIFICATION**

DESCRIPTION	GRAVITY TRUCK DRAIN	TRUCK DRAIN WITH MANUAL ROTARY PUMP	TRUCK DRAIN WITH ELECTRIC OIL PUMP		
			WITH 115V AC	WITH 220 V AC	WITH 12V DC
CAT NR.	TD/68G TD/90G	TD/68P TD/90P	TD/68E/115/US TD/90E/115/US	TD/68E/220/EU TD/90E/220/EU	TD/68E/12 TD/90E/12
DISCHARGE HOSE - 8.2FT (2.5M)	Yes	Yes	Yes	Yes	Yes
FEEDER HOSE	No	Yes	Yes	Yes	Yes
PUMP FLOW RATE		UPTO 1 litre / 5 Turns UPTO 0.25 Gallon / 5 Turns	UPTO 23LPM UPTO 6 GPM	UPTO 23LPM UPTO 6 GPM	UPTO 17LPM UPTO 4.5GPM

**VARIANTS**

GRAVITY DRAIN	TRUCK DRAIN WITH MANUAL ROTARY PUMP	TRUCK DRAIN WITH ELECTRIC OIL PUMP
<b>WETTED COMPONENTS</b> Steel & PVC	<b>WETTED COMPONENTS</b> Steel, PVC & NBR	<b>WETTED COMPONENTS</b> Steel, PVC, NBR, SS, Zamac & Neoprene

**Available in 2 sizes**

- 68 litres (18 gallons)** reservoir capacity  
Reservoir dimensions (L x W x H) :  
41-15/16" x 22" x 7-1/2" (1065 x 560 x 190 mm)
- 90 litres (23.7 gallons)** reservoir capacity.  
This sizes comes with in-built baffles  
Reservoir dimensions (L x W x H) :  
47-27/32" x 29-1/2" x 8 x 11/32" (1215 x 750 x 212 mm)

**ORDERING INFORMATION**

CAT NR.	ORD NR.	RESERVOIR CAPACITY		BOX QTY.
		(LITRES)	(GALLONS)	
<b>GRAVITY DRAIN</b>				
TD/68G	45802	68	18	1
TD/90G	45806	90	23.7	1
<b>WITH MANUAL ROTARY PUMP</b>				
TD/68P	45803	68	18	1
TD/90P	45807	90	23.7	1
<b>WITH 115V 60 HZ AC PUMP</b>				
TD/68E/115/US	44440	68	18	1
TD/90E/115/US	44450	90	23.7	1
<b>WITH 220V 50 HZ AC PUMP</b>				
TD/68E/220/EU	44441	68	18	1
TD/90E/220/EU	44451	90	23.7	1
<b>OIL DRAIN 12V DC PUMP</b>				
TD/68E/12	44442	68	18	1
TD/90E/12	44452	90	23.7	1



Oil Drain with wheel mounted tank

Suitable for gravity draining of motor, engine, gearbox & differential oils, transmission & power steering fluids etc. from all types of motor vehicles placed on auto lift or a pit

Durable all-steel design and re-inforced castors

Centrally mounted 10 litres (10.50 qt.) capacity bowl is height adjustable & can be optimally positioned for oil draining and other maintenance operations

Designed for excellent mobility, easy bowl positioning & simple to use pressurized evacuation

Complete with a 14" (355mm) telescopic bowl that can be adjusted from 45" (1143 mm) to 72" (1828 mm)

68 litre (18 gallon) tank includes a pre-set air regulator that allows the use of standard compressed air up to 150 PSI (10 BAR)

Tank includes a safety valve and a reinforced dispensing hose that doubles as a sight gauge to prevent overfilling

Not for use with fuels and corrosive media



Bowl fitted with anti-splash screen



Dispensing hose doubles as a sight gauge to prevent over filling



Lockable front wheels provide stability to the unit



Used oil being drained from vehicle in an automotive workshop


**SPECIFICATIONS**

TANK CAPACITY	68 LITRES	18 GALLONS
MAX. COLLECTION CAPACITY	55 LITRES	14.5 GALLONS
BOWL CAPACITY	10 LITRES	10.50 QUARTS
BOWL INNER DIAMETER	14"	355 MM
LENGTH OF DRAINING HOSE	2 METER	
MAXIMUM HEIGHT	72"	1828 MM
MINIMUM HEIGHT	45"	1143 MM
RECOMMENDED DRAINING PRESSURE	8 PSI	0.5 BAR

**ORDERING INFORMATION**

CAT NR.	ORD NR.	BOX QTY.
WOD/68A	44601	1

High density polyethylene construction

Chemical / solvent resistant

Designed to ship in nested form

**Approximate size**

23.22" × 18.43" × 5.78"  
(590 x 468 × 147 mm)

Large spout for fast pouring

Built-in anti splash lip & baffles

Includes large handle

Anti spill spout cap



Designed to ship in nested form

**VARIANTS**

	ODP/16	ODP/16/GN
<b>RECOMMENDED USE</b>	Waste Oil	Antifreeze

**ORDERING INFORMATION**

CAT NR.	ORD NR.	CAPACITY		COLOUR	RECOMMENDED USE	BOX QTY.
		(LITRE)	(GALLON)			
* ODP/16	41960	16	4-1/4	Black	Waste Oil	15
ODP/16/GN	41961	16	4-1/4	Green	Antifreeze	15

\* Best Seller



**160**

**Drain Container**

**ODP-15**

**NEW!**

High density polyethylene drain container for recycling of used oil

Designed for use with heavy duty, large capacity equipment involving multiple oil changes

Closed design for safe & spill-free disposal

No mess to clean up on top or side

Drain direct  
 • No oil tub or funnel needed

Large 8" (200 mm) opening with catch all basket holds small parts & filters & screw cap with exclusive o-ring seal

Integrated handle for easy carrying and handling

Stores upright or flat without leakage

Complete with wheels for slosh & spill free mobility

**RECOMMENDED USE**

Used oil, Antifreeze

Vent to Drain Out Fluids



8" (200 mm) Opening



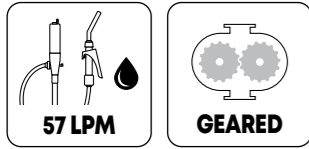
Wheels

**ORDERING INFORMATION**

CAT NR.	ORD NR.	CAPACITY		DIMENSIONS		BOX QTY.
		LITRE	QUART	(INCH)	(MM)	
ODP/15	41966	14.25	15	18x16x5	457x406.4x127	5



**V** FUEL EQUIPMENT & SPECIALITY PUMPS



Heavy duty industrial grade fuel pumps.

Designed for everyday use in agricultural, construction, automotive & industrial applications

Lightweight, yet strong non-corroding aluminium die-cast construction. Weather proof for tough outdoor use

Geared pump design using precision sintered metal gears

Geared construction makes the pump tolerant to contaminants in fuel; in addition to offering tremendous suction & minimal noise

UL & cUL listed Motor

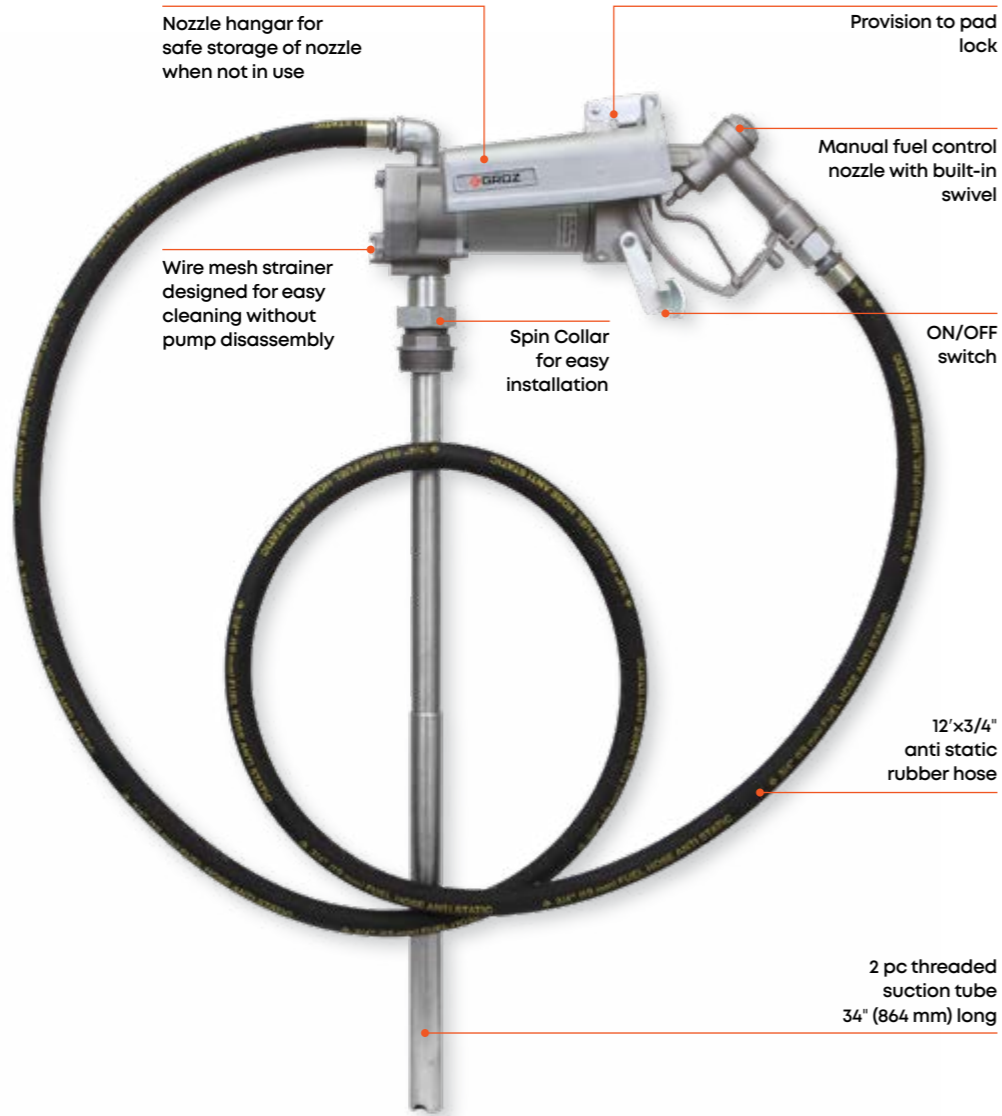
**Duty Cycle**  
30 minutes ON /  
30 minutes OFF

**WETTED COMPONENTS**

Aluminum, Steel, Cast Iron, Nylon, NBR, Zinc, Viton, Stainless Steel

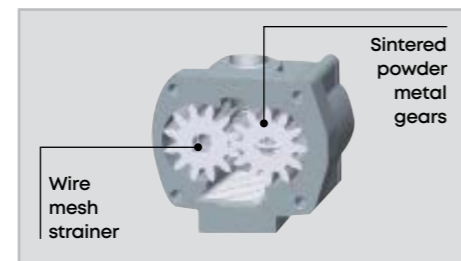
**RECOMMENDED USE**

Gasoline, Diesel, E15 Fuel, Kerosene, Bio Diesel (B20)



Drum Mounting

**PUMP INTERNALS**

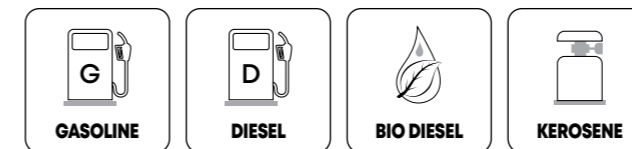


**VARIANTS**

	FPM-12	FPM-24	FPM-115	FPM-220
DESCRIPTION	Heavy Duty 12V DC	Heavy Duty 24V DC	Heavy Duty 115V AC	Heavy Duty 220V AC
FLOW RATE (AT PUMP OUTLET)	UPTO 57 LPM (15 GPM)*	UPTO 57 LPM (15 GPM)*	UPTO 49 LP (13 GPM)	UPTO 49 LPM (13 GPM)
EXPLOSION PROOF MOTOR	1/7 HP 12V DC	1/7 HP 24V DC	1/8 HP 115V AC , 60 Hz.	1/8 HP 220V AC , 50/60 Hz.
AMP	25 Amp	11 Amp	2.7 Amp	1.4 Amp
INTERNAL BYPASS VALVE	Yes	Yes	Yes	Yes
SUCTION PIPE	Steel	Steel	Steel	Steel
HOSE	3/4" x 12' anti static hose	3/4" x 12' anti static hose	3/4" x 12' anti static hose	3/4" x 12' anti static hose
TANK ADAPTER	2" threaded	2" threaded	2" threaded	2" threaded
INLET	1" NPT	1" NPT	1" NPT	1" NPT
OUTLET	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT
DISPENSING NOZZLE	3/4" manual with swivel	3/4" manual with swivel	3/4" manual with swivel	3/4" manual with swivel
BATTERY CABLE (2 WIRES)	15'	15'	NA	NA

\*Measured at pump outlet with Vehicle Engine switched on

**FLUIDS**



**ORDERING INFORMATION**

CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
* FPM/12	44040	12V DC	1
FPM/24	44041	24V DC	1
FPM/115	44042	115V AC	1
FPM/220	44043	220V AC	1
<b>SPARE</b>			
ZSA/HOS/FPM/12	44077	12' x 3/4" anti static rubber hose	-

\* Best Seller

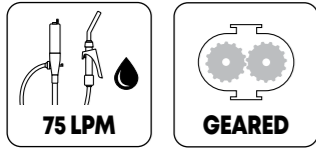


SCAN TO WATCH

## 162

### Electric Fuel Pump High Flow

FPM-HF



Heavy duty industrial grade high flow fuel pump

Designed for heavy duty usage in agricultural, construction, automotive & industrial applications

Lightweight yet strong, non-corroding aluminium die cast construction. Weather proof for tough outdoor use

Geared pump design using precision sintered metal gears

Geared construction using precision sintered gears makes the pump tolerant to contaminants in fuel; in addition to offering tremendous suction & minimal noise

UL & cUL listed Motor

**Duty Cycle**  
30 minutes ON /  
30 minutes OFF

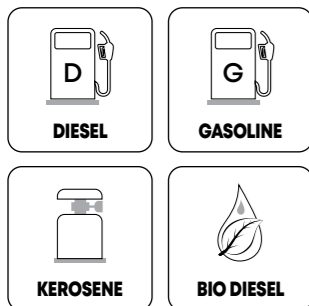
**WETTED COMPONENTS**

Aluminum, Steel, Cast Iron, Nylon, NBR, Zinc, Viton, Stainless Steel

**RECOMMENDED USE**

Gasoline, Diesel, E15 Fuel, Kerosene, Bio Diesel (B20)

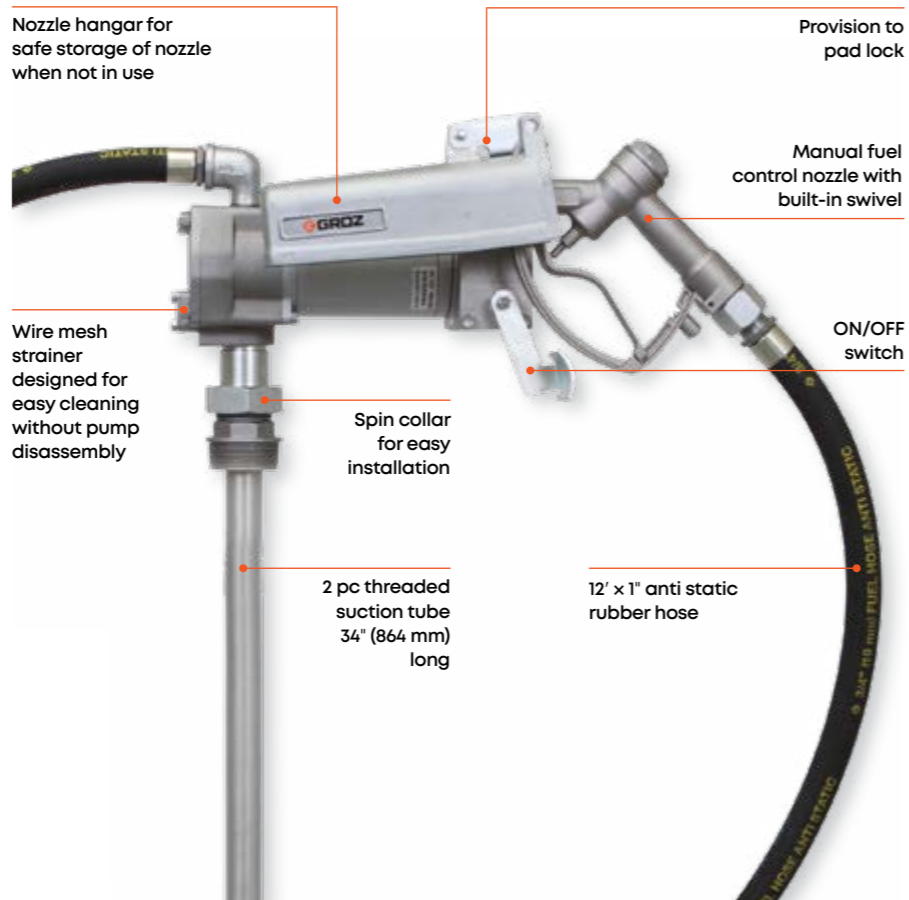
**FLUIDS**



**ORDERING INFORMATION**

CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
* FPM/12/HF	44045	12V DC	1

\* Best Seller



**SPECIFICATIONS**

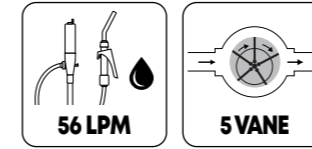
DESCRIPTION	Heavy Duty 12V DC
FLOW RATE (AT PUMP OUTLET)*	UPTO 75 LPM (20 GPM)
EXPLOSION PROOF MOTOR	1/7 HP 12V DC*
AMP DRAW FROM BATTERY	30 Amp
INTERNAL BYPASS VALVE	Yes
SUCTION PIPE	Steel
HOSE	1" x 12' anti static hose
TANK ADAPTER	2" threaded
INLET	1" NPT
OUTLET	1" NPT
DISPENSING NOZZLE	1" manual with swivel
BATTERY CABLE (2 WIRES)	15'

\*Measured at pump outlet with vehicle engine switched on

## 163

### Electric Fuel Pump Continuous Duty

GDP



Continuous Duty

Diesel Transfer Pump

Ideal for use on stationary tanks, fixed fuel transferring systems, dispensers & other similar industrial applications

Lightweight yet strong, non-corroding aluminium die cast construction

Self priming vane pump

Motor with thermal overload protection

**Duty Cycle**  
Continuous Duty

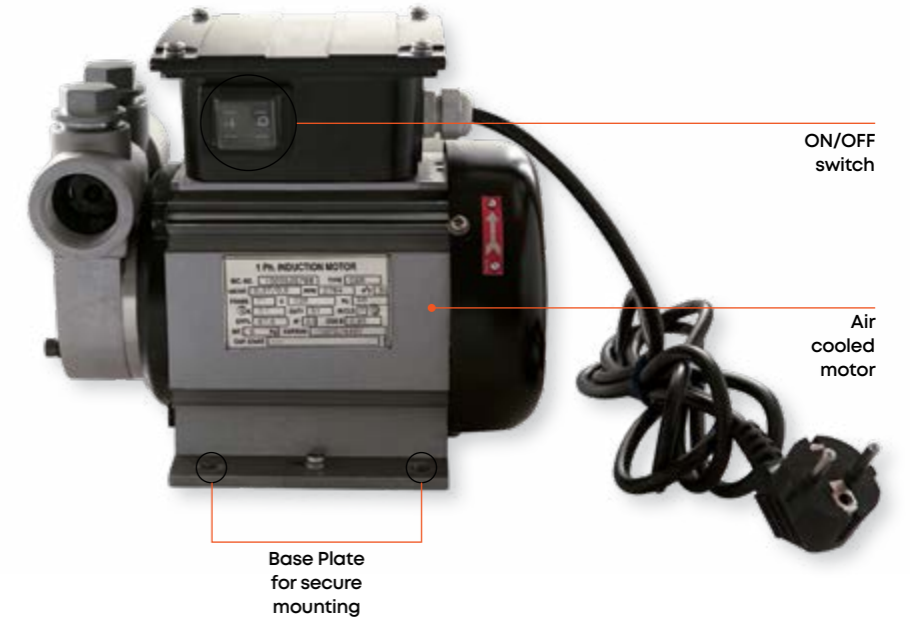
**WETTED COMPONENTS**

Aluminium, Nitrile Rubber, Steel, Nylon

**RECOMMENDED USE**

Diesel & Kerosene

**VARIANTS**



	CDP/115	CDP/220
DESCRIPTION	115V AC	220V AC
FLOW RATE*	UPTO 56 LPM (15 GPM)	UPTO 56 LPM (15 GPM)
MOTOR	1/2 HP 110V AC, 60 Hz	1/2 HP 220V AC, 50/60 Hz
RPM	3400	2800
INTERNAL BYPASS VALVE	Yes	Yes
INLET / OUTLET	1" NPT (F)	1" BSP (F) / 1" NPT (F)
POWER CABLE LENGTH	1.8M (6')	1.6M (5.3')
DUTY CYCLE	Continuous Duty	Continuous Duty

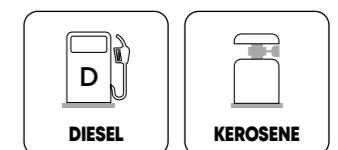
\*Measured at pump outlet

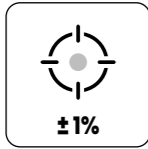
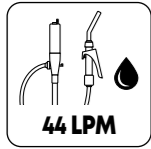
**ORDERING INFORMATION**

CAT NR.	ORD NR.	DESCRIPTION	INLET / OUTLET	BOX QTY.
CDP/115/US	45514	115V AC, 60 Hz, Power Cord with US Socket	1" NPT (F)	1
* CDP/220/EU	45510	220V AC, 50/60 Hz, Power Cord with European Socket	1" BSP (F)	1
CDP/220/AU	45512	220V AC, 50/60 Hz, Power Cord with Australian Socket	1" BSP (F)	1
CDP/220/US	45513	220V AC, 50/60 Hz, Power Cord with US Socket	1" NPT (F)	1

\* Best Seller

**FLUIDS**





A compact & convenient system designed for all stationary diesel refilling applications

Extremely versatile, the bowser can be installed directly on a wall, on an existing structure with screws or directly on a tank

**Complete system consists of:**

**a. Continuous duty self priming diesel pump**

Self priming, vane pump with an internal bypass valve is equipped with a self ventilated, 1/2 HP motor with thermal overload protection for continuous usage

**b. Mechanical Fuel Meter**

Nutating disc mechanical meter, flow rate of 20-120 LPM (5-30 GPM) & pressure rating 145 PSI (10 BAR)

**c. Fuel Control Nozzle – Automatic**

- Sensor in the discharge spout outlet automatically shuts off supply when fuel level in the tank reaches the discharge spout
- The nozzle is equipped with a swivel at the inlet for convenience in usage

**d. Nozzle Holder**

In-built into the metal casing for keeping hose safe when not in use

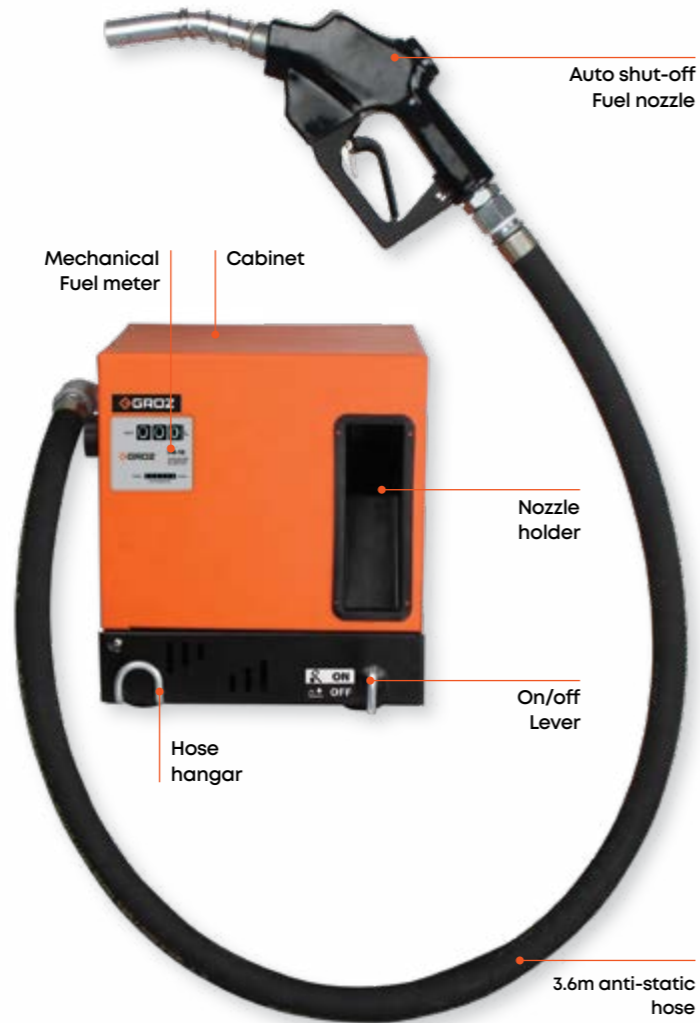
**e. Anti static fuel hose**

3.6m (10.5') x 1" (ID) long

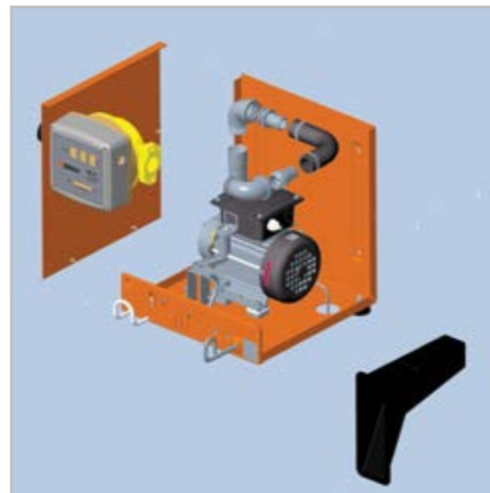
**f. Hose Hangar**

For safe storage of nozzle

All enclosed in a sturdy weather proof metal housing



Internal Parts



VARIANTS

	CBN/115	CBN/220
DESCRIPTION	115V AC	220V AC
FLOW RATE*	UPTO 44 LPM (11 GPM)	UPTO 44 LPM (11 GPM)
INLET / OUTLET	1" NPT (F)	1" BSP (F)
PUMP MOTOR	1/2 HP 115V AC, 60 Hz	1/2 HP 220V AC, 50 Hz
PUMP RPM	3400	2800
DUTY CYCLE	Continuous Duty	Continuous Duty
POWER CABLE LENGTH	1.8M (6')	1.6M (5.3')
METER ACCURACY	± 1%	± 1%
METER LEAST COUNT	0.10 gallons	0.10 litres
MAX. RESETTABLE BATCH TOTAL	99.9 gallons	999.9 litres
MAX. NON RESETTABLE TOTALIZER	99999.9 gallons	999999 litres
HOSE LENGTH	12 ft long x 1" ID	3.6m x 1" ID

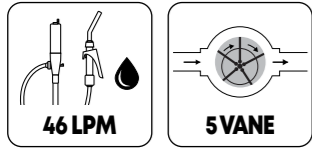
\*Measured at nozzle outlet

ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	INLET / OUTLET	BOX QTY.
CBN/115US/G/A	45676	1/2 HP 115V AC, 60 Hz	1" NPT	1
CBN/220EU/L/A	45675	1/2 HP 220V AC, 50/60 Hz. Power Cord	1" BSP	1



SCAN TO WATCH



Portable diesel transfer pumps

Designed for everyday use in agricultural, construction, automotive & industrial applications

Lightweight, yet strong non-corroding aluminum die-cast construction

Self priming vane pump design

Bypass valve keeps the motor safe even when the outlet is closed

### Duty Cycle

30 minutes ON /  
30 minutes OFF

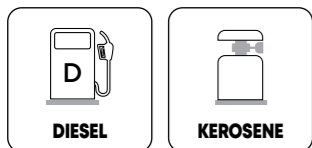
### WETTED COMPONENTS

Steel, Aluminum, Zinc, Nylon, NBR, PVC  
Nitrile, Acetal

### RECOMMENDED USE

Diesel & Kerosene

### FLUIDS



### SPECIFICATIONS

DESCRIPTION	12V DC	24V DC
FLOW RATE*	UPTO 46 LPM	12 GPM
MOTOR	1/4 HP 12V DC	1/4 HP 24V DC
RPM	2600	2600
AMP DRAW FROM BATTERY	18 Amp	11 Amp
INTERNAL BYPASS VALVE	Yes	Yes
OUTLET	3/4" NPT	3/4" NPT
BATTERY CABLE	2M	2M

\*Measured at pump outlet with vehicle engine switched on

### VARIANTS

BASE MOUNT STYLE		
EDP-12	EDP/12M/ST	EDP/12A/ST
<b>Pump with</b> <ul style="list-style-type: none"> <li>Base plate and lift handle</li> <li>2m long battery cable</li> </ul>	<b>Pump with</b> <ul style="list-style-type: none"> <li>Base plate and lift handle</li> <li>Manual Nozzle</li> <li>4m x 3/4" (ID) hose that can be cut &amp; used as suction &amp; delivery hose</li> <li>Strainer</li> <li>2m long battery cable with fuse &amp; clamps</li> <li>Hardware - 3 hose barbs (3/4") &amp; 4 hose clamps</li> </ul>	<b>Pump with</b> <ul style="list-style-type: none"> <li>Base plate and lift handle</li> <li>Automatic Nozzle</li> <li>4m x 3/4" (ID) hose that can be cut &amp; used as suction &amp; delivery hose</li> <li>Strainer</li> <li>2m long battery cable with fuse &amp; clamps</li> <li>Hardware - 3 hose barbs (3/4") &amp; 4 hose clamps</li> </ul>
DRUM MOUNT STYLE		
EDP/12MD/ST	EDP/12AD/ST	
<b>Pump with</b> <ul style="list-style-type: none"> <li>Manual nozzle with nozzle holder</li> <li>2" bung</li> <li>Elbow fitting</li> <li>2 pc suction tube</li> <li>3m x 3/4" (ID) delivery hose</li> <li>2m long battery cable with fuse &amp; clamps</li> <li>Hardware - 2 hose barbs (3/4") &amp; 2 hose clamps</li> </ul>	<b>Pump with</b> <ul style="list-style-type: none"> <li>Automatic nozzle with nozzle holder</li> <li>2" bung</li> <li>Elbow fitting</li> <li>2 pc suction tube</li> <li>3m x 3/4" (ID) delivery hose</li> <li>2m long battery cable with fuse &amp; clamps</li> <li>Hardware - 2 hose barbs (3/4") &amp; 2 hose clamps</li> </ul>	

### ORDERING INFORMATION

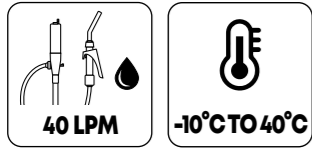
CAT NR.	ORD NR.	CAT NR.	ORD NR.	BASE PLATE	LIFT HANDLE	DRUM BUNG	NOZZLE TYPE	NOZZLE HOLDER	PUMP INLET THREADED	PUMP OUTLET THREADED	DISCHARGE HOSE	SUCTION TUBE	NYLON SUCTION STRAINER	BOX QTY.
12V DC PUMPS		24V DC PUMPS												
EDP/12	45530	EDP/24	45535	Yes	Yes	No	No	No	3/4" HB	3/4" HB	No	No	No	4
* EDP/12M/ST	45531	EDP/24M/ST	45536	Yes	Yes	No	Manual	No	3/4" HB	3/4" HB	Combo Hose 4m long		Yes	4
EDP/12A/ST	45532	EDP/24A/ST	45537	Yes	Yes	No	Automatic	No	3/4" HB	3/4" HB	Combo Hose 4m long		Yes	4
EDP/12MD/ST	45533	EDP/24MD/ST	45538	No	No	Yes	Manual	Yes	1"	3/4" HB	Hose 3 m long	2 pc Steel	No	4
EDP/12AD/ST	45534	EDP/24AD/ST	45539	No	No	Yes	Automatic	Yes	1"	3/4" HB	Hose 3 m long	2 pc Steel	No	4
BASE TO DRUM MOUNT CONVERSION KIT														
DMK/EDP	45540	Accessories kit to convert Base to Drum Mount version			Yes			Yes				2 pc Steel		

\* Best Seller

### WARNING

Do not use fluids with a flash point below 100°F (38°C), such as Gasoline & Alcohol

Sparking could result in explosion causing fatal injury



Vertical mount Oil & Fuel pump

Designed for light industrial, automotive, heating & marine applications

For use with non-flammable media

Built-in bung adapter fits directly on drums with 2" threaded opening

Manufactured from chemically inert materials, pumps work with a wide variety of low viscosity media

Motor has double insulation making it safe for use with water & emulsions

Built-in anti-siphoning system ensures that media does not flow out by siphon action causing accidental damage to the delivery hose or dispensing nozzle

Complete with 2pc threaded telescopic suction tube for use on 50-205 litre (15-55 gallon) drums

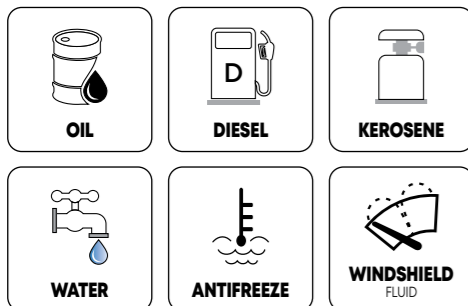
**Duty Cycle**  
Continuous Duty

**WETTED COMPONENTS**  
POM, Polypropylene,  
Stainless Steel, Nitrile Rubber, Viton & PTFE

**RECOMMENDED USE**  
Diesel, Kerosene, Mineral & Synthetic Oils, Heating Oils, Antifreeze, Water, Emulsions etc. Pump can be used with Fluids with a maximum viscosity of 114 cst



**FLUIDS**



**WARNING**

DO NOT USE  
With fluids with a flash point below 100°F (38°C), such as Gasoline & Alcohol

Sparking could result in explosion causing fatal injury

**SPECIFICATIONS**

	EOP/DC/12	EOP/DC/24	EOP/AC/110	EOP/AC/230
<b>DESCRIPTION</b>	12V DC	24V DC	110V AC, 60 Hz	230V AC, 50 Hz
<b>FLOW RATE*</b>	UPTO 35 LPM (9.25 GPM)	UPTO 35 LPM (9.25 GPM)	UPTO 40 LPM (10.5 GPM)	UPTO 40 LPM (10.5 GPM)
<b>MOTOR</b>	0.43 HP Centrifugal Motor	0.43 HP Centrifugal Motor	0.43 HP Centrifugal Motor	0.43 HP Centrifugal Motor
<b>AMP</b>	9.2 Amp	5.6 Amp	2.9 Amp	1 Amp
<b>ABSORBED POWER</b>	110 W	135 W	320 W	224 W
<b>INTERNAL BYPASS VALVE</b>	No	No	No	No
<b>DISCHARGE HEAD</b>	1 Meter	1 Meter	1 Meter	1 Meter
<b>TELESCOPIC SUCTION TUBE</b>	Extends from 31-1/2" to 43-45/64" (800 mm to 1110 mm)			
<b>DELIVERY HOSE</b>	3/4" ID x 2.5M Long			
<b>TANK ADAPTOR</b>	2" & M64 x 4			
<b>OUTLET</b>	3/4" HB			
<b>DISPENSING NOZZLE</b>	Manual Polypropylene nozzle with 3/4" Hose Barb			
<b>BATTERY/POWER CABLE</b>	3m long with battery clamps		2m long with US plug	2m long with EU plug
<b>WATER/ DUST PROTECTION</b>	IP X 4 ( protection against splashing water)			
<b>NOISE LEVEL</b>	70 db			

\*Measured at pump outlet tested using Diesel

**ORDERING INFORMATION**

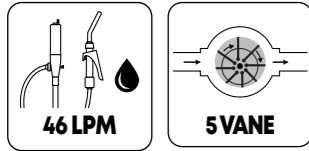
CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
EOP/DC/12	45521	12V DC	4
EOP/DC/24	45523	24V DC	4
* EOP/AC/110	45522	110V AC	4
* EOP/AC/230	45520	230V AC	4

\* Best Seller



## 167 Electric Diesel Pump Heavy Duty

EDP-HD



Portable Heavy Duty Diesel Transfer Pump

Designed for heavy usage in agricultural, construction, automotive and industrial applications

Lightweight & non-corroding Aluminium die cast construction

Self-Priming Vane pump design

Vanes made from steel for high tensile strength

Air Cooled Motor

Fuse position in secure electric box for increased safety

Compact Bracket Mounting design for use in confined spaces

### Pump complete with

- Base plate and lift handle
- 4m x 3/4" (ID) hose that can be cut & used as suction & delivery hose
- Nylon suction strainer
- Battery cable 2m with fuse & clamps
- Manual nozzle
- Hardware - 3 hose barbs (3/4") & 4 hose clamps

### Duty Cycle

45 minutes ON /  
45 minutes OFF

### WETTED COMPONENTS

Steel, Aluminium, Zinc, Nylon, Rubber & PVC Nitrile

### RECOMMENDED USE

Diesel & Kerosene

### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
EDP/HD/12M/ST	45561	4
EDP/HD/24M/ST	45563	4



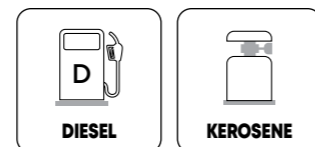
Designed for use in extreme heat without loss in performance

### VARIANTS

	EDP/HD/12M/ST	EDP/HD/24M/ST
DESCRIPTION	12V DC	24V DC
FLOW RATE*	UPTO 40 LPM	UPTO 40 LPM
MOTOR	1/4 HP 12V DC	1/4 HP 24V DC
POWER	180 Watts	180 Watts
RPM	2400	2400
CURRENT DRAWN	25 Amp	12 Amp
INTERNAL BYPASS VALVE	Yes	Yes
INLET	3/4" NPT	3/4" NPT
OUTLET	3/4" NPT	3/4" NPT
BATTERY CABLE	2M	2M

\*Measured at pump outlet with vehicle engine switched on

### FLUIDS

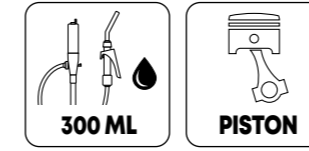


### WARNING

Do not use fluids with a flash point below 100°F (38°C), such as Gasoline or Alcohol. Sparking could result in explosion causing fatal injury

## 168 Lever Action Fuel Pump

LBP-85



### Rugged all steel construction

Fracture proof design with steel pump head & 2" bung

Extra long pump body makes it easy to place refill containers on the drum for convenient filling

Complete with telescopic suction tube for use on 50-205 litres (15-55 gallons) drums

### WETTED COMPONENTS

Steel, Viton, PTFE

### RECOMMENDED USE

Light Oils, Diesel, Bio Diesel & E85 fuels

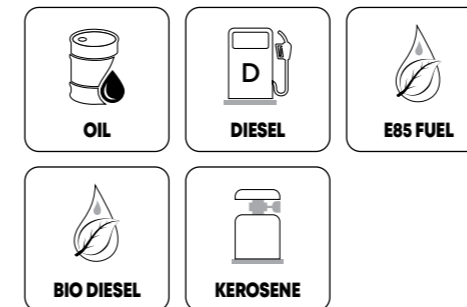
### DO NOT USE WITH

Corrosive liquids, Solvents, Acids, Alkalis etc.

### SPECIFICATIONS

FLOW RATE	UPTO 300 ML / STROKE	UPTO 10 OZ. / STROKE
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### FLUIDS



### ORDERING INFORMATION

CAT NR.	ORD NR.	FOR USE ON	BOX QTY.
LBP/85	44109	50-205 litre (15-55 gal.) drums	10



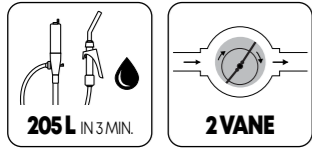
### WARNING

Never operate the pump near fire or source of spark. Some media may be explosive & dangerous to pump

169

## Rotary Booster Pump 3:1

RB-3



Geared rotary drum pump with 3 times discharge per rotation

For every complete handle turn, the rotor turns 3 times

Ideal for volume dispensing, such as on construction sites, workshop, aviation, farms / ranches, boats etc.

Die Cast Aluminum construction with sintered gear driven die cast zinc rotor & vanes

Complete with 3 pc threaded suction tube for use on 50-205 litre (15-55 gallon) drums

### WETTED COMPONENTS

Aluminum, Zinc, Steel, NBR & PVC Nitrile\* (\*only on RB/3H)

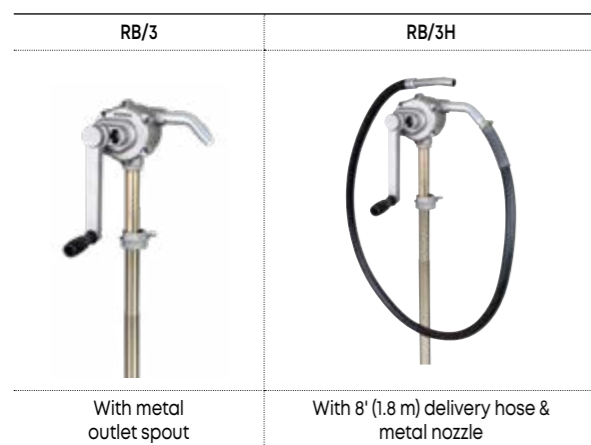
### RECOMMENDED USE

Gasoline, Diesel & Kerosene

### DO NOT USE WITH

With Corrosive liquids, solvents, acids, alkalis etc.

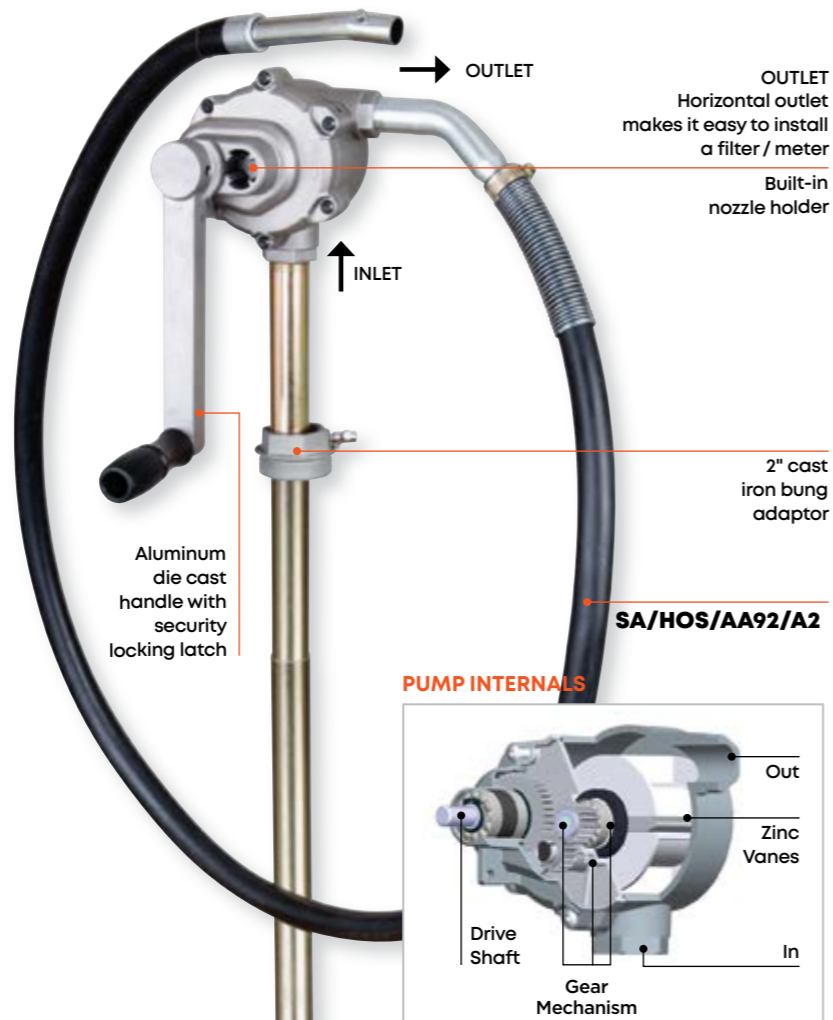
### VARIANTS



### ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
RB/3	44201	With metal outlet spout	4
*RB/3H	44198	With 8' (1.8 m) delivery hose & metal nozzle	4
SPARE			
ZSA/HOS/AA92/A2	44339	Spare hose 8' (1.8 m) discharge hose with metal nozzle, spring & hose clamp	-

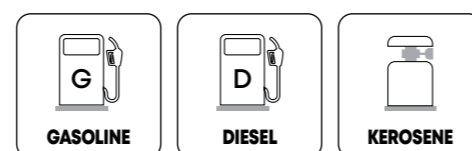
\* Best Seller



### SPECIFICATIONS

FLOW RATE	UPTO 205 LITRES IN MIN.	UPTO 55 GALLON IN MIN.

### FLUIDS



### WARNING

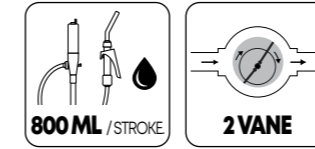
Note that fuels containing Ethanol will cause more frequent replacement of rubber parts

Never operate the pump near fire or source of spark. Some media may be explosive & dangerous to pump

170

## Fuel Transfer Pump Double Diaphragm

DPP-1



Heavy Duty Fuel Transfer Pump

Ideal for use where compressed air / power is not easily available such as on farms ranches, construction sites, boat etc.

Heavy duty aluminum die cast pump with stainless steel piston & fuel resistant hi-nitrile rubber diaphragm

Includes a 2" die cast bung adaptor & extra heavy duty steel handle with security locking latch

Pump inlet fitted with easy to clean wire mesh screen

**Complete with:** Telescopic suction tube with non-return valve, 8' (1.8 m) of anti-static rubber hose with die cast nozzle

For use with 50-205 litre (15-55 gallon) drums

### WETTED COMPONENTS

Aluminum, Steel, Stainless Steel, Poly Acetal & NBR

### RECOMMENDED USE

Gasoline, Diesel Fuel, Fuel Oil, Motor Oil & other light petroleum products

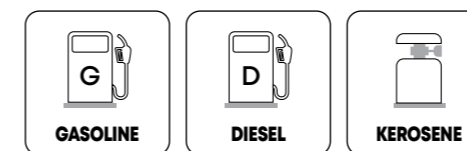
### DO NOT USE WITH

With Corrosive Liquids, Solvents, Acids, Alkalis etc.

### SPECIFICATIONS

FLOW RATE	UPTO 800 ML / STROKE	UPTO 1 GALLON IN 5 STROKES

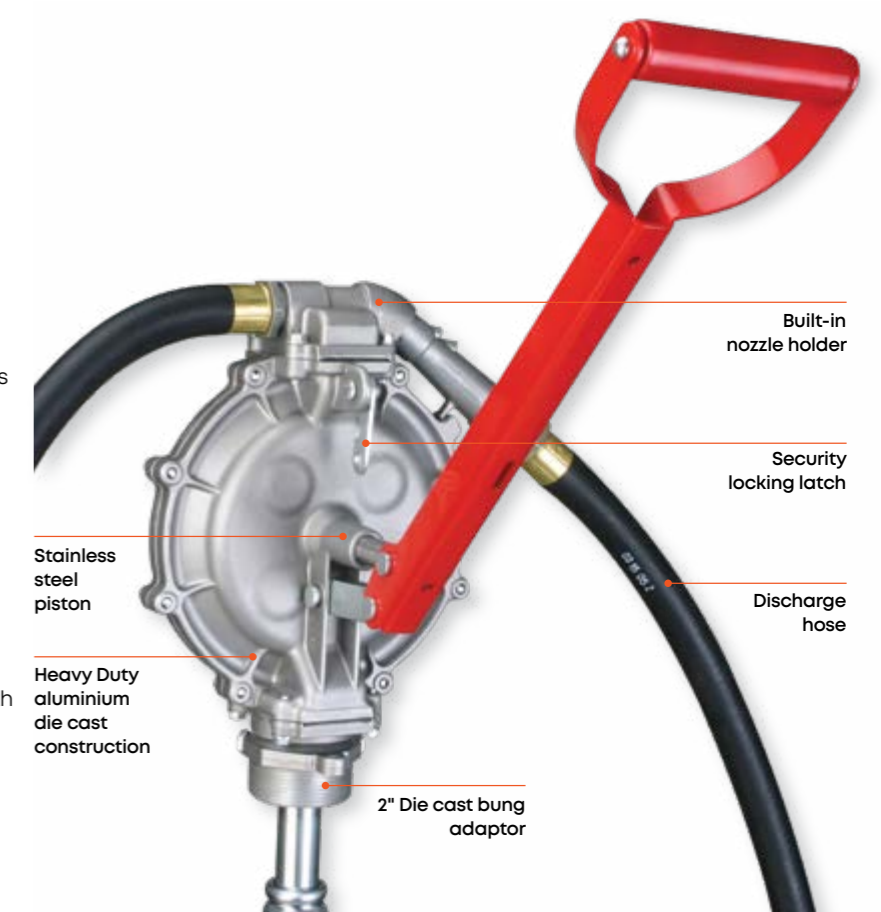
### FLUIDS



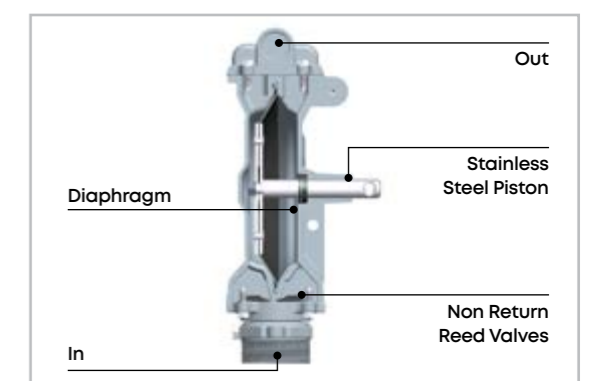
**Note**  
Pump has a vent/air hole built-in which will drain back any excess media into the drum

### ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
DPP/1	44195	Complete Pump Assembly	4
SPARE			
ZSA/HOS/RBP/3V	44338	8' (1.8 m) x 3/4" Replacement Hose	-
GKT/DPP/1	44194	Non Return Reed Valve Kit	-

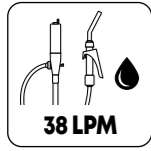


### PUMP INTERNALS



### USEFUL TIPS

- Note that Fuels containing Ethanol will cause more frequent replacement of rubber parts
- Do not use with Fuels with Ethanol content greater than 10%
- Never operate the pump near fire or source of spark. Some media may be explosive & dangerous to pump
- Pump is designed primarily for use with low viscosity media. Pumping heavy fluids may cause undue stress resulting in fracture



Industry Standard for Rotary Pumps

Ideal for tough outdoor use in extreme weather conditions

Solid cast iron construction, fully CNC machined to close tolerances

Pump Handle rotates a high quality sintered powder metal 3 vane rotor inside a highly finished pumping chamber

Self lubricating & non-wearing graphite vanes

High quality graphite seal allows the pump to be used with a wide variety of fluids including Diesel with upto 15% Ethanol blend

Self Priming operation with flow rate up to 38 LPM (10 GPM)

Supplied complete with 2" Bung, Telescopic Suction Tube with Strainer for use with 50-205 litre (15-55 gallon) drums

#### WETTED COMPONENTS

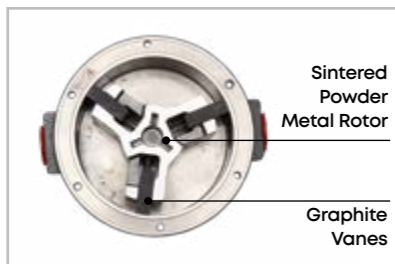
Cast Iron, Steel, Graphite, Paper, Acetal, NBR

#### DO NOT USE WITH

With Water Based Media

#### SPECIFICATIONS

FLOW RATE	UPTO	UPTO
	38 LPM	10 GPM

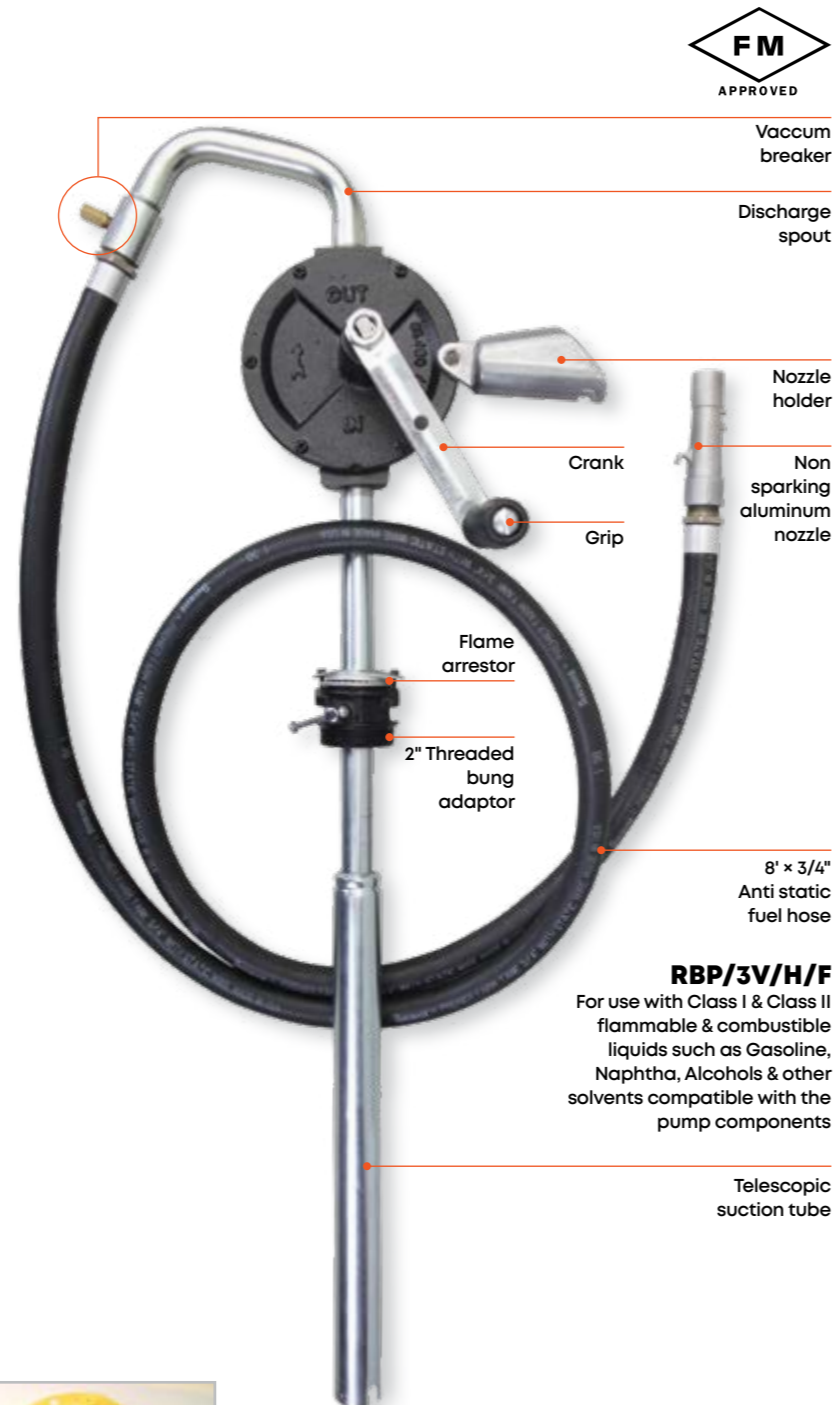
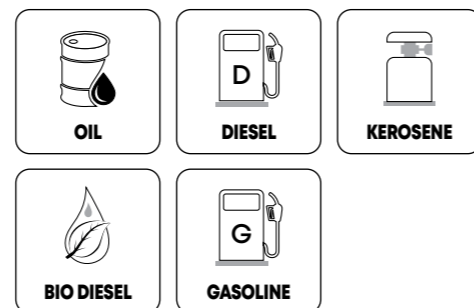


Pump Chamber with 3 Vane Construction



**KIT/RBP/3V**  
Includes pump head gasket, graphite vanes (3), Vane springs(3) Shaft nut, packing nut, paper washers (3), & rod guide

#### FLUIDS



Vaccum breaker

Discharge spout

Nozzle holder

Crank

Grip

Non sparking aluminum nozzle

Flame arrestor

2" Threaded bung adaptor

8' x 3/4" Anti static fuel hose

#### RBP/3V/H/F

For use with Class I & Class II flammable & combustible liquids such as Gasoline, Naphtha, Alcohols & other solvents compatible with the pump components

Telescopic suction tube

#### VARIANTS

RBP/3V	RBP/3V/H
<ul style="list-style-type: none"> <li>For use with Petroleum based fluids, Diesel &amp; Kerosene</li> <li>Ideal for use with barrels, drums &amp; tanks for transferring media into smaller containers</li> </ul>	<ul style="list-style-type: none"> <li>For use with Petroleum based fluids, Diesel &amp; Kerosene</li> <li>Ideal for use with barrels, drums &amp; tanks for quick refuelling of diesel powered vehicles &amp; equipment</li> </ul>
RBP/3V/H/MT	RBP/3V/F
<ul style="list-style-type: none"> <li>For use with Diesel &amp; Kerosene</li> <li>Ideal for quick refuelling of diesel powered vehicles &amp; equipment</li> </ul>	<ul style="list-style-type: none"> <li>For use with Class I &amp; Class II flammable &amp; combustible liquids such as Gasoline, Naphtha, Alcohols &amp; other solvents compatible with the pump components</li> </ul>

#### ORDERING INFORMATION

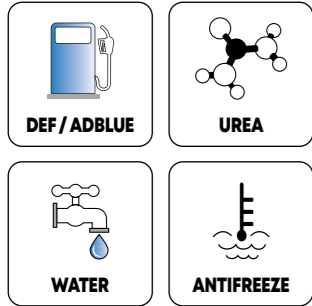
CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
* RBP/3V	44080	Steel Discharge Spout	4
RBP/3V/H	44081	8' (1.8 m) Anti-Static Hose, Non-Sparking Aluminum Nozzle & Nozzle Holder	2
RBP/3V/H/MT	44085	8' (1.8 m) Anti-Static Hose, Non Sparking Aluminium Nozzle, Nozzle Holder & Mechanical Fuel Meter (Litres)	2
RBP/3V/H/MTG	44087	8' (1.8 m) Anti-Static Hose, Non Sparking Aluminium Nozzle, Nozzle Holder & Mechanical Fuel Meter (Gallons)	2
<b>FM APPROVED PUMPS</b>			
RBP/3V/F	44084	Steel Discharge Spout, Drip Pan with Flame Arrestor	4
* RBP/3V/H/F	44082	8' (1.8 m) Anti-Static Hose, Non-Sparking Aluminum Nozzle & Nozzle Holder, Vaccum Breaker & Flame Arrestor	2
DP/RBP/3V	44083	Replacement Drip Pan only	10
<b>SERVICE PARTS</b>			
KIT/RBP/3V	44086	Repair Kit	-
SA/HOS/RBP/3V	44338	8' (1.8 m) x 3/4" Replacement Hose	-

\* Best Seller

DEF - Diesel Exhaust Fluid is a mixture of high purity synthetic automotive grade urea & de-ionised water. It is used in SCR (Selective Catalytic Reduction) system on diesel engines to reduce emissions

Designed to transfer DEF from a Drum/Tote to smaller container/engines etc.

### FLUIDS



### A DEF transfer system consists of

- a. DEF Transfer Pump**
  - 110V AC Diaphragm pump with lightweight non-corroding polypropylene body
- b. DEF Digital Turbine Meter (WM-20)**
  - Battery operated digital meter for use with DEF & water based media. Polyamide body & sealed electronic card makes it suitable for use in all sorts of weather conditions
  - Measures in Litres, Quarts, Pints & Gallons
- c. Inlet Hose**
  - Special EPDM inlet hose connecting the Drum/Tote opening to the pump inlet respectively
- d. Suction Hose**
  - Special EPDM suction hose
- e. Outlet Hose**
  - 20' special EPDM hose connecting the pump meter outlet to the dispensing nozzle
- f. Micromatic RSV (MCM/RSV/3713)**
  - Micromatic Reusable 3/4" BSPP threaded valve

### g. Manual DEF Nozzle (FCN/NY/HB/3-4)

Nylon construction with SS hardware & Viton seals, Manual control, but also includes a continuous flow switch for unattended dispensing

### h. Auto Shut Off DEF Nozzle (FCNA/S/SS/3-4)

Sensor built into the discharge spout automatically shuts off the supply once fluid level in the Drum/Tote reaches that of the outlet discharge spout

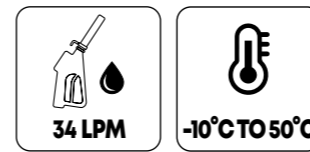
### i. Nozzle Holder

For safe storage of the nozzle while the fluid is not being dispensed

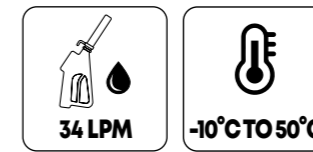
### j. Mounting Plate

- Stainless Steel mounting plate for use in 1000/1200 litres (275/330 gallons) totes & 205 litre (55 gallon) drums
- Drum mounting plate is stretchable for varying drum dia and acts as base for installing pump & other accessories

### TOTE MOUNTING KIT



### DRUM MOUNTING KIT



### SPECIFICATIONS

DESCRIPTION	DRUM MOUNT	TOTE MOUNT
FLOW RATE	UPTO 34 LPM (9 GPM)	UPTO 34 LPM (9 GPM)
INLET HOSE SIZE	4' x 3/4" ID	6' x 3/4" ID
OUTLET HOSE SIZE	2' x 3/4" ID	20' x 3/4" ID
SUCTION HOSE SIZE	4' x 3/4" ID	5' x 3/4" ID
INPUT VOLTAGE	110V AC	110V AC
MOTOR RATING	1/2 HP	1/2 HP
PROTECTION	IP55	IP55
DUTY CYCLE	30 mins ON / OFF	30 mins ON / OFF
WORKING TEMPERATURE RANGE	-10°C TO 50°C	14°F TO 122°F
ACCURACY*	± 1%	± 1%
REPEATABILITY*	0.30 %	0.30 %
MAX. WORKING PRESSURE	145 PSI (10 BAR)	145 PSI (10 BAR)
MAX. RESETTABLE BATCH TOTALIZER	99,999 units	99,999 units
MAX. NON RESETTABLE BATCH TOTALIZER	9,99,999 units	9,99,999 units
LEAST COUNT	0.001 units	0.001 units

\*Tested in laboratory conditions

### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
<b>TOTE MOUNTING KIT</b>		
KIT/IBC/DEF/1/US	47320	1
KIT/IBC/DEF/2/US	47321	1
KIT/IBC/DEF/3/US	47322	1
KIT/IBC/DEF/4/US	47323	1
<b>DRUM MOUNTING KIT</b>		
KIT/DRM/DEF/1/US	47340	1
KIT/DRM/DEF/2/US	47341	1
KIT/DRM/DEF/3/US	47342	1
KIT/DRM/DEF/4/US	47343	1

### PART LIST

	TOTE MOUNTING KIT			
	KIT/IBC/DEF/1/US	KIT/IBC/DEF/2/US	KIT/IBC/DEF/3/US	KIT/IBC/DEF/4/US
	BASIC	BASIC WITH MICROMATIC VALVE	ADVANCED	PREMIUM
STAINLESS STEEL TOTE MOUNTING PLATE	Yes	Yes	Yes	Yes
ELECTRIC DEF PUMP	Yes	Yes	Yes	Yes
DEF DIGITAL TURBINE METER	-	-	-	Yes
DEF/ADBLUE CONTROL NOZZLE - MANUAL	Yes	Yes	-	-
DEF/ADBLUE CONTROL NOZZLE - AUTOMATIC	-	-	Yes	Yes
MICRO MATIC RSV DISPENSING COUPLER	-	Yes	Yes	Yes
INLET HOSE	Yes	Yes	Yes	Yes
DISCHARGE HOSE	Yes	Yes	Yes	Yes
SUCTION HOSE	Yes	-	-	-
CONNECTING HARDWARE	Yes	Yes	Yes	Yes
	DRUM MOUNTING KIT			
	KIT/DRM/DEF/1/US	KIT/DRM/DEF/2/US	KIT/DRM/DEF/3/US	KIT/DRM/DEF/4/US
STAINLESS STEEL DRUM MOUNTING PLATE	Yes	Yes	Yes	Yes
ELECTRIC DEF PUMP	Yes	Yes	Yes	Yes
DEF DIGITAL TURBINE METER	-	-	-	Yes
DEF/ADBLUE CONTROL NOZZLE - MANUAL	Yes	Yes	-	-
DEF/ADBLUE CONTROL NOZZLE - AUTOMATIC	-	-	Yes	Yes
MICRO MATIC RSV DISPENSING COUPLER	-	Yes	Yes	Yes
INLET HOSE	Yes	Yes	Yes	Yes
DISCHARGE HOSE	Yes	Yes	Yes	Yes
SUCTION HOSE	Yes	-	-	-

## 173

### DEF / Adblue Pumps Electric

DEFP



Diaphragm transfer pump designed for dispensing DEF / Adblue

Lightweight non corroding, weather proof polypropylene body

Self priming pump design

Built-In Thermal Overload Protection

#### Duty Cycle

30 minutes ON / 30 minutes OFF

Pump inlet & outlet fitted with 3/4" (19 mm) hose barbs

#### WETTED COMPONENTS

Polypropylene, EPDM, Viton

#### RECOMMENDED USE

DEF/Adblue, Urea, Water, Antifreeze, Detergents etc.

#### DO NOT USE WITH

Diesel, Kerosene, Gasoline, Oils etc.

#### SPECIFICATIONS

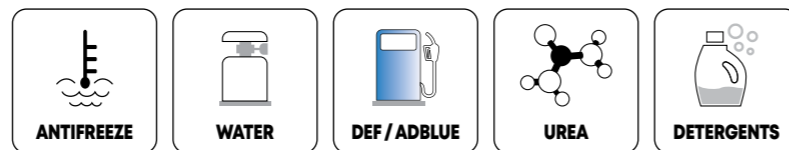
	12V DC	220V AC	115V AC
INPUT VOLTAGE	12V DC	220V AC, 50/60 Hz.	115V AC, 60 Hz.
FLOW RATE	UPTO 34 LPM (9 GPM)	UPTO 34 LPM (9 GPM)	UPTO 34 LPM (9 GPM)
MOTOR HP	1/4 HP	1/2 HP	1/2 HP
RPM	2900	2800	3400
AMP	16 Amp	1.5 Amp	3.0 Amp
INLET / OUTLET	3/4" Hose Barb	3/4" Hose Barb	3/4" Hose Barb
POWER CORD / CABLE	2m long with alligator clamps	2m long with EU Plug	2m long with US Plug
WORKING TEMPERATURE	-10°C TO 50°C (14°F TO 122°F)	-10°C TO 50°C (14°F TO 122°F)	-10°C TO 50°C (14°F TO 122°F)
WATER/ DUST PROTECTION	IP55	IP55	IP55

#### ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
DEFP/12	47501	12V DC	4
DEFP/220	47502	220V AC, 50 Hz.	4
* DEFP/110	47500	115V AC, 60 Hz.	4
RK/DEFP	47510	Repair Kit	10

\* Best Seller

#### FLUIDS



DEFP/12

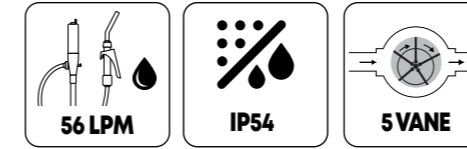


DEFP/115

## 174

### Electric DEF / Adblue Pumps Stainless Steel

DEFP-SS



The Groz Professional Series, Stainless Steel Pump is specifically engineered for efficient & safe dispensing of DEF/Adblue.

#### Rugged Construction

Stainless Steel SS 304 imparts durability and extended life to the pump as compared to commonly available regular polypropylene/ nylon pumps

#### Vane Pump Mechanism

The centrifugal vane pumping mechanism makes it more effective with enhanced suction lift & self priming feature as opposed to regular pumps that require priming and have limited suction ability

#### Continuous Duty

Time Saving Pump. Can run continuously without any stoppage, as opposed to regular pumps with a duty cycle of 15-20 minutes.

#### Safe Operation

Pump constructed using totally enclosed motor

#### Available in

- a. 115V AC, 60 Hz.
- b. 220V AC, 50/ 60 Hz.

#### WETTED COMPONENTS

304 SS, PP5, Viton

#### RECOMMENDED USE

DEF/Adblue, Urea, Water, Antifreeze, Detergents etc.

#### DO NOT USE WITH

Diesel, Kerosene, Gasoline, Oils etc.

#### ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	INLET / OUTLET	BOX QTY.
DEFP/SS/220/EU	47550	220V AC, 50Hz, Power cord with European Socket	3/4" Hose Barb	1
DEFP/SS/220/AU	47551	220V AC, 50Hz, Power cord with Australian Socket		1
DEFP/SS/220/UK	47552	220V AC, 50Hz, Power cord with British Socket		1
DEFP/SS/115/US	47554	115V AC, 60Hz, Power cord with US Socket		1
<b>REPAIR KIT</b>				
RK/DEFP/SS	47555	Repair kit for SS electric DEF pump		10

**NEW!**

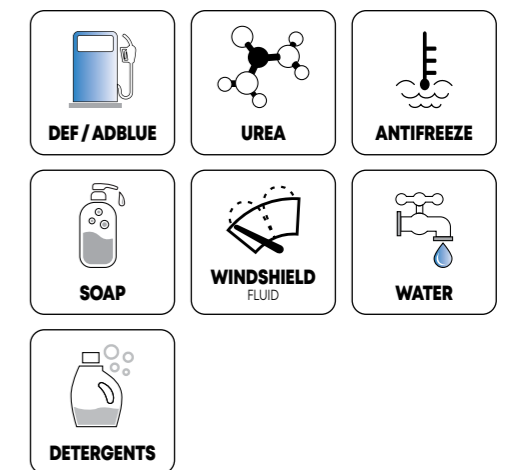
**CONTINUOUS DUTY**



#### SPECIFICATIONS

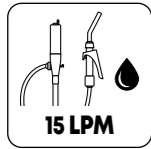
DESCRIPTION	115V AC	220V AC
FLOW RATE	UPTO 56 LPM (15 GPM)	UPTO 56 LPM (15 GPM)
PUMP TYPE	Vane	Vane
MOTOR	1/2 HP, 60 Hz	1/2 HP, 50/60 Hz
RPM	3400	2800
AMP	3	1.5
DRY SUCTION HEIGHT	1M (3.2')	1M (3.2')
INLET/OUTLET	1"	1"
POWER CABLE	1.6M (5-1/2')	1.6M (5-1/2')
DUTY CYCLE	Continuous	Continuous
WORKING TEMPERATURE	-10°C TO 50°C	14°F TO 122°F
WATER/ DUST PROTECTION	IP54	IP54

#### FLUIDS



## 175 Submersible Diesel Pump

SDP



12-24V DC powered submersible pump

Suitable for on-site diesel refuelling at construction sites, farms, cement plants, mining sites etc.

Pump motor fully covered with a water tight corrosion and rust proof PVC casing making it suitable to be used as a high quality, submersible pumping unit

Easy to clean filter keeps contaminants away

### Duty Cycle

60 minutes ON /  
60 minutes OFF

Complete with 4m (13') of cable with 2 alligator clamps and 3m (9.8') flexible hose and a Nozzle.

### WETTED COMPONENTS

PVC, PP, NBR, Zinc, Stainless Steel, PE, PU

### RECOMMENDED USE

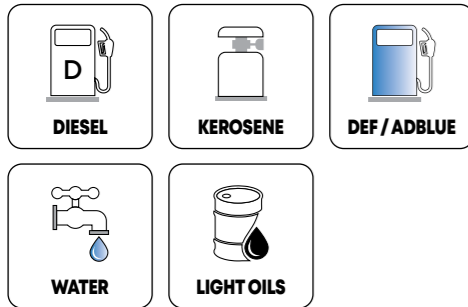
Kerosene, Diesel, Water, Untreated water, DEF/Adblue (Not safe for drinking)

### DO NOT USE WITH

Gasoline or Other volatile liquids.

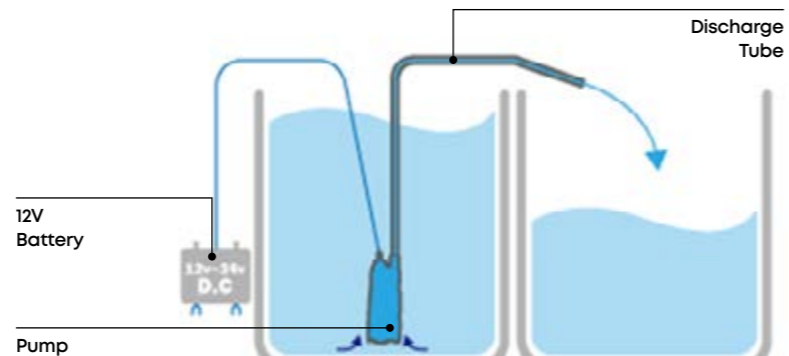
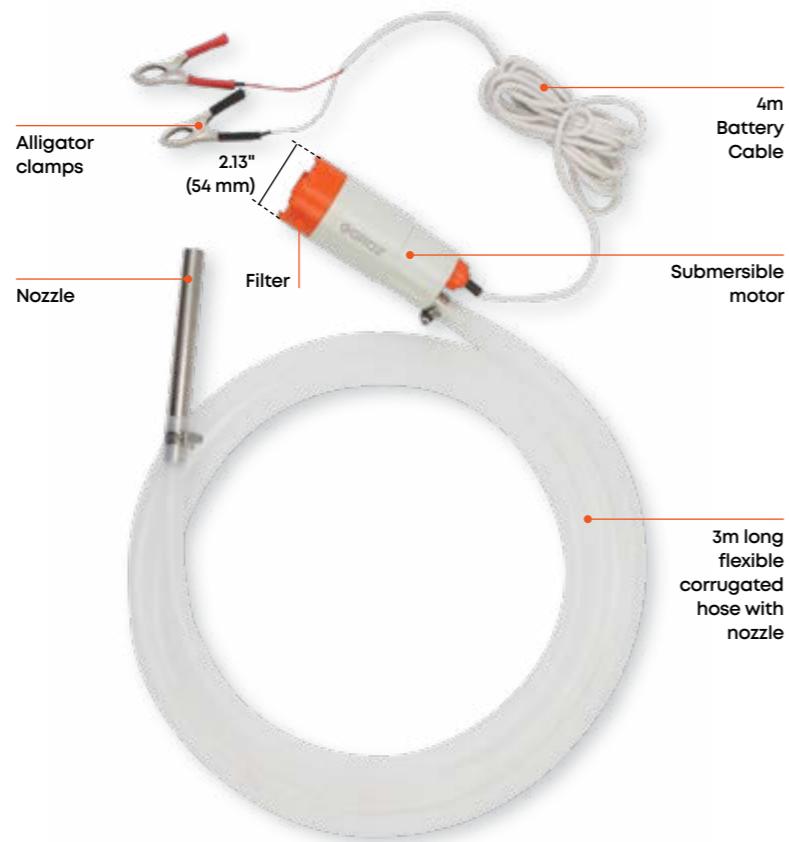
Do not run dry

### FLUIDS



### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
SDP/12-24	44415	10

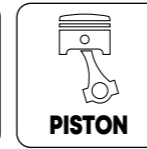
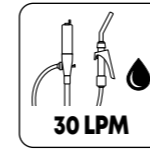


### SPECIFICATIONS

FLOW RATE	UPTO 10 LPM at 1m Height	UPTO 2.78 GPM at 1m Height
MOTOR TYPE	Submersible	
MOTOR RATING	12V-24V DC	
BODY DIA.	54 MM	2.13"
MAX. DISCHARGE HEAD	UPTO 11M	UPTO 36.1'
DISCHARGE HOSE LENGTH	3m	9.8'
GROSS WEIGHT	Approx. 575 GM	Approx. 20.3 OZ.

## 176 DEF / Adblue Pumps Air Operated

PAOP



Air operated transfer pump for dispensing DEF/ Adblue

Choice of materials makes it compatible with many more fluids, compared to other air pumps which primarily pump oil

Built-in 2" bung adaptor allows the pump to be fixed on drums with 2" opening. Pump position can be adjusted using the lock nut incorporated in the pump body

Air supply is provided via a ball valve connected to an air regulator which limits max. air pressure to 100 PSI (7 BAR)

Supplied complete with Suction Tube with check valve for use with 50-205 litres (15-55 gallons) drums

### WETTED COMPONENTS

Polypropylene, Viton, Stainless Steel, Nylon\*, PVC\*  
\*only pump with hose & nozzle

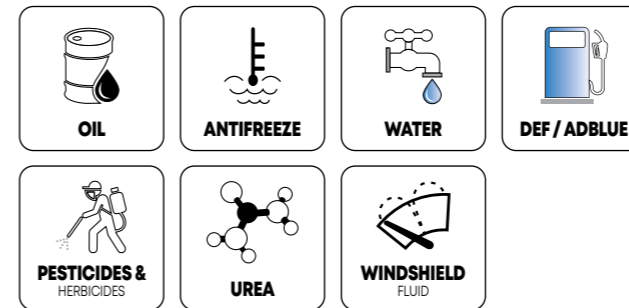
### RECOMMENDED USE

Water-based media, Detergents, Soaps, Antifreeze, Windshield Washer, Hydraulic Oils, Lubricants, Herbicides & Pesticides, Adblue, Urea, DEF etc. Pump should only be used with Non-flammable liquids

### DO NOT USE WITH

Any media not compatible with materials used in the pump construction. Pump must never be used for Fuel Transfer or with Thinners, Solvents etc.

### FLUIDS



### ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
PAOP/1	45315	Pump Only	6
PAOP/1H	45316	Pump with 2m x 3/4" ID PVC Hose, Nylon dispensing nozzle, 2 Hose clamps and safety steel bracket	6



### SPECIFICATIONS

FLOW RATE	UPTO 30 LPM	UPTO 8 GPM
WORKING PRESSURE	30-100 PSI	2-7 BAR
MAX. AIR INLET PRESSURE	100 PSI	7 BAR
MAX. OUTLET PRESSURE	45 PSI	3 BAR
AIR CONSUMPTION	125 LPM	4.40 CFM
MAX. PUMP DISCHARGE	30 LPM at Air Pressure of 100 PSI	8 GPM at Air Pressure of 7 BAR
AIR INLET CONNECTION	1/4" (F)	
PUMP OUTLET	3/4" dia.	19.5 MM dia.
PUMP INLET	1" (F)	
NOISE LEVEL	78 db	
MAX. TEMPERATURE OF MEDIA BEING PUMPED	60°C	140°F
MAX. VISCOSITY OF MEDIA BEING PUMPED	SAE 50 / ISO 220	

**Worlds 1<sup>st</sup> Rechargeable Battery Operated Pump.** Designed for pumping fuels, water based media, light oils, DEF & select chemicals from metal drums & IBC / Totes

Compact & lightweight construction

Convenient ON/OFF switch with LED indicator

Built-in fuse for overload protection

Silenced motor makes almost no noise

Telescopic suction tube extends from 33-1/2" (850 mm) to 49" (1245 mm) for use with 205 litre (55 gallon) drums or 275-330 gallon (1000-1250 litre) IBC / Totes

Stainless steel filter built into the suction tube inlet prevents contaminants from getting in & causing damage

Built-in 2" bung adaptor fits directly on 205 litre (55 gallon) metal drums. Bung adaptor can be adjusted by 0.6" (15 mm) to adjust to drums with varying heights

Includes an additional bung thread converter for converting 2" standard bung threads to 2.5" x 5 mm buttress for using pump with IBC / Totes

Supplied complete with 2m (6.6') hose & manual dispensing nozzle with 3/4" (19 mm) OD Stainless Steel Spout

**Duty Cycle**  
15 minutes ON / 15 Minutes OFF

**WETTED COMPONENTS**  
Viton, POM, Stainless Steel, PE, NBR, PP

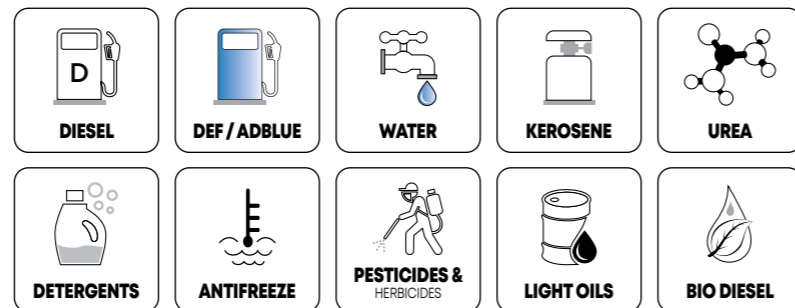
**RECOMMENDED USE**  
Diesel, Kerosene, Bio Diesel, Urea, DEF/Adblue, Water based media, Antifreeze, Detergents, Light oils with viscosity upto 100 cst

**DO NOT USE WITH**  
Gasoline, Corrosive chemicals, Lacquer thinners, any material that is not compatible with the pump construction



**EDR/55T/RB/19N/US**

**FLUIDS**



**SPECIFICATIONS**

MOTOR TYPE	DC Brush Motor (5 Pole)
DC POWER CABLE	4M long with Crocodile Clips
AC POWER ADAPTER	Input: 100 to 240 V AC, 50 / 60 Hz, Output: 12 V DC Constant Voltage, 3A max
RECHARGEABLE BATTERY	19.2V, 1.5 Ah Ni Cd Battery/ 18.5V, 1.3Ah Li-Ion Rechargeable Battery
MAX. VISCOSITY OF MEDIA	100 cst
TEMPERATURE	5°C to 40°C (41°F to 104°F)



**AVAILABLE IN 3 CONFIGURATIONS**



With 12V DC Power Cable



With 100V-240V, 50/60 Hz AC Dual Voltage Power Adaptor



With a choice of 19.2V, 1.5Ah Ni Cd Battery/18.5V, 1.3Ah Li-Ion Rechargeable Battery & 1hr Battery Charger

**ORDERING INFORMATION**

CAT NR.	ORD NR.	DESCRIPTION	FLOW RATE (UPTO)		BOX QTY.
			(LPM)	(GPM)	
* EDR/55T/DC	45503	Electric Drum Pump with DC Power Cable (12V)	18.4	4.86	4
EDR/55T/AC/US	45504	Electric Drum Pump with UL Listed AC Power Adapter, US Socket	18.9	5	4
EDR/55T/AC/EU	45505	Electric Drum Pump with CE AC Power Adapter, European Socket	18.9	5	4
EDR/55T/AC/AU	45506	Electric Drum Pump with AC Power Adapter, AU Socket	18.9	5	4
EDR/55T/AC/UK	45517	Electric Drum Pump with AC Power Adapter, UK Socket	18.9	5	4
* EDR/55T/RB/19N/US	45507	Electric Drum Pump with Battery Adapter, one 19.2V, 1.5 Ah Ni Cd Rechargeable battery & UL Listed Battery Charger, US Socket	28	7.4	4
EDR/55T/RB/19N/EU	45508	Electric Drum Pump with Battery Adapter, one 19.2V, 1.5 Ah Ni Cd Rechargeable battery & CE Battery Charger, EU Socket	28	7.4	4
EDR/55T/RB/19N/AU	45509	Electric Drum Pump with Battery Adapter, one 19.2V, 1.5 Ah Ni Cd Rechargeable battery & Battery Charger, AU Socket	28	7.4	4
EDR/55T/RB/19N/UK	45518	Electric Drum Pump with Battery Adapter, one 19.2V, 1.5 Ah Ni Cd Rechargeable battery & Battery Charger, UK Socket	28	7.4	4
EDR/55T/RB/19L/US	45516	Electric Drum Pump with Battery Adapter, one 18.5V, 1.3 Ah Li-Ion Rechargeable battery & Battery Charger, US Socket	28	7.4	4
EDR/55T/RB/19L/EU	45515	Electric Drum Pump with Battery Adapter, one 18.5V, 1.3 Ah Li-Ion Rechargeable battery & Battery Charger, EU Socket	28	7.4	4
EDR/55T/RB/19L/UK	45519	Electric Drum Pump with Battery Adapter, one 18.5V, 1.3 Ah Li-Ion Rechargeable battery & Battery Charger, UK Socket	28	7.4	4

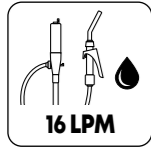
\* Best Seller

## 178

### Electric Drum Pump

EDR-205

**NEW!**



**Compact & light weight dual power pump:** Designed to work both on AC & DC supply.

**Self Priming Design**  
For high suction lift even on dry start-up

**Duty Cycle**  
15 min ON/15 min OFF

Built in fuse for overload protection

Noiseless motor

Telescopic Suction Tube adjustable 22-1/2"-34" (576-865 mm) suitable for 50-205 litre (15-55 gallon) drums

Stainless steel filter built into the suction tube inlet prevents contaminants entry into pump tube.

Built-in 2" bung adaptor fits directly on 205 litre (55 gallon) drums. Bung adaptor can be adjusted by 0.6" (15 mm) to adjust to drums with varying heights.

**Comes complete with:**

- 2m (6.6') reinforced flexible hose with layered construction that makes it weather-proof, flame-proof and resistant to oil
- Manual dispensing nozzle with swivel and easy to press lever
- AC Adaptor with 1m (3.3') power cord to plug into AC outlet and 4m (13') DC power cable

**WETTED COMPONENTS**

NBR, Acetal, PE, Urethane, SS-304, PP, PVC

**RECOMMENDED USE**

Motor Oil, Hydraulic Oil, Lubricants, Diesel, DEF/ AdBlue, Water (not safe for drinking), Kerosene, Antifreeze, Windshield Washer Fluid, Mild detergents, Agricultural Chemicals, Light Oil (Max. 100 cst)

**DO NOT USE WITH**

Gasoline, Corrosive chemicals, Lacquer, Thinners, etc.

**SPECIFICATIONS**

FLOW RATE	UPTO	UPTO
	16 LPM	4.2 GPM



ON/OFF switch with LED indicator

Pump outlet with swivel connection

2m (6.6') flexible hose

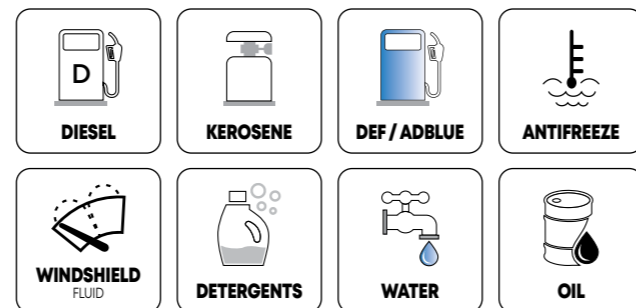
Telescopic Suction Tube 22-1/2"-34" (576-865 mm)

1-1/2" (38 mm)

**ORDERING INFORMATION**

CAT NR.	ORD. NR.	DESCRIPTION	BOX QTY.
EDR/205T/DC/AC-EU	48970	Pump complete with EU plug	4
EDR/205T/DC/AC-US	48971	Pump complete with US plug	4
EDR/205T/DC/AC-UK	48972	Pump complete with UK plug	4
EDR/205T/DC/AC-AU	48973	Pump complete with AU plug	4

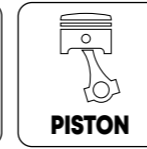
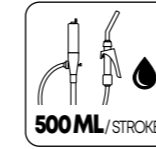
**FLUIDS**



## 179

### Plastic Lever Pumps

PLP-02



Lever action drum pump, designed for use with high viscosity oils, agricultural chemicals etc.

Pump design makes it extremely convenient & comfortable to pump thick oils without excessive fatigue

Choice of materials used in the pump construction, make it versatile for use with water based media, as well as select chemicals

**Built-In 2" Bung Adaptor**

Allows the pump to be fixed on drums with 2" opening

Pump position can be adjusted using the lock nut incorporated in the pump body

Pump outlet is fitted with an air vent cap which when loosened breaks the siphon action

**Complete with**

- Suction tube for use with 50-205 litres (15-55 gallons) drums
- 2m x 3/4" flexible corrugated discharge hose

Also available with Tri-sure adaptor - making the pump suitable for use on plastic drums with buttress threads

**WETTED COMPONENTS**

Polyacetal, Polypropylene, Polyethylene, PVC & Viton

**RECOMMENDED USE**

Water-based media, Detergents, Soaps, Antifreeze, Windshield washer, Hydraulic oils, Lubricants, Herbicides & Pesticides, Adblue, Urea, DEF etc. Pump should only be used with Non-flammable liquids

**DO NOT USE WITH**

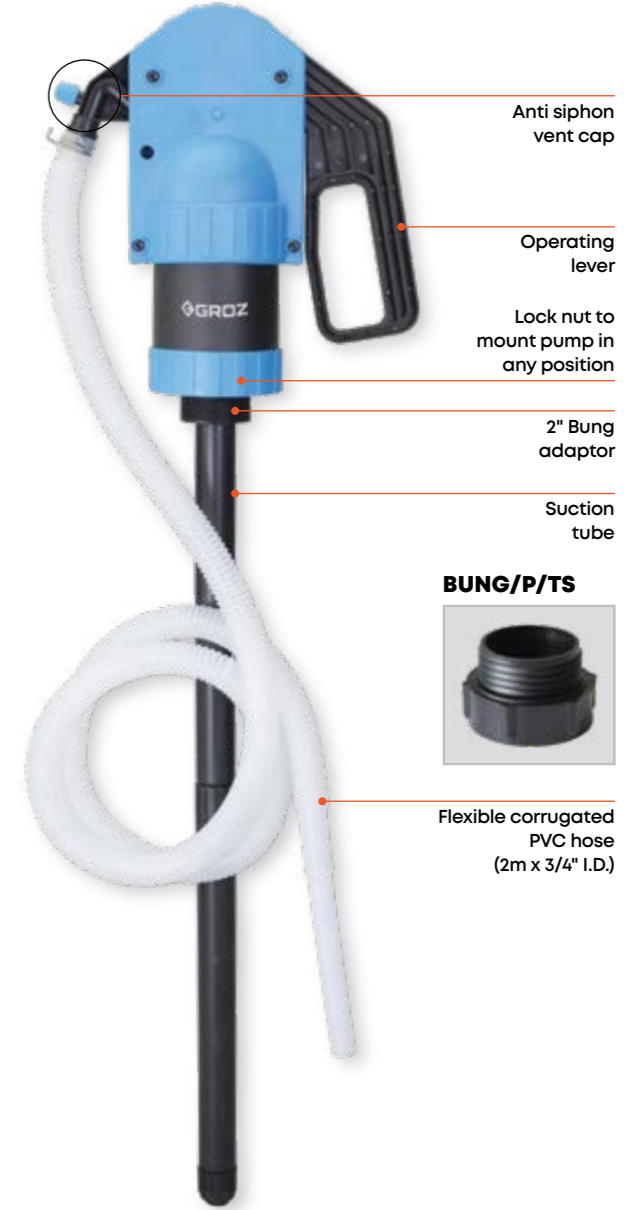
Flammable media & media not compatible with materials used in the pump construction

These pumps must never be used for fuel transfer or with thinners, solvents etc.

**ORDERING INFORMATION**

CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
* PLP/02	44185	Pump with 2" Bung Adapter	10
PLP/02T	44167	Pump with 2" Bung Adapter and Tri sure adapter	10
BUNG/P/TS	44166	Spare Tri sure adapter	10

\* Best Seller



Anti siphon vent cap

Operating lever

Lock nut to mount pump in any position

2" Bung adaptor

Suction tube

**BUNG/P/TS**

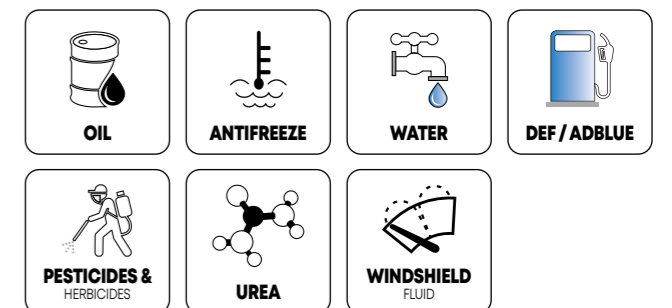


Flexible corrugated PVC hose (2m x 3/4" I.D.)

**SPECIFICATIONS**

FLOW RATE	UPTO	UPTO
	500 ML / STROKE	1 PINT / STROKE
WORKING TEMPERATURE	-5°C TO 45°C	23°F TO 113°F

**FLUIDS**







316 Stainless Steel Hand Operated Pumps for use with combustible & flammable media

Built-in Internal Flame Arrestor prevents flame flashback

Heavy-Duty bonding & grounding wires prevent hazardous static charge. Wires are secured by locknut & have heavy-duty Alligator Clips

Pump body made from 316 Stainless Steel with PTFE Piston & PTFE Sealing Gasket

Available in a choice of Vertical Lift & Lever Action for use with 20-30 litre (5 gallon) pails or 50-205 litres (15-55 gallons) drums

Pail pump comes with 3 screw cap adapters (1-3/4", 2-1/8" & 2-7/8") for use with most common pails. Drum pump comes with 2" Bung Adapter

#### WETTED COMPONENTS

316 Stainless Steel, PTFE

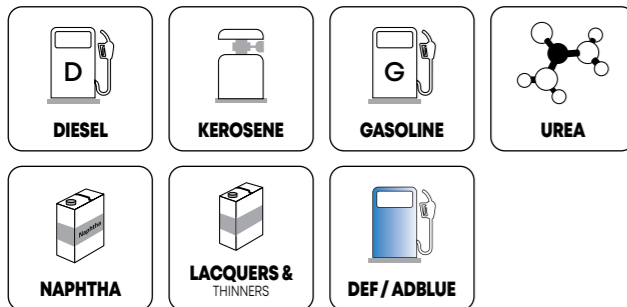
#### RECOMMENDED USE

Gasoline, Diesel, Kerosene, Lacquer, Thinners, Acetone, Benzene, Naphtha, Urea, DEF, Adblue etc. (more comprehensive list on adjoining page)

#### DO NOT USE WITH

Hydrochloric Acid, Sulphuric Acid etc

#### FLUIDS



#### SPECIFICATIONS

FLOW RATE	UPTO 200 ML / STROKE	UPTO 7 OZ. / STROKE
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#### CHEMICAL COMPATIBILITY CHART

CHEMICALS	COMPATIBILITY	CHEMICALS	COMPATIBILITY
Acetaldehyde	Excellent	Jet Fuel (JP3: JP4: JP5)	Excellent
Acetic acid 20%	Excellent	Kerosene	Excellent
Acetone	Excellent	Lacquer/lacquers	Excellent
Alcohol: Amyl	Excellent	Lacquer thinner	Excellent
Alcohol: Benzyl	Good	Lactic Acid	Good
Alcohol: Diacetone	Excellent	Methyl Ethyl Ketone	Excellent
Alcohol: Ethyl	Excellent	Mineral Spirits	Excellent
Alcohol: Hexyl	Excellent	Naphtha	Good
Alcohol: Isobutyl	Excellent	Nitric Acid, to 20%	Excellent
Alcohol: Methyl	Excellent	Oxalic Acid, (Cold)	Excellent
Ammonia, anhydrous	Good	Phenol	Good
Ammonia, liquid	Good	Phosphoric Acid, to 40% solution	Fair
Ammonia: 10%	Excellent	Photographic (developer)	Excellent
Ammonium Hydroxide	Excellent	Potassium Chloride	Excellent
Amyl Acetate	Excellent	Potassium Hydroxide	Excellent
Anti-freeze	Fair	Potassium Sulfate	Excellent
Benzene	Good	Propylene Glycol	Good
Benzoic Acid	Good	Silicone	Excellent
Bleach	Fair	Sodium Bicarbonate (Baking Soda)	Excellent
Boric Acid	Excellent	Sodium Carbonate (Soda Ash)	Excellent
Calcium Chloride (30% in water)	Good	Sodium Chloride	Good
Calcium Hypochlorite	Good	Sodium Hydroxide 50% (Caustic Soda)	Good
Citric Acid	Excellent	Sodium Nitrate	Good
Detergents	Excellent	Sodium Sulfate	Good
Diesel Fuel	Excellent	Stoddard Solvent	Excellent
Ethyl Acetate	Good	Sulfuric Acid, 75%	Bad
Ethylene Glycol	Good	Toluene, Toluol	Excellent
Formic Acid	Excellent	Trichlorethylene	Good
Fuel Oils	Good	Thinners	Excellent
Gasoline	Excellent	Turpentine	Excellent
Glycerin	Excellent	Urea/DEF/Adblue	Good
Hydrochloric Acid, to 37%	Bad	Water	Excellent
Hydrogen Peroxide, to 30%	Good	Xylene	Good

#### DISCLAIMER

The information in this chart is to be used ONLY as a guide in selecting equipment for appropriate chemical compatibility. Before permanent installation, test the equipment with the chemicals and under the specific conditions of your application. We do not warrant (neither express nor implied) that the information in this chart is accurate or complete or that any material is suitable for any purpose.

Variations in chemical behaviour during handling due to factors such as temperature pressure, and concentrations can cause equipment to fail. The compatibility shown in the chart is based on 22°C (72°F)

#### ORDERING INFORMATION

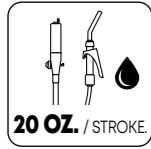
CAT NR.	ORD NR.	SUITABLE FOR	BOX QTY.
VLP/SS/5/F	44131	20-30 litre (5 gal.) pails	10
* VLP/SS/55/F	44132	50-205 litre (15-55 gal.) drums	10

\* Best Seller

## 181

### Vertical Lift Pump 316 Stainless Steel

VLP-SS



Self priming vertical lift pump with exceptional chemical resistance

Pump body made of 316 stainless steel

PTFE piston makes it suitable for use with wide variety of media

Pump includes a 2" bung adaptor with dual threads for use with metal and plastic drums

In-built lock nut for attaching grounding wires

Flow control tube can be inserted into lift handle to restrict the flow rate

#### WETTED COMPONENTS

316 Stainless steel, PTFE

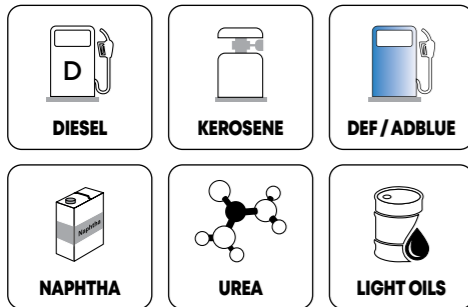
#### RECOMMENDED USE

Photographic chemicals / Solvents, Diesel, Kerosene, Thinners, Acetone, Benzene, Naphtha, Urea, DEF, Adblue, Light oil (upto SAE 40) etc.

#### DO NOT USE WITH

Heavy oils

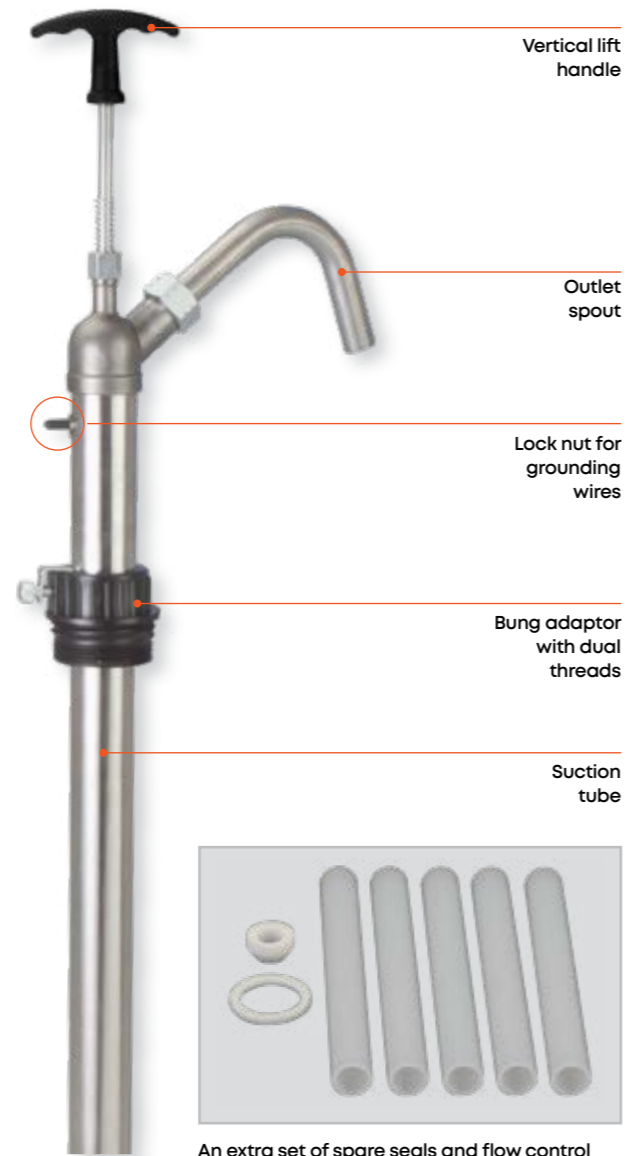
#### FLUIDS



#### ORDERING INFORMATION

CAT NR.	ORD NR.	FOR USE WITH DRUMS		FLOW RATE UPTO	BOX QTY.
		(LITRE)	(GALLON)		
* VLP/SS/01	44137	205	55	600 ml (20 oz.)	12
VLP/SS/02	44138	20	5	300 ml (10 oz.)	10

\* Best Seller



An extra set of spare seals and flow control tubes included with each pump

#### SPECIFICATIONS

FLOW RATE	600 ML / STROKE (20 OZ. / STROKE)
MAX. VISCOSITY	SAE 40
MAX. TEMPERATURE	60° C (140°F)

## 182

### Rotary Drum Pump Stainless Steel

GNB-SS



Superior quality stainless steel hand operated rotary drum pump

Choice of construction materials: Stainless steel body with stainless steel bung & suction tube

Rotor with PTFE vanes & seals makes it resistant to corrosion & useful for transferring a wide variety of fluids such as water based media, chemicals, all petroleum products etc.

Superior machining of vanes ensures better draw & smooth delivery

Fits 50 to 205 litres (15 to 55 gallon drums)

Comes complete with

- Pump Body
- 2" Bung Adaptor
- Handle
- Discharge Spout
- 3 pc Suction tube

#### WETTED COMPONENTS

Stainless Steel 304, PTFE

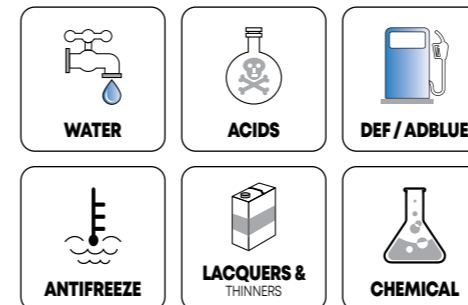
#### RECOMMENDED USE

Water based media, antifreeze, acids, chemicals, all petroleum based products, lacquer, thinner, urea, adblue, DEF

#### DO NOT USE WITH

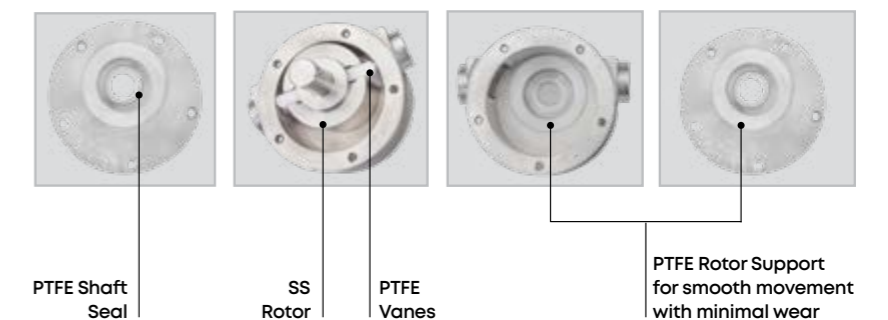
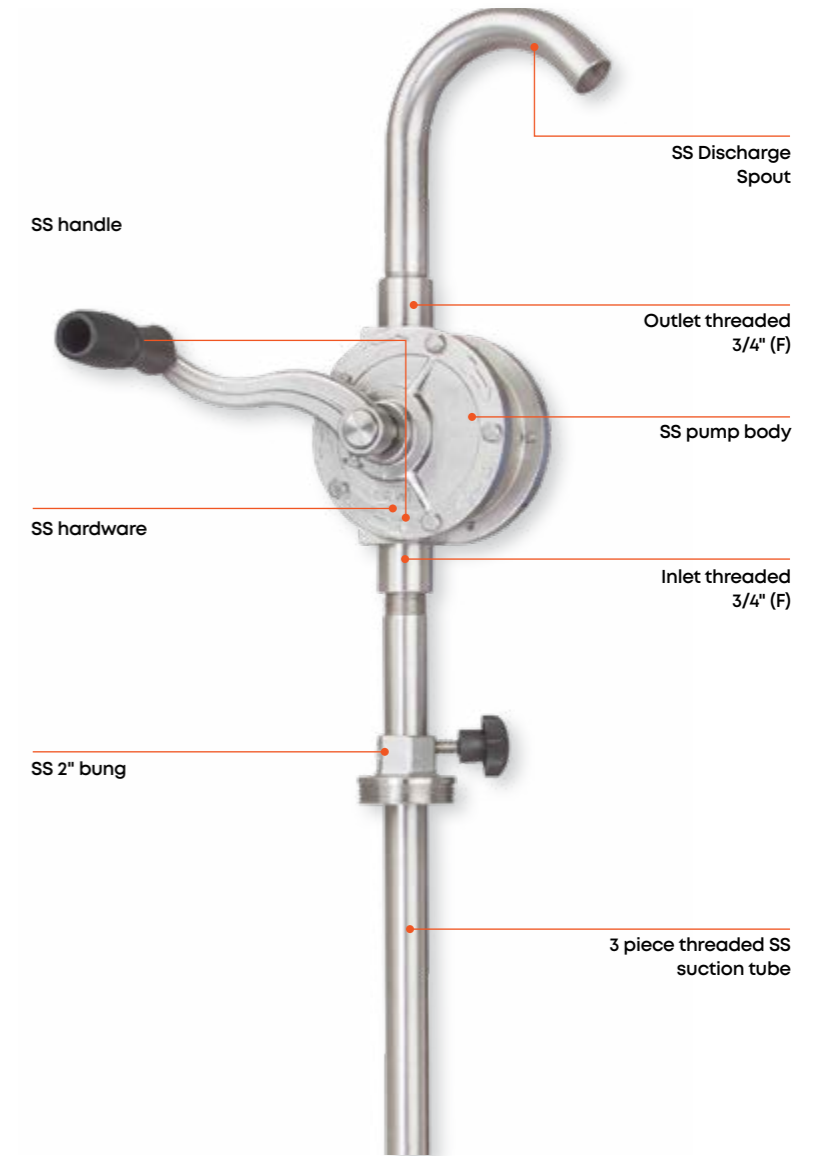
Hydrochloric acid, Sulphuric acid etc.

#### FLUIDS



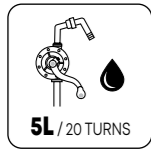
#### ORDERING INFORMATION

CAT NR.	ORD NR.	PUMP INLET/OUTLET	BOX QTY.
GNB/SS/25/3R/SPL	44015	3/4" (F)	4



#### SPECIFICATIONS

FLOW RATE	UPTO 4 LITRE / 20 TURNS	UPTO 1 GALLON / TURNS
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A range of special application pumps designed for use with media that cannot be pumped using a regular cast-iron or steel pump

Choice of 4 configurations built using different materials for handling mild to very aggressive media

Pump body & Handle are constructed using Glass Filled Polypropylene

Vanes made out of Ryton

Dual directional operation: Pumps in either direction by a few reverse turns of the handle

\*for PRP/02 & PRP/10 only

Complete with 3 pc threaded suction tube for use on 50-205 litres (15-55 gallons) drums



### SPECIFICATIONS

FLOW RATE	UPTO 5 LITRES / 20 TURNS	UPTO 1.3 GALLON / 20 TURNS
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Below tabulation details construction & application details of the 4 pump types:

	ERP/01	PRP/01	PRP/02	PRP/10
DESCRIPTION	Standard	Professional	DEF / Adblue	Heavy Duty
BODY COLOUR	Black	Yellow	White	Blue
ROTOR MATERIAL	PPCP	Ryton	Polypropylene	Ryton
HANDLE MATERIAL	PPCP	40% Glass Filled PP	40% Glass Filled PP	Aluminum Die Cast
SHAFT SEAL	Viton	Viton	Viton	PTFE
FASTENERS	Steel	Stainless Steel	Stainless Steel	Stainless Steel
INLET THREADS	Custom	Custom	Custom	3/4" BSP (F)
OUTLET THREADS	Custom	Custom	Custom	3/4" BSP (F)
DISCHARGE TUBE MATERIAL	PPCP	PPCP	PPCP	Stainless Steel SS 304
SUCTION TUBE	PPCP	PPCP	PPCP	Stainless Steel SS 304
STRAINER AT SUCTION TUBE INLET	Yes	Yes	Yes	No
NON RETURN VALVE AT SUCTION TUBE INLET	Yes	Yes	No	No
BUNG ADAPTOR MATERIAL	PPCP	PPCP	PPCP	Cast Iron
BUNG ADAPTOR SPEC.	2" for Metal Drums	2" for Metal Drums & 2nd adaptor for Plastic Drums	2" for Metal Drums & 2nd adaptor for Plastic Drums	2" for Metal Drums
WETTED COMPONENTS	Polypropylene, Ryton, Viton	Polypropylene, Ryton, Viton	Polypropylene, Ryton, Viton	Polypropylene, Ryton PTFE, Stainless Steel
TYPICAL USE	Infrequent / Light Use	Heavy Use	Medium Use	Tough Use

### VARIANTS

ERP/01	PRP/01	PRP/02	PRP/10
<p><b>RECOMMENDED USE</b> Light Oils, Antifreeze</p> <p><b>DO NOT USE WITH</b> Acids, Chemicals, Solvents etc.</p>	<p><b>RECOMMENDED USE</b> Acids, Chemicals, Water based media, antifreeze, detergents, Urea, Adblue, DEF, Benzene, Glycerine etc.</p> <p><b>DO NOT USE WITH</b> Acetone, Lacquer, Mineral Oils, Solvents, Turpentine etc.</p>	<p><b>RECOMMENDED USE</b> DEF, Adblue, Urea</p> <p><b>DO NOT USE WITH</b> Acetone, Lacquer, Mineral Oils, Solvents, Turpentine etc.</p>	<p><b>RECOMMENDED USE</b></p> <ul style="list-style-type: none"> <li>• Esters- Ethyl Acetate</li> <li>• Alcohols- Benzyl Alcohol, Butyl Alcohol, Methyl Alcohol</li> <li>• Acetone, MEK</li> <li>• Bases- Ammonium Hydroxide, Potassium Hydroxide, Sodium Hydroxide, Baking Soa, detergents etc.</li> <li>• Hydrocarbons- Ethylene Glycol, NAPHTHA, Fuel Oils, Phenol</li> <li>• Water Based Media</li> <li>• Urea, Adblue, DEF</li> </ul> <p><b>DO NOT USE WITH</b> With Benzoic Acid, Gasoline, lacquer Thinners, Bleach, Benzene, Toluene, Xylene, Turpentine, Jet Fuel etc.</p>

### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
ERP/01	44196	6
* PRP/01	44191	6
PRP/02	44145	6
PRP/10	44144	6

\* Best Seller

**NEW!**



Lever Action Drum Pump suitable for use with fluids of varying viscosities

**Construction:**  
Polypropylene body, handle and outlet spout

Stainless Steel piston rod and Viton seal

Strainer built into suction tube inlet to keep contaminants away

**Complete with**

- Two piece telescopic suction tube for use with 50-205 litres (15-55 gallons) drums
- Outlet spout

**WETTED COMPONENTS**  
Polypropylene, Viton, Stainless steel

**RECOMMENDED USE**  
Petroleum-based non-corrosive liquids  
Fuels: Diesel, Kerosene  
Light oils, Low viscosity lubricants, Acetone, Anti-freeze, Ammonium Hydroxide, Glycerine, Alcohols,  
Water, Water based chemicals. Weaker acids, Mild solvents and Alkaline solutions.

**DO NOT USE WITH**  
Lubricant or liquids above 100 cst or any media not compatible with materials used in the pump construction

**VARIABLE HANDLE SETTING**

FLOW SETTING	LOW FLOW <b>1</b>	MEDIUM FLOW <b>2</b>	HIGH FLOW <b>3</b>
FLOW RATE*	UPTO 270 ML (9 OZ.) / STROKE	UPTO 350 ML (12 OZ.) / STROKE	UPTO 430 ML (15 OZ.) / STROKE
TYPE OF FLUIDS	Lubricants or liquids under 35 cst	Anti-freeze, Alcohols, Water, Water based chemicals, low viscosity lubricants	Diesel, Kerosene, Petroleum-based non-corrosive liquids upto 100 cst

\* Measured at pump outlet. Tested using water

**ORDERING INFORMATION**

CAT NR.	ORD NR.	BOX QTY.
PLP/20	44113	10

**SPECIFICATIONS**

WORKING TEMPERATURE	-5°C TO 45°C	23°F TO 113°F
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Self priming vertical lift pump

Designed primarily for use with lacquer thinners, Urea, AdBlue, DEF etc.

Nylon construction with stainless steel plunger rod & PTFE seals

Complete with 2" polypropylene bung adaptor

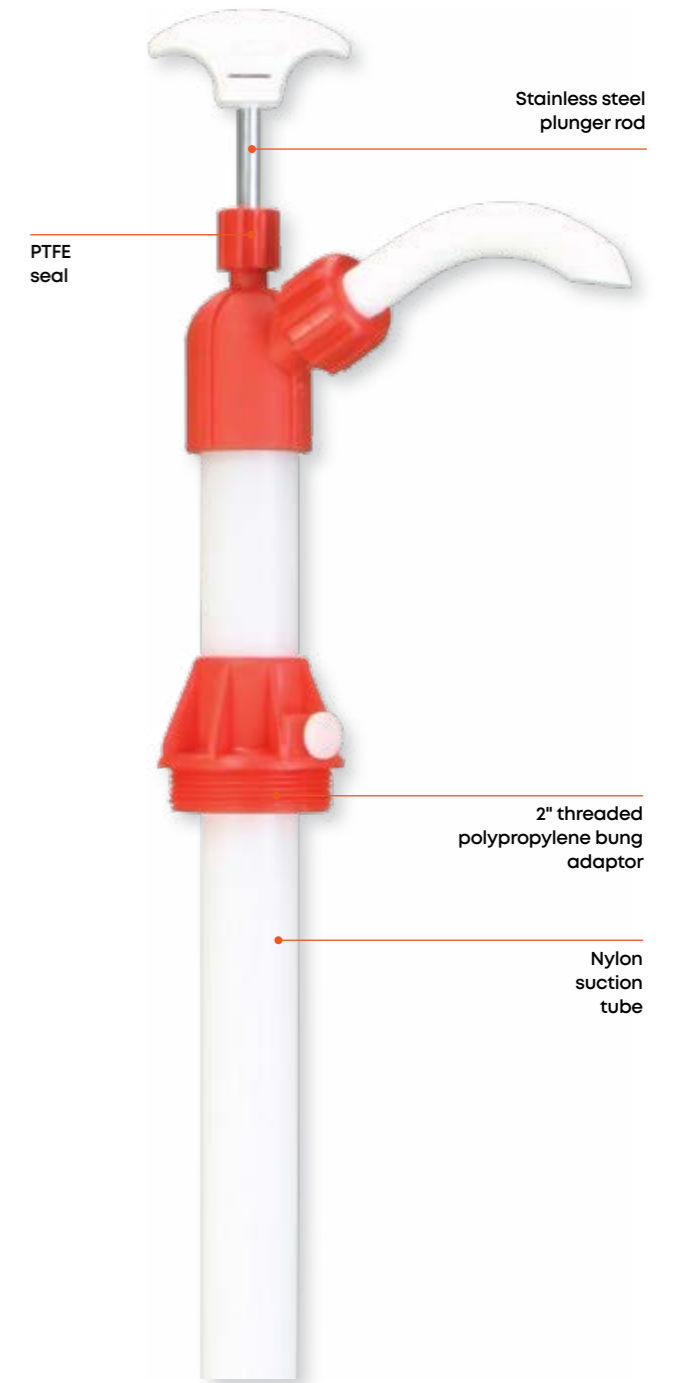
**Available in a choice of**

- Full length pump for use on 205 litre (55 gallon) drums
- Shorter pump for use on 25 litre drums (popular in UK)

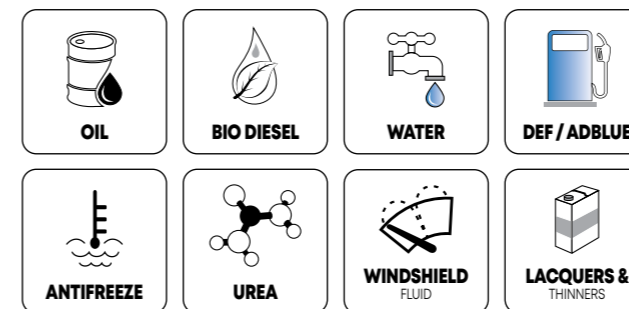
**WETTED COMPONENTS**  
Nylon, Stainless Steel & PTFE

**RECOMMENDED USE**  
Lacquer thinners, Acetone, Antifreeze, Brake Kleen, Detergents, Glycerine, Water, Weed Killer, Mild acids, AdBlue, Urea, DEF, Petroleum based media etc.

**DO NOT USE WITH**  
Strong acids, Bleach, Gasoline etc.



**FLUIDS**



**ORDERING INFORMATION**

CAT NR.	ORD NR.	FOR USE ON	FLOW RATE UPTO	BOX QTY.
* CMP/12	44193	205 litre (55 gal.) drums	400 ml (14 oz) /stroke	25
CMP/12S	44186	25 litre drums	190 ml (6.3 oz) /stroke	40

\* Best Seller

# 186

## Chemical Pump Polypropylene

CMP-10



Self priming Vertical Lift Pump designed for use with antifreeze, detergents etc.

Polypropylene construction with steel plunger rod & viton seals

Complete with 2" polypropylene bung adaptor for use on 205 litre (55 gallon) drums

### WETTED COMPONENTS

Polypropylene, Steel & Viton

### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
CMP/10	44192	25

### RECOMMENDED USE

Antifreeze, detergents, windshield fluids, glycerine, mild acids, most petroleum based media etc.

### DO NOT USE WITH

With strong acids, lacquers, acetone, gasoline etc.

### SPECIFICATIONS

FLOW RATE	UPTO 400 ML / STROKE	UPTO 14 OZ. / STROKE
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### FLUIDS



# 187

## Tire Sealant Pump

TSP-03



Hand operated Tire Sealant Pump for pumping Tire Sealant from 5 to 6-1/2 gallon pails directly into tubeless tyres

Powder coated pump body with aluminum die cast adjusting flange & pump handle

Includes adjusting collar to pre-set amount dispensed per stroke

Powder coated 12" (310 mm) steel drum cover

### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
TSP/03	44199	10

Complete with 5' (1500 mm) braided PVC hose fitted with quick connect coupler and return valve

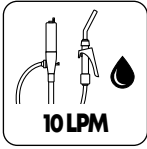
### WETTED COMPONENT

Steel, Aluminum, NBR, PVC

### SPECIFICATIONS

FLOW RATE	UPTO 230 ML / STROKE	UPTO 8 OZ. / STROKE
-----------	-------------------------	------------------------





High flow battery operated pump for quick & convenient transfer of adblue, diesel, kerosene, light oils & water based media

Ideal for transferring small quantities of media into boats, garages & small shops

Self priming pump with 3V DC motor

Pump is operated by sliding the actuation button located on top

Suitable for use on 20 litres/ 5 gallon pails

Works on 2 "D" size (LR20) Alkaline Batteries (not included with the pump). Approx working life with one set of batteries is 1000 litres (265 gallons)

Complete with 23-1/2" (600 mm) long flexible corrugated discharge hose

Hang Hole provided at top allows pump to be conveniently stored when not in use

Hose holder for convenient storage of hose after use to avoid spillage

### WETTED COMPONENTS

Polypropylene, Polyethylene, Acetal, NBR, PVC & PET

### RECOMMENDED USE

Diesel, Kerosene, Light Oils, Water, DEF (Adblue), Antifreeze, Windshield washer water, Mild Detergent, Agriculture chemical

### DO NOT USE WITH

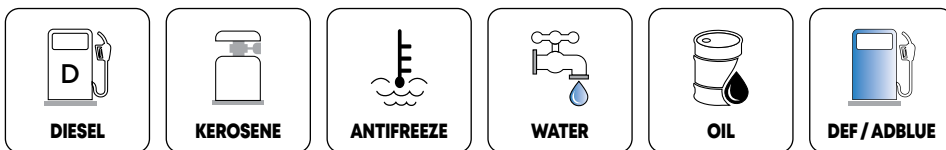
Any media not compatible with materials used in the pump construction



### SPECIFICATIONS

FLOW RATE	UPTO 10 LPM	UPTO 2.6 GPM
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### FLUIDS



### ORDERING INFORMATION

CAT NR.	ORD NR.	TOTAL LENGTH		SUCTION TUBE LENGTH		BOX QTY.
		(INCH)	(MM)	(INCH)	(MM)	
BOP/5A	44414	23	585	15.15	385	40

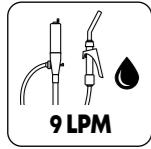
### WARNING

Pump must never be used with hot media at temperatures above 60°C (140°F)

189

**Battery Fuel Transfer Pump  
Auto Shut-Off**

BOP-10



Battery operated fuel transfer pump. Works on 4AA batteries

Designed for convenient & quick transfer of gasoline, diesel, light oil, water & water based media on sites with limited access to electric power, such as construction site, cement plants, mining sites etc.

Hands-free operation: Integrated clamp in the nozzle can be hooked on to the container being refilled leaving hands free

In-built auto shut off sensor in the nozzle prevents overflow & wastage of fuel.

Complete with suction tube, discharge hose & 3 bung adaptors to suit almost all fuel cans

**WARNING**

DO NOT RUN DRY

**WETTED COMPONENTS**

Polypropylene, Polyethylene, Polyacetal

**RECOMMENDED USE**

Gasoline, Kerosene, Diesel, Water, Light viscosity oils, Dirty water (Not safe for drinking)

**DO NOT USE WITH**

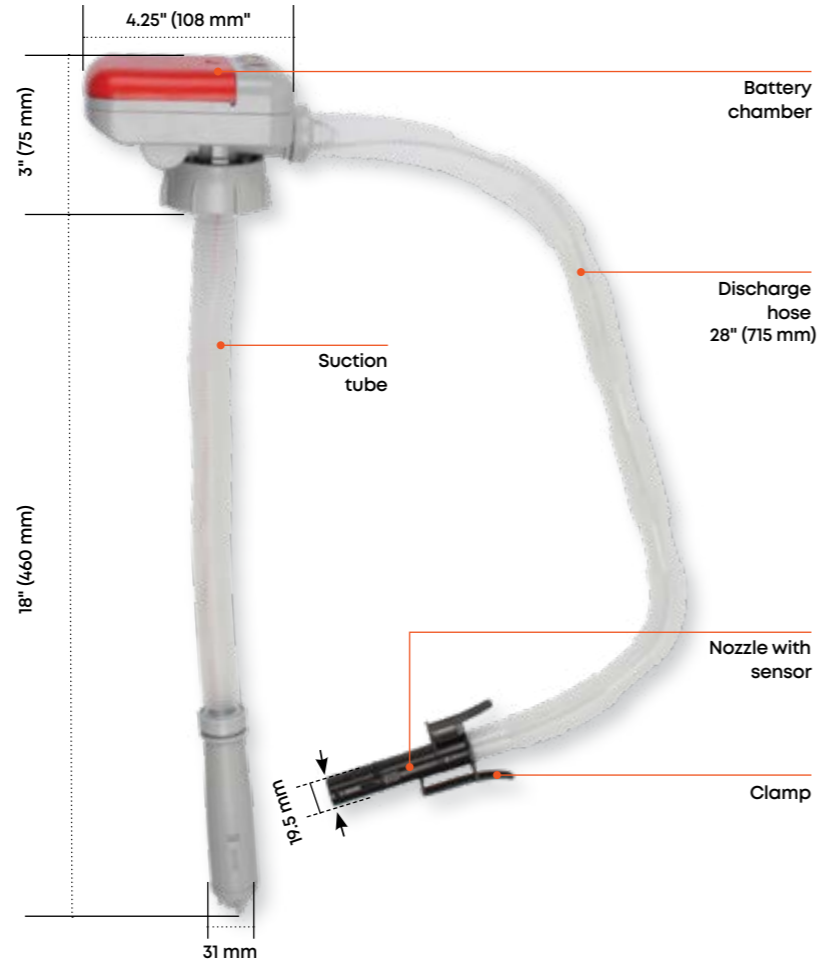
Lacquer thinners, Acetone and other liquids that are not compatible with wetted components of the pump

**SPECIFICATIONS**

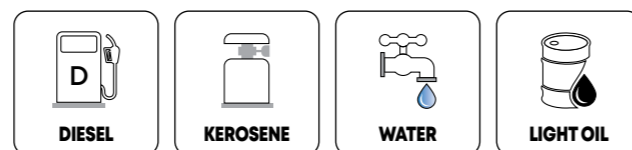
MOTOR RATING	12V DC	
FLOW RATE	UPTO 9 LPM	UPTO 2.4 GPM
NET WEIGHT	304 GM	10.7 OZ
WORKING TEMPERATURE	-5°C TO 45°C	23°F TO 113°F

**ORDERING INFORMATION**

CAT NR.	ORD NR.	BOX QTY.
BOP/10	44411	20



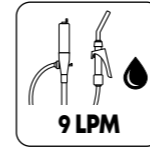
**FLUIDS**



190

**Dry Cell  
DEF / Adblue Pump**

BOP-50



Battery operated pump for quick & convenient transfer of Gasoline, Diesel, DEF/Adblue, Water & water based media

Self priming pump with 3V DC motor

- Convenient to operate trigger for
- Full control on fluid outflow
  - No spillage even when the electric switch is On

Works on 2 'D' size (LR20) alkaline batteries, not included with the pump

Approximate working life with one set of batteries - 1000 litres (264 gallons)

Duty cycle: 10 min ON/ 10 min OFF

**WETTED COMPONENTS**

Polypropylene, Polyethylene & Acetal

**RECOMMENDED USE**

Gasoline, Diesel, Kerosene, DEF/Adblue, Antifreeze, Windshield Fluid, mild detergents, agricultural chemicals, Herbicides Pesticides & Water

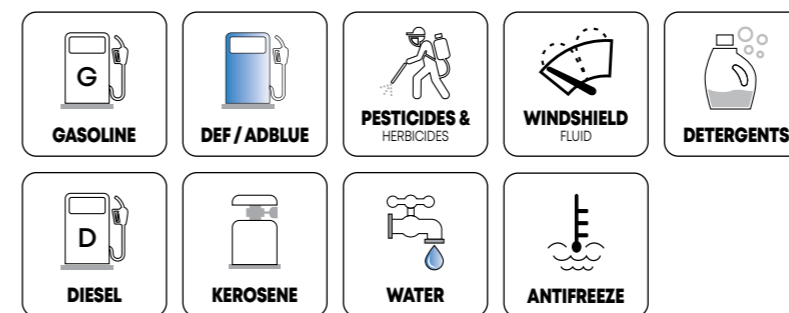
**DO NOT USE WITH**

With Acids, Acetone, Benzene etc

**SPECIFICATIONS**

FLOW RATE	UPTO 9 LPM	UPTO 2.4 GPM
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**FLUIDS**



**ORDERING INFORMATION**

CAT NR.	ORD NR.	TOTAL LENGTH		SUCTION TUBE LENGTH		BOX QTY.
		(INCH)	(MM)	(INCH)	(MM)	
BOP/50	44412	26-1/2	674	18-3/8	467	40



Hook for safe keeping of nozzle when not in use



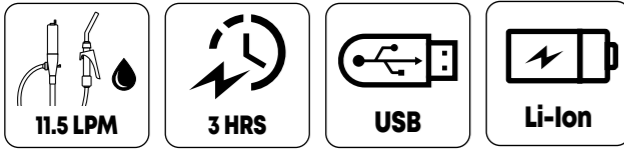
**WARNING**

Pump must never be used with hot media at temperatures above 60°C (140°F)

## 191

### Rechargeable DEF / Adblue Pump

BOP-60



Rechargeable Battery Operated Pump for quick and convenient transfer of wide variety of fluids

Lightweight yet sturdy pump with convenient to operate large ON/OFF switch

**Pump complete with**

- Control Nozzle** with lever for:
  - Full control on fluid outflow
  - No spillage even when the electric switch is ON
- Telescopic Suction Tube** adjustable 15"-20-1/2" (380-520 mm) suitable for use on 20 to 50 litre (5 to 15 gallon) drums
- 1.5m (4.9 ft) Flexible Hose** with swivel at end to prevent kinking of hose

**Convenient & Safe Storage** Hang pump onto the supply tank via the U-shaped hook after use

**Power Source**

2900mAh Rechargeable Lithium ion battery. Rechargeable via USB 2.0 type B connector (USB cable included)

**Battery Capacity**

Fully charged battery can discharge upto 300 litres (79 gallons)\*  
\*tested using water

**WETTED COMPONENTS**

Polypropylene, Polyethylene, PVC & Acetal

**RECOMMENDED USE**

Diesel, Kerosene, Light oils AdBlue, DEF, Water, Antifreeze, Windshield fluid, Mild detergents, Agricultural chemicals etc

**DO NOT USE WITH**

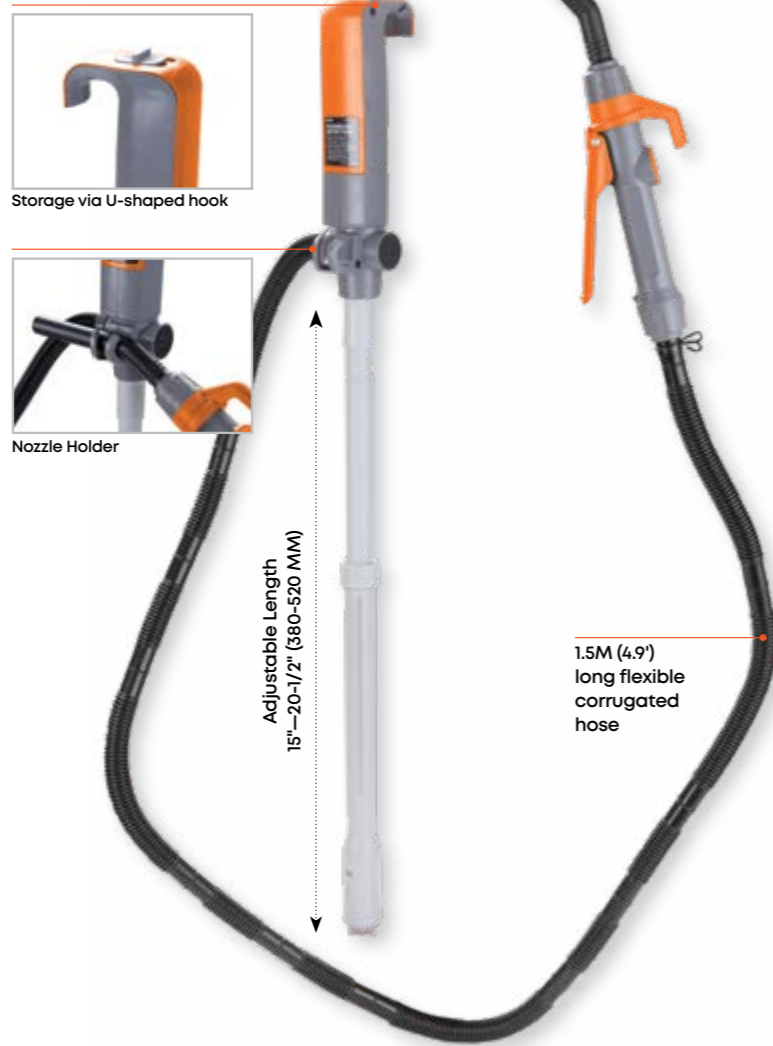
Acids, Acetone, Benzene etc

**SPECIFICATIONS**

FLOW RATE	UPTO 11.5 LPM	UPTO 3 GPM
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**ORDERING INFORMATION**

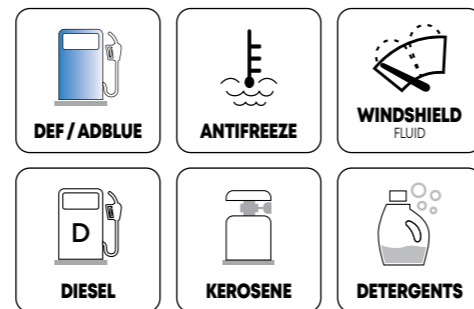
CAT NR.	ORD NR.	SUCTION TUBE LENGTH		BOX QTY.
		(INCH)	(MM)	
BOP/60	44413	15-20-1/2	380-520	10



**NEW!**



**FLUIDS**



**WARNING**

Pump must never be used with hot media at temperatures above 60°C (140°F)



SCAN TO WATCH

## 192

### Siphon Pumps

SPH

Easy to use, polyethylene pumps siphon liquids to lower levels than the height at which the pump is installed

These are easy to prime & start within 6-7 strokes

Pump requires no further operation & keeps working in auto position.

All pumps are equipped with a vent cap on top. Opening the cap stops discharge

To dispense media at levels higher than the pump, pump below needs to be continuously operated

Supplied complete with flexible corrugated discharge tube

**RECOMMENDED USE**

Water-based fluids, detergents, waxes, soaps, antifreeze, some mild acids, and other liquids compatible with pump construction materials

Pump should only be used with light weight & non-flammable liquids

**DO NOT USE WITH**

Any media not compatible with materials used in the pump construction



**VARIANTS**

	SPH/1	SPH/2	SPH/3
	15-1/4" (387 mm)	33" (839 mm)	32-1/2" (824 mm)
<b>WETTED COMPONENTS</b>	Polyethylene	Polyethylene & Polypropylene	Polyethylene & Polypropylene

**FLUIDS**



**WARNING**

- Pumps must never be used with hot media at temperatures above 60°C (140°F)
- These pumps must never be used with concentrated acids, Acetone, Benzene etc.

**ORDERING INFORMATION**

CAT NR.	ORD NR.	FLOW RATE		BUNG	FITS	DISCHARGE HOSE LENGTH		BOX QTY.
		(LPM)	(GPM)			(INCH)	(MM)	
★ SPH/1	44400	6.5	2	1-1/2" for use with pails	5-20 litre / 5 gal. pails	21.69	551	120
★ SPH/2	44401	17.5	5	2" for use with drums	205 litre / 55 gal. drums	46.45	1180	25
★ SPH/3	44402	21	7	2" for use with drums	205 litre / 55 gal. drums	47.70	1212	25

★ Best Seller



## 193 Brass Transfer Pumps

BLG

Portable hand pumps for clean, quick, hassle free transferring or evacuating of a wide variety of media including Engine Oil, Coolants, Transmission Fluid, Power Steering Fluid, Oils, Diesel, Water, Antifreeze etc.

Non corroding premium brass construction & hand removable NBR caps

Small & lightweight, these fit easily in a tool box or the trunk of a car

Self priming

Fully serviceable with no threaded parts

For use on cars, boats, motorcycles, ATV's, lawn & garden equipment etc.



### VARIANTS

BLG/1	BLG/2
<p>1-1/4" (32 MM)</p> <p>suction hose for dipstick hole</p>	<p>1-1/4" (32 mm)</p>

**Complete with**  
 a. 24" (600 mm) of 1/2" (12 MM) dia. discharge hose  
 b. 40" (1000 mm) of 1/4" (6 MM) dia. of suction hose

**Used for**

- Draining out oil from crank case or ATF through dipstick hole; from under the hood & not under the car
- Cleaning sludge accumulation from oil filter case
- Removing water from radiator to add antifreeze or to service thermostat or pump
- Draining stopped sinks
- Transferring fluids from one container to another, without lifting
- Pumping water out of small boats

**Complete with**  
 a. 60" (1500 mm) of 1/2" (12 mm) dia. discharge hose

**Ideal for use as**

- A Transfer / Bilge pump with Oils, Diesel, Water, Antifreeze etc.

### ORDERING INFORMATION

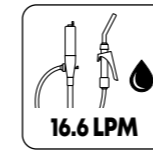
CAT NR.	ORD NR.	OVERALL LENGTH		BOX QTY.
		(INCH)	(MM)	
BLG/1	44520	10-1/2	265	20
BLG/2	44521	17	430	15

### SPECIFICATIONS

FLOW RATE	UPTO 100 ML / STROKE	UPTO 3.30 OZ. / STROKE
WORKING TEMPERATURE	MAX. 60° C	MAX. 140° F

## 194 Diaphragm / Bilge Pumps

DPP-20



### Pump

- Hand Operated Diaphragm pump
- Designed to work in any position- vertical, horizontal, at an angle or even upside down

Pump can be mounted anywhere: on a wall, wooden base, on a drum etc.

Designed to operate as a Bilge pump to evacuate standing bilge water

Pump handle can be fitted in line or at 90° to the inlet & outlet ports, which makes installation very easy

Constructed from minimal parts, the pump is virtually maintenance free

The choice of materials used in the pump construction allows high chemical compatibility making it useful for a

variety of applications in industrial, agricultural, automotive & marine

### WETTED COMPONENTS

Polyacetal, Thermoplastic Polyurethane, Stainless Steel & PVC

### RECOMMENDED USE

Water, Sea Water, Diesel, Bio Diesel, Kerosene, Gasoline, Mineral Oils, Heating Oils, Synthetic Oils, Engine Oils, Antifreeze, emulsions & liquids with small bodies in suspension

### DO NOT USE WITH

Urea, food grade media or any media not compatible with the pump components



### VARIANTS

DPP/20	DPP/20A	DPP/20B
<p><b>Pump supplied complete with</b></p> <ul style="list-style-type: none"> <li>a. Suction &amp; discharge hose (1" I.D. x 2m)</li> <li>b. Delivery nozzle</li> <li>c. Hose clamps</li> <li>d. Drum attachment kit for converting pump for mounting on drums with a 2" opening, complete with suction drum hose (3/4" I.D. x 1.25 m)</li> <li>e. Connecting links &amp; strainer</li> </ul>	<p>Pump with</p> <ul style="list-style-type: none"> <li>a. Suction &amp; discharge hose (1" I.D. x 2 m long)</li> <li>b. Delivery nozzle</li> <li>c. Hose clamps</li> </ul>	<p>Pump only with</p> <ul style="list-style-type: none"> <li>a. inlet &amp; outlet hose - 1" (25 mm)</li> <li>b. Barb ports</li> </ul>

### ORDERING INFORMATION

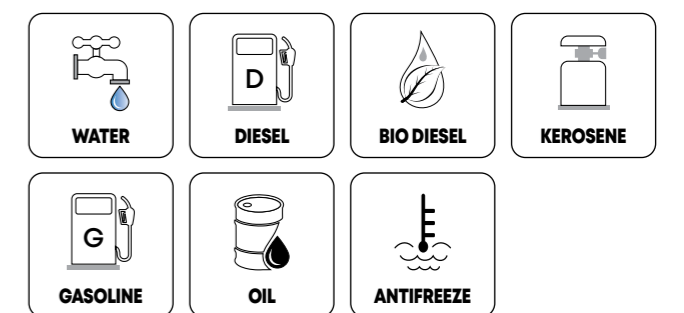
CAT NR.	ORD NR.	BOX QTY.
* DPP/20	44500	4
* DPP/20A	44501	4
* DPP/20B	44502	4

### SPECIFICATIONS

FLOW RATE	UPTO 16.6 LPM	UPTO 4.40 GPM
WORKING TEMPERATURE	-10°C to +40°C	14°F to 104°F

\* Best Seller

### FLUIDS



## 195 Mechanical Fuel Meters

FM-100



World class Mechanical Fuel Meter, extremely compact, yet easy to read

Nutating Disc Mechanism offers high tolerance to fuel contamination

Robust aluminum die cast construction

### 3 Port Design

The meter can be used:

- In-Line
- At 90 Degrees  
Inlet & outlet ports at right angle

Register cap can be easily removed & rotated to every 90° orientation for convenient read out

Easy user re-calibration

For use with electric fuel pumps or gravity flow (with a minimum gravity head of 4')

Available in litre/gallon version in a choice of 3/4" or 1" threads

### WETTED COMPONENTS

Aluminum, Poly Butylene Terephthalate (PBT), Viton, Stainless Steel

### RECOMMENDED USE

Diesel, Gasoline, Low to Medium Viscosity Oils

### DO NOT USE WITH

Water based media



### SPECIFICATIONS

FLOW RATE	15-75 LPM	4-20 GPM
ACCURACY*	± 2%	
REPEATABILITY*	± 1%	
MAX. WORKING PRESSURE	50 PSI	3.5 BAR
WORKING TEMPERATURE RANGE	-10°C TO 65°C	14°F TO 150°F
MAX. RESETTABLE BATCH TOTALIZER	9999.9 Litres or 999.9 Gallons	
MAX. NON RESETTABLE BATCH TOTALIZER	99999.9 Litres or 99999.9 Gallons	
LEAST COUNT / RESOLUTION	0.10 Litres or 0.10 Gallons	

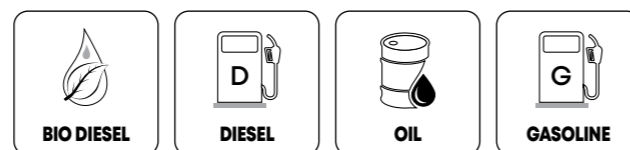
\* Tested in laboratory conditions  
Note: Not to be used to measure media for resale

### ORDERING INFORMATION

CAT NR.	ORD NR.	MEASUREMENT	THREADS	BOX QTY.
FM-100/3-4/BSP	45680	Litres	3/4" BSP (F)	12
FM-100/3-4/N	45681	Litres	3/4" NPT (F)	12
FM-100G/3-4/N	45682	Gallons	3/4" NPT (F)	12
* FM-100/0-1/BSP	45683	Litres	1" BSP (F)	12
FM-100/0-1/N	45684	Litres	1" NPT (F)	12
* FM-100G/0-1/N	45685	Gallons	1" NPT (F)	12

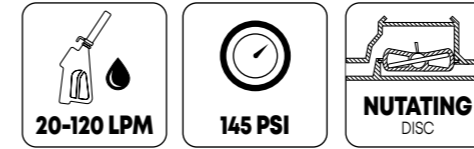
\* Best Seller

### FLUIDS



## 196 Mechanical Diesel Meters

FM-10



High accuracy diesel meter with mechanical register

Nutating disc mechanism offers high tolerance to fuel contamination

Robust aluminum die cast construction

Meter is designed for both in-line applications & gravity flow (with a minimum gravity head of 4')

Ideal for use with electric fuel pumps

Register cap can be easily removed & rotated to every 90° orientation for display reading

Easy user re-calibration

Available in litre/gallon version

### WETTED COMPONENTS

Aluminum, Butyl Terephthalate, Nitrile Rubber

### RECOMMENDED USE

Diesel, Biodiesel, Low to medium viscosity oils

### DO NOT USE WITH

Gasoline, Water based media

### SPECIFICATIONS

FLOW RATE	20-120 LPM	5-32 GPM
ACCURACY*	± 1%	
REPEATABILITY*	± 0.30%	
LEAST COUNT / RESOLUTION	0.10 Litres or 0.10 Gallons	
MAX. WORKING PRESSURE	Upto 145 PSI	Upto 10 BAR
BURST PRESSURE	435 PSI	30 BAR
PRESSURE LOSS	3 PSI	0.20 BAR
WORKING TEMPERATURE RANGE	-10°C TO 60°C	14°F TO 140°F
MAX. RESETTABLE BATCH TOTALIZER	999.9 Litres or 99.9 Gallons	
MAX. NON RESETTABLE BATCH TOTALIZER	9,999.9 Litres or 999.9 Gallons	
MAX. VISCOSITY OF MEDIA	2000 cst	

\* Tested in laboratory conditions  
Note: Not to be used to measure media for resale

### ORDERING INFORMATION

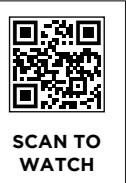
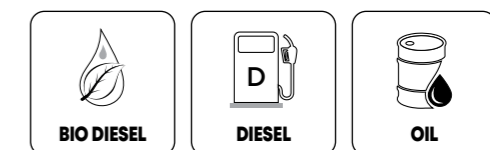
CAT NR.	ORD NR.	MEASUREMENT	THREADS	BOX QTY.
* FM/10/0-1/BSP	45640	Litres	1" BSP (F)	12
FM/10/0-1/N	45642	Litres	1" NPT (F)	12
* FM/10G/0-1/N	45641	Gallons	1" NPT (F)	12

\* Best Seller



Display can be changed by rotating the card in its housing thus ensuring greater versatility in positioning

### FLUIDS





Digital Turbine Meter for low viscosity fluids, easy to install in line or for end of the line applications

Polyamide Turbine Measuring Mechanism

Electronic display using two AAA 1.5V batteries

Aluminium body and sealed electronic card make it suitable for use in severe weather conditions

Display can be rotated in 4 different positions

Bi-Directional - Either ports can be used as inlet/outlet

Measures in litres, quarts, pints & gallons

Easy user re-calibration

#### WETTED COMPONENTS

Aluminum, Polyamide

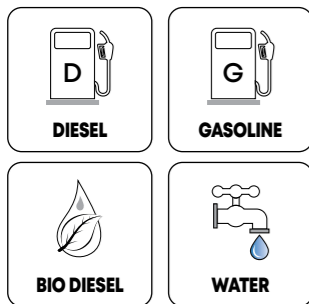
#### RECOMMENDED USE

Diesel, Gasoline, Bio Diesel & Water

#### DO NOT USE WITH

Oils

#### FLUIDS



#### ORDERING INFORMATION

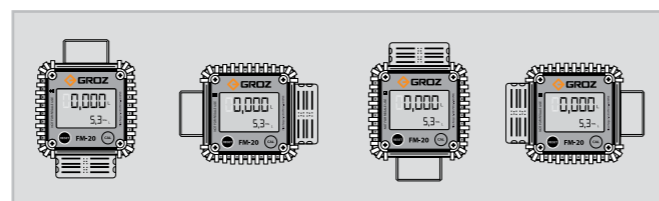
CAT NR.	ORD NR.	THREADS	BOX QTY.
FM-20/0-1/BSP	45650	1" BSP (M) x 1" BSP (F)	1
FM-20/0-1/N	45651	1" NPT (M) x 1" NPT (F)	1



#### SPECIFICATIONS

FLOW RATE	5-120 LPM	1.3-30 GPM
ACCURACY*	± 1%	
REPEATABILITY*	± 0.30%	
LEAST COUNT /RESOLUTION	0.001 units	
MAX WORKING PRESSURE	300 PSI	20 BAR
BURST PRESSURE	580 PSI	40 BAR
PRESSURE LOSS	0.50 PSI	0.04 BAR
WORKING TEMPERATURE RANGE	-10°C TO 50°C	-14°F TO 140°F
MAX. RESETTABLE BATCH TOTALIZER	99,999 units	
MAX. NON RESETTABLE BATCH TOTALIZER	9,999,999 units	
MAX. VISCOSITY OF MEDIA	5.35 cst	

\* Tested in laboratory conditions  
Note: Not to be used to measure media for resale



Display can be changed by rotating the card in its housing thus ensuring great versatility in positioning



Heavy duty, high accuracy electronic fuel meter

Electronic display using 2 x 1.5V Alkaline Batteries

Oval gear mechanism that provides high accuracy over a wide range of fluids with reduced loss of head.

Aluminium body with built in suction filter

Measures in litres, Quarts, Pints & Gallons

Easy user recalibration

Meter comes factory calibrated for use with Diesel

#### WETTED COMPONENTS

Polyoxymethylene, Aluminium, Steel, Neodymium

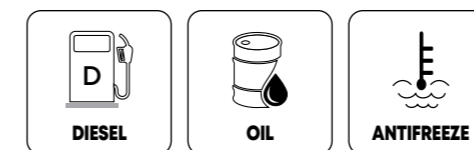
#### RECOMMENDED USE

Diesel, Oils, Antifreeze

#### DO NOT USE WITH

water based media, acids etc

#### FLUIDS



#### SPECIFICATIONS

FLOW RATE	10-100 LPM	2.64-26.4 GPM
ACCURACY*	± 0.5%	
REPEATABILITY*	± 0.2%	
MAX WORKING PRESSURE	435 PSI	30 BAR
WORKING TEMPERATURE RANGE	-10°F TO 60°F	-14°C TO 140°C
PARTIAL TOTAL	0.001 to 99999 units	
MAX RESETTABLE TOTAL	9,99,99 units (5 digits x 100 indicator)	
MAX NON-RESETTABLE TOTAL	9,99,99,999 units (8 digits x 100 indicator)	
LEAST COUNT/ RESOLUTION	Upto 0.001 units	
VISCOSITY	Upto 2000 cst	

\* Tested in laboratory conditions  
Note: Not to be used to measure media for resale

#### ORDERING INFORMATION

CAT NR.	ORD NR.	INLET / OUTLET	BOX QTY.
FM/25/3-4/BSP	45648	3/4" BSP (F)	10
FM/25/3-4/N	45649	3/4" NPT (F)	10
FM/25/0-1/BSP	45653	1" BSP (F)	10
FM/25/0-1/N	45654	1" NPT (F)	10

## 199

### Digital Fuel Meter - Professional

FM-2000



Digital Turbine meter for low viscosity fluids, easy to install in line or for end of the line applications

Polyamide Turbine measuring mechanism

Electronic Display using one 3.7V Li-ion battery (CR2450)

Aluminium body and sealed electronic card make it suitable for use in severe weather conditions

Display can be rotated in 4 different positions

**Bi-Directional**  
Either ports can be used as Inlet / Outlet

**Measures in Litres, Quarts, Pints & Gallons**

Easy user re calibration

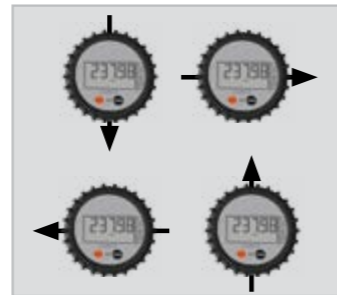
**WETTED COMPONENTS**  
Aluminum, Polyamide & Stainless Steel

**RECOMMENDED USE**  
Diesel, Gasoline, Bio Diesel

**DO NOT USE WITH**  
Oils



Bi - Directional



Display can be changed by rotating the card in its housing thus ensuring great versatility in positioning

#### SPECIFICATIONS

FLOW RATE	4-120 LPM	1-30 GPM
ACCURACY*	± 1%	
REPEATABILITY*	± 0.25%	
MAX WORKING PRESSURE*	150 PSI	10 BAR
WORKING TEMPERATURE RANGE	-4°F TO 158°F	-20°C TO 70°C
WATER RESISTANCE	IP55	
UNITS OF MEASURE	Pints, Quarts, Liters, Gallons	
PARTIAL TOTAL	0.001 to 99999 units	
MAX RESETTABLE TOTAL	9,99,999 units (6 digits with × 100 indicator)	
MAX NON-RESETTABLE TOTAL	9,99,999 units (6 digits with × 100 indicator)	
LEAST COUNT/ RESOLUTION	UPTO 0.001 units	
VISCOSITY	UPTO 5.35 cst	

\* Tested in laboratory conditions  
Note: Not to be used to measure media for resale

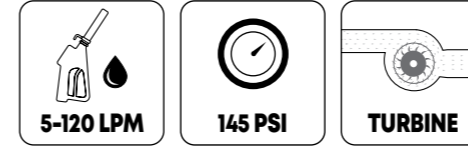
#### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
FM/2000/0-1/BSP	45655	1" BSP (F) × 1" BSP (F)	20
FM/2000/0-1/N	45656	1" NPT (F) × 1" NPT (F)	20

## 200

### Digital DEF / Adblue Meter Heavy Duty

WM-20



Digital turbine meter with polyamide construction, designed especially for use with DEF, water etc.

Designed for in-line, end of the line application or use with a dispensing nozzle

Polyamide turbine measuring mechanism

Electronic display using two AAA 1.5V batteries

Polyamide body & sealed electronic card makes it suitable for use in severe weather conditions

Display can be rotated in 4 different positions

Measures in litres, quarts, pints & gallons

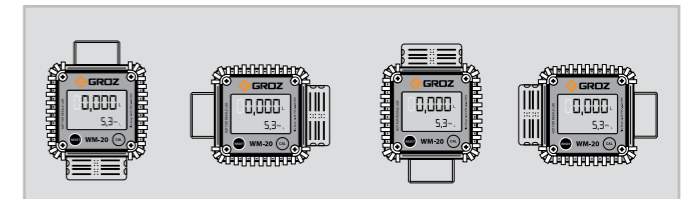
Easy user re-calibration

Includes one additional stainless steel adaptor to convert from 1" male to 1" female threads

**WETTED COMPONENTS**  
Polyamide, Viton, Stainless Steel

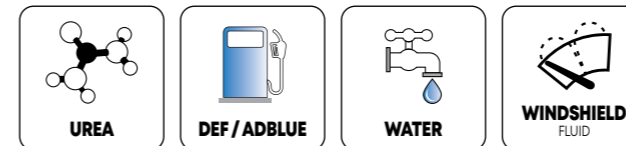
**RECOMMENDED USE**  
Urea, Adblue, Def, Windshield Fluids, Water & Water Based Media

**DO NOT USE WITH**  
Fuels & Oils



Display can be changed by rotating the card in its housing thus ensuring great versatility in positioning

#### FLUIDS



#### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
WM/20/0-1/BSP	45670	1" BSP	1
WM/20/0-1/N	45671	1" NPT	1

#### SPECIFICATIONS

FLOW RATE	5-120 LPM	1.3-30 GPM
ACCURACY*	± 1%	
REPEATABILITY*	± 0.30%	
MAX WORKING PRESSURE	UPTO 145 PSI	10 BAR
WORKING TEMPERATURE RANGE	-10°F TO 50°F	14°C TO 122°C
LEAST COUNT/ RESOLUTION	0.001 UNITS	
MAX. RESETTABLE BATCH TOTALIZER	99,999 UNITS	
MAX. NON RESETTABLE BATCH TOTALIZER	9,99,999 UNITS	
MAX. VISCOSITY OF MEDIA	5.35 cst	

\* Tested in laboratory conditions  
Note: Not to be used to measure media for resale

## 201

### Digital DEF / Adblue Meter Professional

WM-2000



Digital Turbine Meter with Poly Propylene construction, designed especially for use with DEF, water etc.

#### Designed for

- In-Line application
- End of the line application
- Use with a dispensing nozzle

Poly Propylene body & sealed electronic card makes it suitable for use in severe weather conditions  
Polyamide turbine measuring mechanism

Electronic display using one 3V lithium ion battery (CR 2450)

Display can be rotated in 4 different positions

#### Bi-Directional

Either ports can be used as Inlet / Outlet

#### Measures in Litres, Quarts, Pints & Gallons

Easy user re calibration

#### WETTED COMPONENTS

Poly Propylene, Polyamide, Stainless Steel

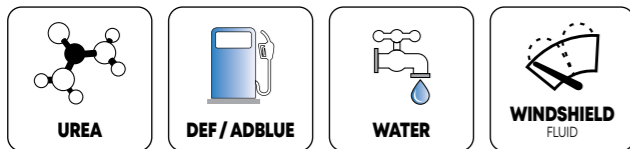
#### RECOMMENDED USE

Urea, AdBlue, DEF, Windshield fluids, water & water based media

#### DO NOT USE WITH

Fuels and Oils

#### FLUIDS

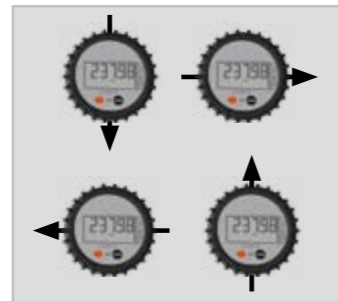


#### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
WM/2000/0-1/BSP	45673	1" BSP (F)	20
WM/2000/0-1/N	45674	1" NPT (F)	20



Bi - Directional



Display can be changed by rotating the card in its housing thus ensuring great versatility in positioning

#### SPECIFICATIONS

FLOW RATE	UPTO 4-120 LPM	1-30 GPM
ACCURACY*	± 1%	
REPEATABILITY*	± 0.25%	
MAX WORKING PRESSURE	UPTO 150 PSI	10 BAR
WORKING TEMPERATURE RANGE	-4°F TO 158°F	-20°C TO 70°C
UNITS OF MEASURE	PINTS, QUARTS, LITERS, GALLONS	
PARTIAL TOTAL	0.001 TO 99999 UNITS	
MAX RESETTABLE TOTAL	9,99,999 (6 digits × 100 indicator) UNITS	
MAX NON-RESETTABLE TOTAL	9,99,999 (6 digits × 100 indicator) UNITS	
LEAST COUNT/ RESOLUTION	UPTO 0.001 UNITS	

\* Tested in laboratory conditions

Note: Not to be used to measure media for resale

## 202

### Stainless Steel Fuel Nozzle Swivel

SWV-SS



For use with DEF / Adblue, Urea, Windshield fluids & Other water based media

#### WETTED COMPONENTS

Stainless Steel SS 304

#### RECOMMENDED USE

Urea, DEF/Adblue, Water & Windshield Fluid

Stainless Steel SS 304 construction

Hose barb 3/4" (20 mm) at one end 3/4" male threads on the other

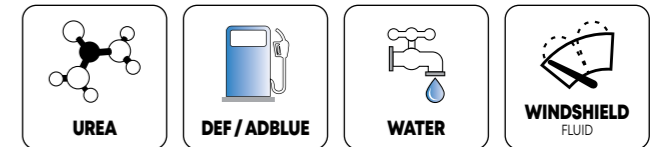
0.55" (14 mm) ID designed for minimal back pressure & reduction in flow



#### ORDERING INFORMATION

CAT NR.	ORD NR.	INLET	OUTLET	BOX QTY.
SWV/SS/HB/3-4/B	43892	3/4" (20 mm) Hose Barb	3/4" BSPT (M)	50
SWV/SS/HB/3-4/N	43893	3/4" (20 mm) Hose Barb	3/4" NPT (M)	50

#### FLUIDS



## 203

### Dual Plane Fuel Nozzle Swivels

SWV-DP



Swivels are installed between fuel nozzle & hose to reduce strain, provide flexibility & long life to hose

Laminar flow design for higher fuel flow

Dual 'O' ring seal for long service life

Provide 360° rotation for free movement facilitating flexibility to refuel vehicles from any direction

Compatible with fuels containing alcohol

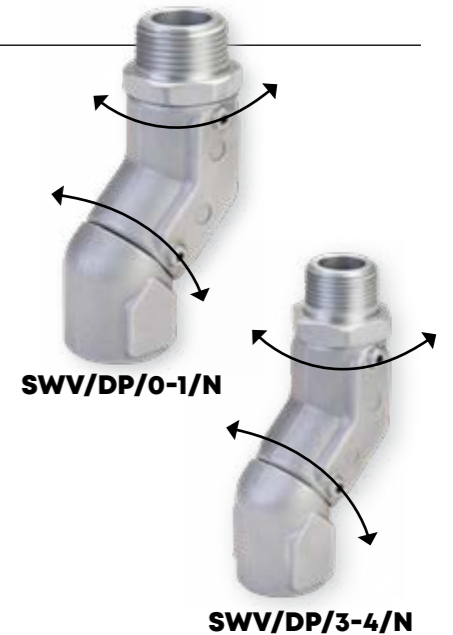
Aluminium die cast construction with male threaded end made from brass

#### WETTED COMPONENTS

Aluminium, Brass, Viton

#### RECOMMENDED USE

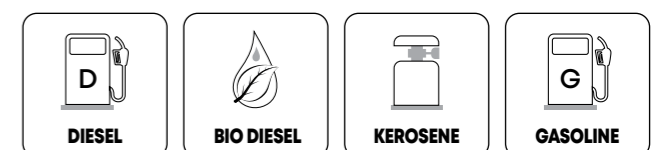
Diesel, Kerosene, Gasoline, Bio-Diesel

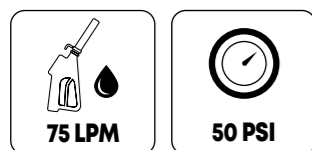


#### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
SWV/DP/3-4/BSP	43882	3/4" BSP (M) x 3/4" BSP (F)	50
SWV/DP/0-1/BSP	43883	1" BSP (M) x 1" BSP (F)	50
SWV/DP/3-4/N	43880	3/4" NPT (F) x 3/4" NPT (M)	50
SWV/DP/0-1/N	43881	1" NPT (F) x 1" NPT (M)	50

#### FLUIDS





For use with manual & electric fuel pumps

All metal construction with the body, discharge spout, trigger & guard made from aluminium

### Manual Flow Control

Comes with a continuous flow switch for unattended dispensing

Designed for minimal back pressure

6-5/16" (160 mm) long Spout

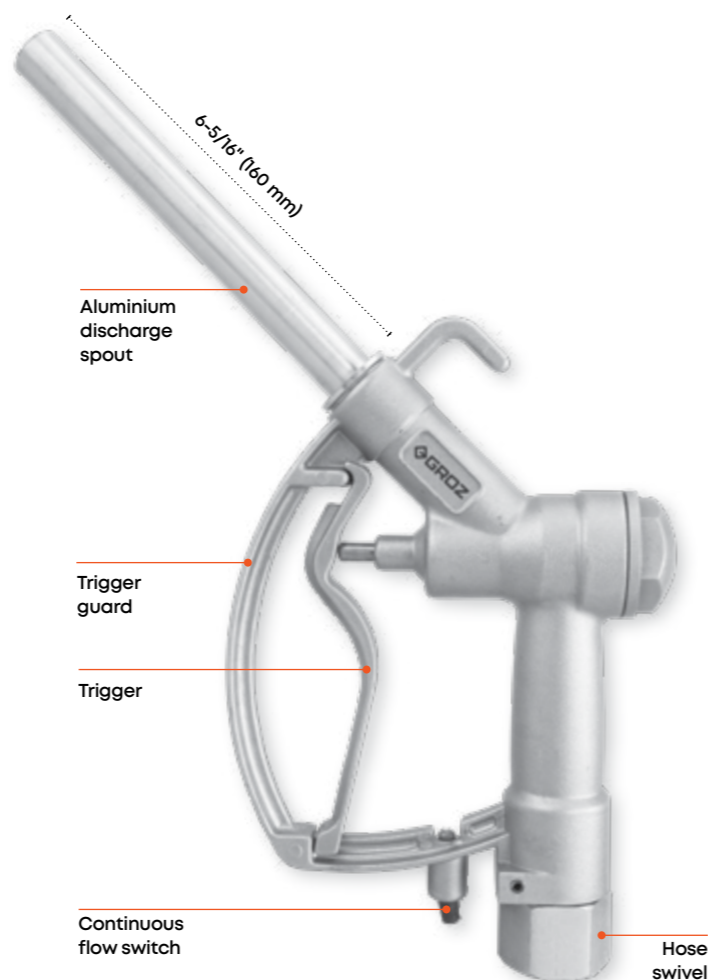
Available in a choice of straight or curved spout, both with and without swivel

### WETTED COMPONENTS

Aluminum, Steel, Nylon, Nitrile Rubber, Zinc\*  
\*on models fitted with Hose Barb

### RECOMMENDED USE

Diesel, Kerosene & Gasoline



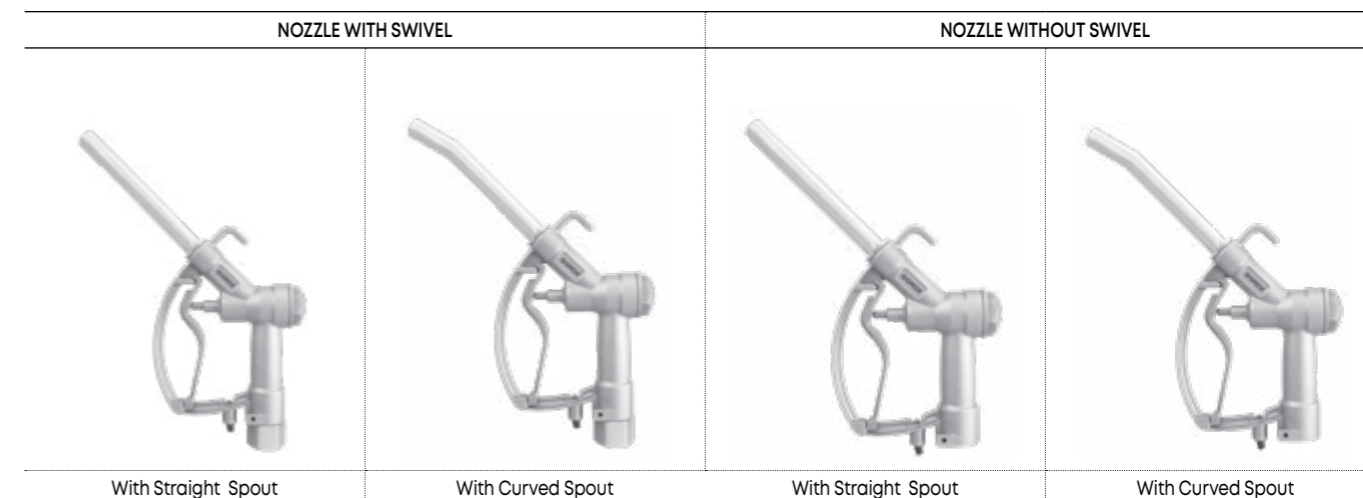
### SPECIFICATIONS

FLOW RATE	UPTO 75 LPM	UPTO 20 GPM
MAX. WORKING PRESSURE	UPTO 50 PSI	UPTO 3.45 BAR

### FLUIDS

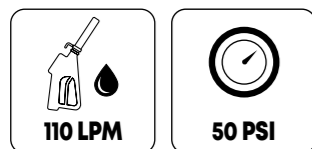


### VARIANTS



### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	FOR USE WITH	INLET THREADS	SPOUT DIA. (OD)		SPOUT DIA. (ID)		MAX. FLOW RATE		BOX QTY.
						(INCH)	(MM)	(INCH)	(MM)	LPM	GPM	
BSP THREADS			NPT THREADS									
<b>NOZZLES WITH SWIVEL - STRAIGHT SPOUT</b>												
FCN/S/3-4/3-4/BSP	45580	FCN/S/3-4/3-4/N	45590	Diesel & Gasoline	3/4" (F)	3/4	19	0.61	15.6	57	15	20
FCN/S/0-1/0-1/BSP	45581	FCN/S/0-1/0-1/N	45591	Diesel	1" (F)	1	25	0.86	22	75	20	20
<b>NOZZLES WITH SWIVEL - CURVED SPOUT</b>												
FCN/S/3-4/3-4/C/BSP	45583	FCN/S/3-4/3-4/C/N	45593	Diesel & Gasoline	3/4" (F)	3/4	19	0.61	15.6	57	15	20
FCN/S/0-1/0-1/C/BSP	45584	FCN/S/0-1/0-1/C/N	45594	Diesel	1" (F)	1	25	0.86	22	75	20	20
FCN/S/0-1/3-4/C/BSP	45585	FCN/S/0-1/3-4/C/N	45595	Diesel & Gasoline	1" (F)	3/4	19	0.61	15.6	57	15	20
<b>NOZZLES WITHOUT SWIVEL - STRAIGHT SPOUT</b>												
FCN/3-4/3-4/BSP	45605	FCN/3-4/3-4/N	45596	Diesel & Gasoline	3/4" (F)	3/4	19	0.61	15.6	57	15	20
FCN/0-1/0-1/BSP	45606	FCN/0-1/0-1/N	45597	Diesel	1" (F)	1	25	0.86	22	75	20	20
FCN/0-1/3-4/BSP	45607	FCN/0-1/3-4/N	45598	Diesel & Gasoline	1" (F)	3/4	19	0.61	15.6	57	15	20
<b>NOZZLES WITHOUT SWIVEL - CURVED SPOUT</b>												
FCN/3-4/3-4/C/BSP	45623	FCN/3-4/3-4/C/N	45626	Diesel & Gasoline	3/4" (F)	3/4	19	0.61	15.6	57	15	20
FCN/0-1/0-1/C/BSP	45624	FCN/0-1/0-1/C/N	45627	Diesel	1" (F)	1	25	0.86	22	75	20	20
FCN/0-1/3-4/C/BSP	45625	FCN/0-1/3-4/C/N	45628	Diesel & Gasoline	1" (F)	3/4	19	0.61	15.6	57	15	20



For use with electric fuel pumps

#### Dual Mode - Manual & Automatic

Sensor built into the discharge spout outlet automatically shuts off supply once fuel level in the tank reaches that of the outlet discharge spout

Heavy duty cast aluminum body, trigger & guard from thermoplastic & protective vinyl grip on the nozzle body

Available both with & without swivel

#### WETTED COMPONENTS

Aluminium, Viton, Steel\*  
\* only on models with swivel

#### RECOMMENDED USE

Diesel, Kerosene, Leaded & Unleaded Gasoline



#### SPECIFICATIONS

FLOW RATE	UPTO 110 LPM	UPTO 29 GPM
MAX. WORKING PRESSURE	UPTO 50 PSI	UPTO 3.45 BAR

#### FLUIDS



#### VARIANTS

NOZZLE WITHOUT SWIVEL		NOZZLE WITH SWIVEL	
With Straight Spout	With Curved Spout	With Straight Spout	With Curved Spout

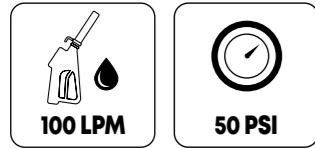
#### ORDERING INFORMATION

CAT NR.	ORD NR.	INLET THREADS	FLOW RATE		SPOUT DIA (OD)		SPOUT DIA (ID)	SPOUT TYPE	SPOUT LENGTH		SPRING ON SPOUT	COLOR OF SLEEVE	BOX QTY.
			(LPM)	(GPM)	(INCH)	(MM)			(INCH)	(MM)			
<b>NOZZLE WITHOUT SWIVEL</b>													
<b>WITH STRAIGHT SPOUT</b>													
* FCNA/3-4/N*	45570	3/4" NPT (F)	60	15.87	13/16	21	17	Straight	7	180	No	Black	12
<b>WITH CURVED SPOUT</b>													
* FCNA/3-4A/N	45576	3/4" NPT (F)	60	15.87	13/16	21	16	Curved	6.3	160	Yes	Black	12
FCNA/3-4B/N	45577	3/4" NPT (F)	60	15.87	15/16	24	19.5	Curved	6.3	160	Yes	Black	12
FCNA/0-1/N	45571	1" NPT (F)	100	26.45	1-1/16	27	21	Curved	5-1/2	140	Yes	Black	12
FCNA/0-1T/GN/N	45566	1" NPT (F)	110	29.05	1-3/16	30	25	Curved	5-1/2	140	Yes	Green	12
<b>NOZZLE WITH SWIVEL</b>													
<b>WITH STRAIGHT SPOUT</b>													
FCNA/S/3-4/BSP	45572	3/4" BSP (F)	60	15.87	13/16	21	17	Straight	7	180	No	Black	12
<b>WITH CURVED SPOUT</b>													
FCNA/S/3-4A/BSP	45578	3/4" BSP (F)	60	15.87	13/16	21	16	Curved	6.3	160	Yes	Black	12
FCNA/S/3-4B/BSP	45579	3/4" BSP (F)	60	15.87	15/16	24	19.5	Curved	6.3	160	Yes	Black	12
FCNA/S/0-1/BSP	45574	1" BSP (F)	100	26.45	1-1/16	27	21	Curved	5-1/2	140	Yes	Black	12
FCNA/S/0-1T/GN/BSP	45587	1" BSP (F)	110	29.05	1-3/16	30	25	Curved	5-1/2	140	Yes	Green	12

\* Best Seller  
\*Non-UL listed

## 206 Auto Shut-Off Safety Fuel Nozzles

FCNA-CG



Fuel Dispensing nozzles designed to dispense a wide variety of fuels

For use with electric fuel pumps

Heavy duty cast aluminum body

Trigger & guard from thermoplastic & protective vinyl grip on the nozzle body

Grip available in a variety of colours for instant identification of fuel type

The Spout is reinforced with thick aluminum bushing/cuff that retains spout spring and keeps spout in place on the fuel tank minimizing chances of the nozzle falling off the tank

Includes splash guard

This nozzle is designed with special safety features. The nozzle automatically shuts off:

1. When the Fuel tank is full (fuel level in the tank reaches that of the outlet discharge spout)
2. When the Pump is switched off (Pressure at inlet of the nozzle goes below the operating pressure)
3. If nozzle has an accidental fall
4. When the nozzle is lifted from the tank (Nozzle spout is raised above the horizontal line)

### WETTED COMPONENTS

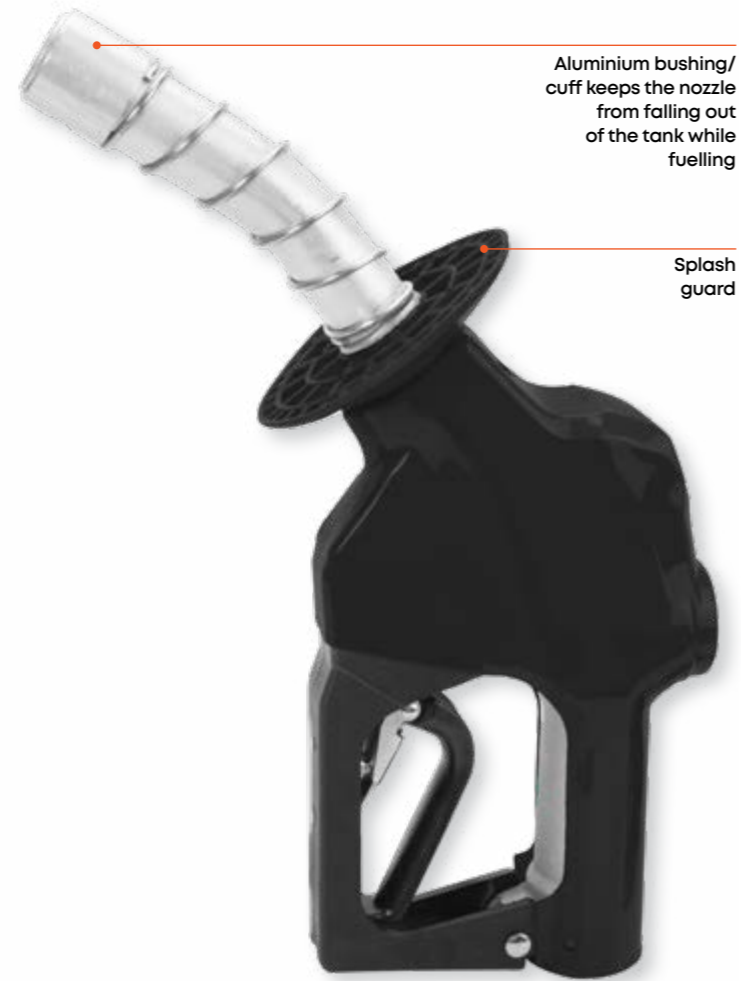
Aluminium, Viton

### RECOMMENDED USE

Diesel, Kerosene, Leaded & Unleaded Gasoline

### ORDERING INFORMATION

CAT NR.	ORD NR.	FOR USE WITH	SPOUT TYPE	SPRING ON SPOUT	INLET THREAD		SPOUT DIA. (OD)		SPOUT DIA. (ID)		MAX. FLOW RATE		BOX QTY.
					(INCH)	(MM)	(INCH)	(MM)	(LPM)	(GPM)			
FCNA/3-4A/CG/N	45558	Diesel, Gasoline	Curved with spring, cuff & Splash Guard	Yes	3/4	13/16	21	0.63	16	60	15.87	12	
FCNA/0-1T/CG/N	45559	Diesel	Curved with spring, cuff & Splash Guard	Yes	1	1-3/16	30	1	25	100	26.45	12	



Aluminium bushing/cuff keeps the nozzle from falling out of the tank while fuelling

Splash guard

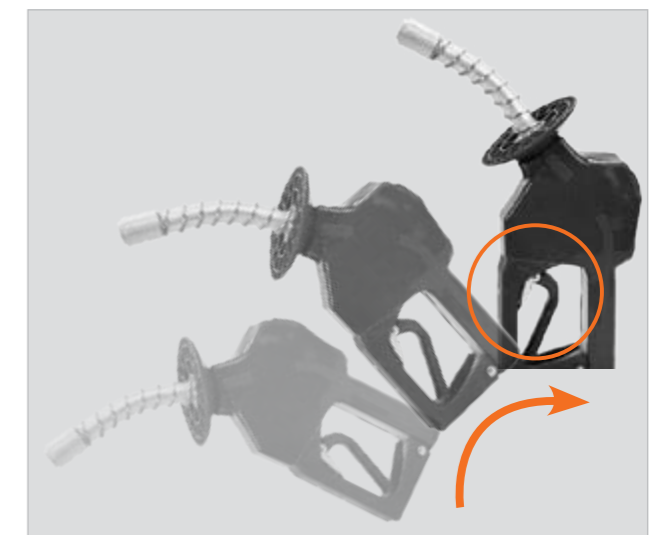
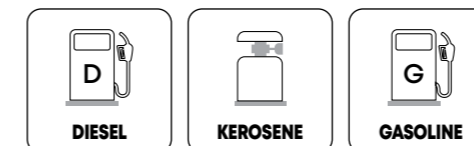
### SPECIFICATIONS

FLOW RATE	UPTO 100 LPM	UPTO 26.45 GPM
MAX. WORKING PRESSURE	UPTO 50 PSI	UPTO 3.45 BAR

### VARIANTS

FCNA/3-4A/CG/N	FCNA/0-1T/CG/N
For use with Diesel & Gasoline	For use with Diesel

### FLUIDS



When raised or lifted above the horizontal line, the nozzle automatically shuts-off



# 207 DEF / Adblue Control Nozzle Manual

FCN-NY



For use with DEF, adblue, urea, windshield fluids & other water based media

Nylon construction with stainless steel internal parts & viton seal

Nozzle spout with notches to avoid the gun from slipping from the tank during delivery

Hose barb 3/4" (20 mm) at inlet

Manual control. Also includes continuous flow switch for unattended dispensing

Designed for minimal back pressure & reduction in flow

### WETTED COMPONENTS

Nylon (Nylon 6, 30% glass Filled), Stainless Steel, Viton

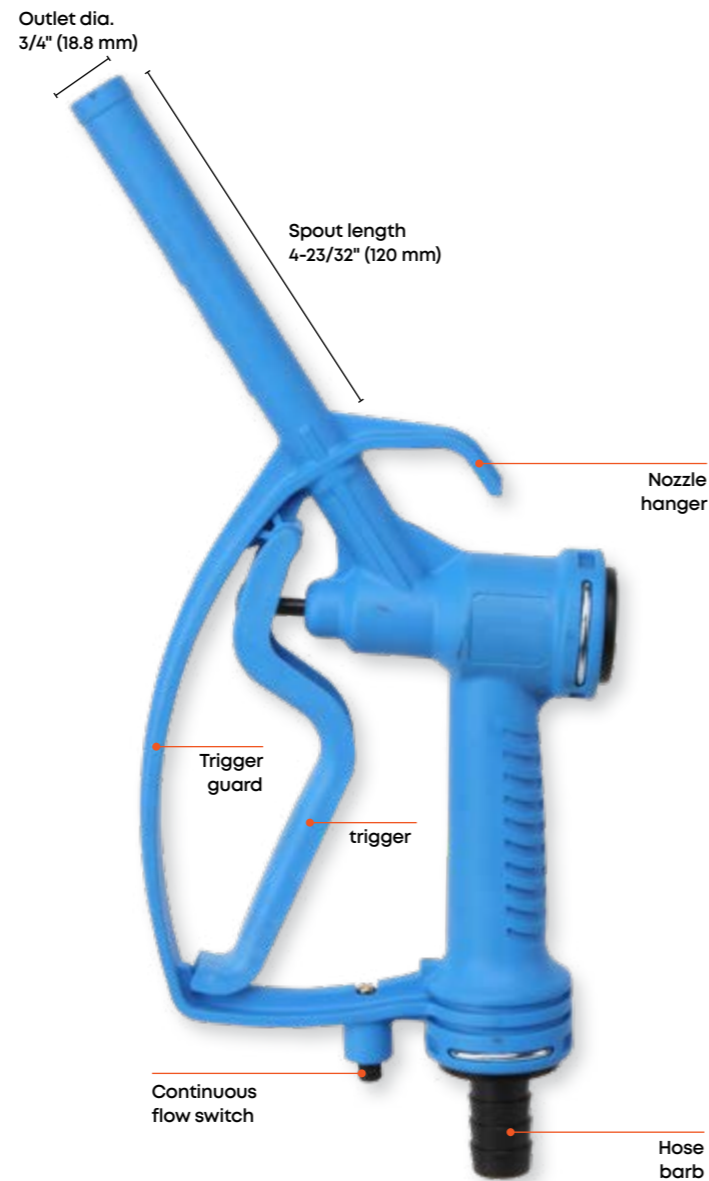
### RECOMMENDED USE

Diesel Exhaust Fluid, Adblue & Urea

### SPECIFICATIONS

FLOW RATE	UPTO 20-90 LPM	UPTO 5-23.8 GPM
MAX. WORKING PRESSURE	UPTO 72.5 PSI	UPTO 5 BAR

### FLUIDS



### ORDERING INFORMATION

CAT NR.	ORD NR.	INLET	SPOUT DIA. (OD)		SPOUT DIA. (ID)		BOX QTY.
			(INCH)	(MM)	(INCH)	(MM)	
FCN/NY/HB/3-4	45589	3/4" (20 mm) Hose Barb	3/4	18.8	0.57	14.6	20

# 208 DEF / Adblue Control Nozzle Automatic

FCNA-SS



For use with DEF, Adblue, Urea, Windshield fluids & Other based media

Heavy duty stainless steel cast body with polyamide cover

Sensor built into the discharge spout automatically shuts off the supply once fluid level in the tank reaches that of the outlet discharge spout

Built-In stainless steel swivel for ease of use

### WETTED COMPONENTS

SS 304, N41

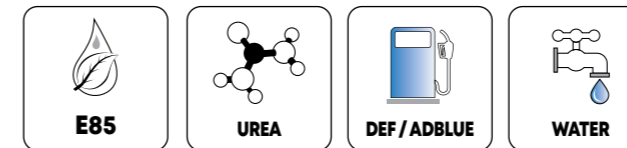
### RECOMMENDED USE

Water based media, Urea, Adblue, E85 & DEF

### SPECIFICATIONS

FLOW RATE	UPTO 45 LPM	UPTO 11.9 GPM
MAX. WORKING PRESSURE	UPTO 50 PSI	UPTO 3.45 BAR

### FLUIDS



### ORDERING INFORMATION

CAT NR.	ORD NR.	SPOUT	INLET	SPOUT DIA. (ID)		SPOUT DIA. (OD)		BOX QTY.
				(INCH)	(MM)	(INCH)	(MM)	
FCNA/S/SS/3-4	45567	Curved	3/4" (20 mm) Hose Barb	0.63	16	0.73	18.5	12



A range of Fuel Filters to suit different types of fuels in agricultural & industrial applications

Durable & lightweight design for easy installation on mobile & stationary fuel tanks and on gasoline & diesel fuel pumps

Rust & weather resistant for years of trouble free usage

Translucent filter bowl gives a visible check of the filter element & permits removal of water contaminants from the bowl

Drain valve is operated by a simple turn to release accumulated water & contaminants

The 10 micron paper filter element filters even small particles of rust, scale, grit, dirt, sand and lint at a gravity flow of 19 LPM (5 GPM) with a 24"(600 mm) head. The filter element has 366 square inches of filtering surface which results in more particle retention which means cleaner fuel and fewer repairs of costly engines.

Replacement filter elements are available as spares for each type below

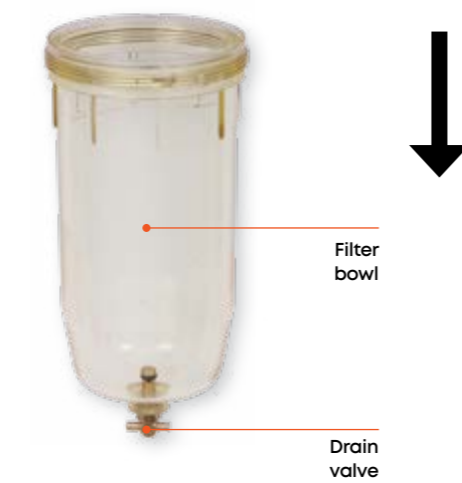
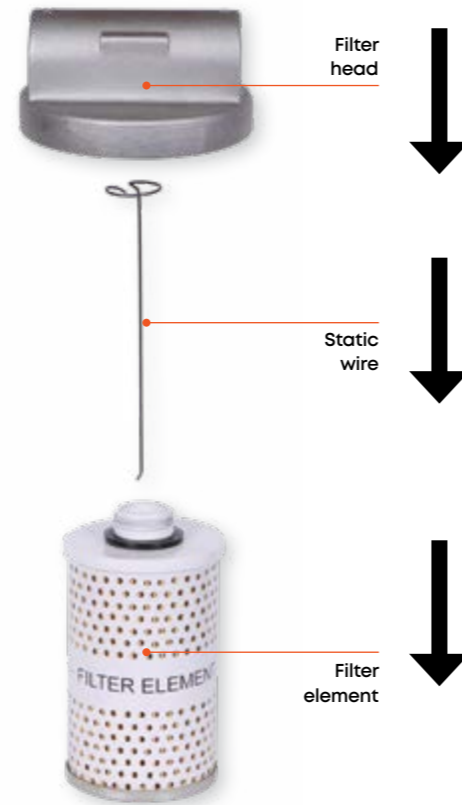
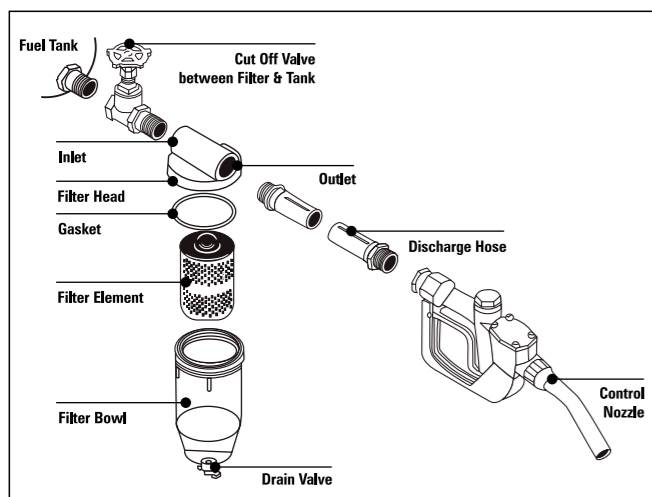
**Available in 3 versions**

- a. Fuel Filter for Gasoline, Gasohol, Diesel & Kerosene (FFL-01)
- b. Fuel Filter for Bio Diesel (FFL-01BD)
- c. Fuel Filter for Diesel & Kerosene (FFL-02)

**SPECIFICATIONS**

MAX. WORKING PRESSURE	UPTO 50 PSI	UPTO 3.45 BAR
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**Fuel Filter Installation**



**FUEL FILTERS WITH SEE-THROUGH BOWL (FFL-01)**

**WETTED COMPONENTS**

Aluminium, Isoplast, NBR, Steel, Paper element, Nylon

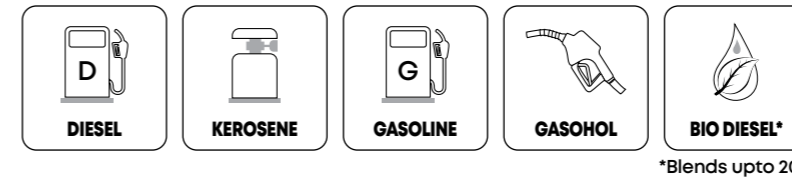
**RECOMMENDED USE**

Gasoline, Diesel fuel, Fuel Oil & related additives including Methyl, Ethyl & Isopropyl Alcohol, Bio-Diesel blends upto 20%

**DO NOT USE WITH**

Water based products, Aviation fuels, racing fuels etc.

**FLUIDS**



**REPLACEMENT PARTS**



**ORDERING INFORMATION**

CAT NR.	ORD NR.	INLET/OUTLET	BOX QTY.
<b>FUEL FILTER WITH 10 MICRON FILTER ELEMENT</b>			
FFL-01/3-4/B	45950	3/4" BSP (F)	30
FFL-01/3-4/N	45951	3/4" NPT (F)	30
* FFL-01/B	44314	1" BSP (F)	30
* FFL-01/N	44315	1" NPT (F)	30
<b>FUEL FILTER WITH 10 MICRON WATER BLOCK FILTER</b>			
FFL-01/3-4WB/B	45952	3/4" BSP (F)	30
FFL-01/3-4WB/N	45953	3/4" NPT (F)	30
FFL-01/WB/B	44316	1" BSP (F)	30
FFL-01/WB/N	44317	1" NPT (F)	30
<b>REPLACEMENT FILTER ELEMENT</b>			
FF/FFL/10-ST	44389	Contaminant Filter	200
FF/FFL/10-WB/ST	44399	Water Block Filter	200
<b>REPAIR PARTS</b>			
ZSA/CON/FFL/01	44354	-	50

\* Best Seller

## Fuel Filters (Continued)

FFL-01

FFL-02

### FUEL FILTERS WITH SEE-THROUGH BOWL (FFL-01BD)

Fuel Filter for use with Bio Diesel

Includes 10 micron fuel filter element

See-through bowl permits visual monitoring of fuel flow

Ideal for use with 100% Bio-Diesel & several other fuels and fuel based products

#### WETTED COMPONENTS

Aluminium, Isoplast, Viton, Steel, Paper element, Nylon

#### RECOMMENDED USE

100% Bio-Diesel, Gasoline, Diesel fuel, Fuel Oil & related additives including Methyl, Ethyl & Isopropyl Alcohol

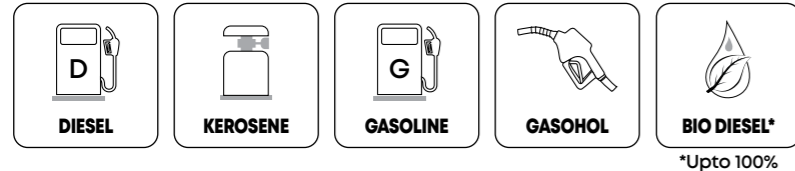
#### DO NOT USE WITH

Water based products, Aviation fuels, racing fuels etc

#### REPLACEMENT PARTS



#### FLUIDS



#### ORDERING INFORMATION

CAT NR.	ORD NR.	FILTER ELEMENT	INLET/ OUTLET	BOX QTY.
<b>FUEL FILTER</b>				
FFL-01/BD/BSP	44318	10 microns	1" BSP (F)	30
FFL-01/BD/N	44319	10 microns	1" NPT (F)	30
<b>REPLACEMENT FILTER ELEMENT</b>				
FF/FFL/10BD/ST	44336	10 microns	-	200
<b>REPAIR PARTS</b>				
ZSA/CON/FFL/01	44354	Spare Filter Bowl	-	-



### FUEL FILTERS (FFL-02)

Fuel Filter for use with Diesel & Gasoline

Includes 10 micron fuel filter element

Translucent Polypropylene bowl gives a visual check of the filter element & permits removal of sediment and water in the bowl

Water block filter element also available that separates water from fuel

#### WETTED COMPONENTS

Aluminium, Polypropylene, NBR, Steel, Paper element, Nylon, Brass

#### RECOMMENDED USE

Diesel Fuel, Kerosene & Gasoline

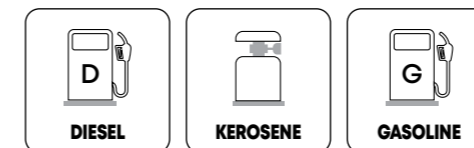
#### DO NOT USE WITH

Water based products, Gasohol, Aviation fuels, racing fuels etc

#### REPLACEMENT FILTER ELEMENT



#### FLUIDS



#### ORDERING INFORMATION

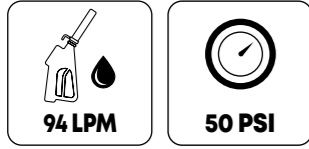
CAT NR.	ORD NR.	FILTER ELEMENT	INLET/ OUTLET	BOX QTY.
<b>FUEL FILTER</b>				
* FFL-02/B	44390	10 microns	1" BSP (F)	30
FFL-02/N	44391	10 microns	1" NPT (F)	30
FFL-02WB/B	44392	10 microns water block filter	1" BSP (F)	30
FFL-02WB/N	44393	10 microns water block filter	1" NPT (F)	30
<b>REPLACEMENT FILTER ELEMENT</b>				
FF/FFL/10	44395	10 micron filter	-	200
FF/FFL/10-WB	44397	10 micron water block filter	-	200

\* Best Seller



## 210 Fuel Filters - Spin on Cartridge Style

FFS-10



High Flow Fuel Filter, complete with 10 micron Spin-On style filter cartridge

Aluminum Die Cast Head, vacuum impregnated for leakproof operation

Fits spin on cartridges with 1-1/2"-16 UNF threads  
Designed for use on both mobile & stationary fuel tanks and on gasoline & diesel fuel pumps  
Ideal for use in construction & agricultural applications

Removes particulate contaminants such as dirt, dust & rust

Replacement Spin-On Filter cartridges available as spare

### RECOMMENDED USE

Gasoline, Ethanol & Methanol blend upto 10%, Diesel Fuel

### DO NOT USE

With water based products, Aviation Fuels, Race Fuels etc.

### SPECIFICATIONS

FLOW RATE	UPTO 94 LPM	UPTO 25 GPM
MAX. WORKING PRESSURE	UPTO 50 PSI	UPTO 3.45 BAR

### ORDERING INFORMATION

CAT NR.	ORD NR.	INLET/OUTLET	BOX QTY.
<b>FUEL FILTER WITH 10 MICRON FILTER</b>			
FFS/10/3-4/BSP	45904	3/4" BSP (F)	20
FFS/10/3-4/N	45905	3/4" NPT (F)	20
FFS/10/BSP	45900	1" BSP (F)	20
FFS/10/N	45901	1" NPT (F)	20
<b>FUEL FILTER WITH 10 MICRON WATER BLOCK FILTER</b>			
FFS/10WB/3-4/BSP	45906	3/4" BSP (F)	20
FFS/10WB/3-4/N	45907	3/4" NPT (F)	20
FFS/10WB/BSP	45902	1" BSP (F)	20
FFS/10WB/N	45903	1" NPT (F)	20
<b>REPLACEMENT CARTRIDGE</b>			
FF/FFS/10	45910	Contaminant Filter	20
FF/FFS/10-WB	45911	Water Block Filter	20

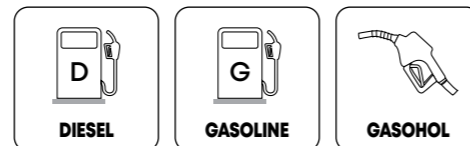


FFS/10/N

### FF/FFS/10

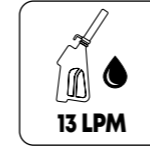


### FLUIDS



## 211 Portable Fuel Filter

FUF-13



Unique patented design fuel filter

Designed to filter out water, contaminants & debris from various fuels & light oils

Anti-static, portable design with built in vertical filter to separate contaminants & water from fuel

Vertical design of the filter permits free flow of fluids without exerting any pressure on the filter screen - a phenomenon seen with horizontal filters

Sump in the funnel traps contaminants & debris, keeping them away from clogging the filter

Filters out water & solids till 100 microns

Teflon coated stainless steel filter screen is virtually maintenance free

Rugged Polypropylene body with Carbon as an additive makes the unit light weight & resistant to dents & scratches

Carbon component makes the funnel conductive which grounds static electricity that may be produced when handling fuels.

### WETTED COMPONENTS

Stainless Steel, Teflon, Polypropylene

### RECOMMENDED USE

Diesel, Kerosene, Gasoline, Light oils

### DO NOT USE WITH

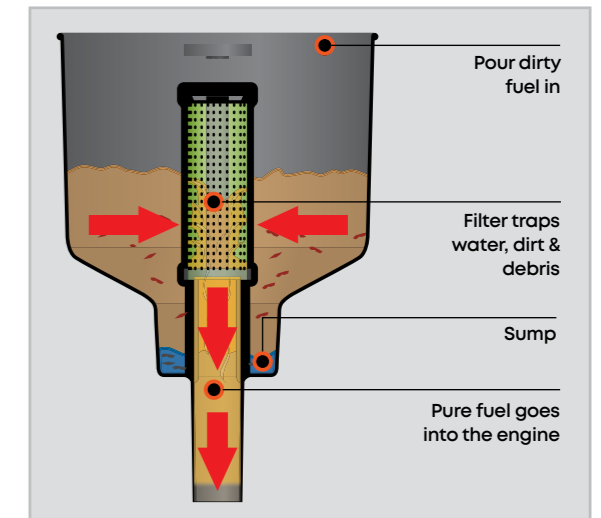
Detergents, Non Compatible media

### SPECIFICATIONS

FLOW RATE	UPTO 13 LPM	UPTO 3.45 GPM
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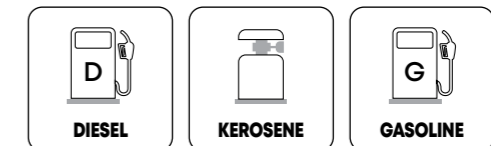
### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
FUF-13	41950	20



Dirt & water are practically unavoidable in stored fuel, causing contamination, decreased efficiency and possible engine shutdown or failure. Protect your engine by using a portable fuel filter every time you transfer fuel to your tank!

### FLUIDS



SCAN TO WATCH

## 212 Filter Wrench

FW-FFL

Easy to use filter wrench for removing filter bowl when changing filter element

Weather resistant re-inforced nylon construction won't damage the bowl like metal oil filter wrenches

Wire through hole provided for attaching to fuel tank

Specially designed to fit GROZ FFL-01 & FFL-02 fuel filter bowl.

Also fits filters from several other makers such as:

**Goldenrod Model 495 & 496, Baldwin Model B10AL, National Spencer Model NS-10, John Deere TY15192 & TY15677 etc.**

### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
FW/FFL-02	44394	50



Wire through hole

## 213 Breakaway Valve

BKV

Inline breakaway valve designed to be installed between the fuel dispenser & nozzle

In case of drive-off, breakaway valve allows the nozzle end of the hose to get separated from the dispenser end of the hose

The dual poppets inside the breakaway valve closes when drive off happens, trapping the fuel inside the hose at both ends thereby avoiding fuel spillage and possible damage to environment

Tolerant of pulsing and line shocks due to sturdy yet lightweight aluminium design body

PVC sleeve provides better grip and handling

Designed to pull apart at Max. 1500N/350 lbs. pull force

Small & light weight with minimal flow restriction

**WETTED COMPONENTS**  
Aluminium, Nylon & Viton



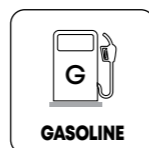
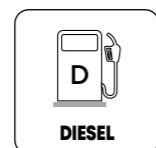
3/4" Breakaway Valve

1" Breakaway Valve

### ORDERING INFORMATION

CAT NR.	ORD NR.	SIZE	MAX FLOW RATE	MAX PULL FORCE
BKV/3-4/N	43875	3/4"	60 LPM	1500 N/350 lbs
BKV/0-1/N	43876	1"	90 LPM	1500 N/350 lbs

### FLUIDS



## 214 Anti-static Fuel Hose & Kits

ZSA-HOS

FDK

### RECOMMENDED USE

Diesel, Kerosene, Gasoline



Anti Static Fuel Hose



Fuel Dispensing Kit (Fuel Hose with Nozzle)

### ORDERING INFORMATION

CAT NR.	ORD NR.	LENGTH (FEET)	HOSE ID (INCH)	THREAD	FOR PUMP	BOX QTY.
<b>ANTI-STATIC FUEL HOSE</b>						
ZSA/HOS/FPM/12	44077	12	3/4	3/4" NPT (M)	FPM-12	10
ZSA/HOS/FPM/12-14	44073	14	3/4	3/4" NPT (M)	FPM-24 FPM-115	7
ZSA/HOS/FPM/12-20	44074	20	3/4	3/4" NPT (M)	FPM-220	5
ZSA/HOS/FPM/12/HF	44078	12	1	1" NPT (M)	FPM/12/HF	10
ZSA/HOS/FPM/12/HF-14	44079	14	1	1" NPT (M)		7
ZSA/HOS/FPM/12/HF-20	44089	20	1	1" NPT (M)		5
<b>ANTI-STATIC FUEL HOSE WITH MANUAL NOZZLE</b>						
FDK/3/3-4/N	44094	10	3/4	3/4" NPT (M)	-	10
FDK/3/0-1/N	44095	10	1	1" NPT (M)	-	10

## 215 Non Grounded Fuel Hoses

### RECOMMENDED USE

Diesel, Kerosene



### ORDERING INFORMATION

CAT NR.	ORD NR.	LENGTH (FEET)	HOSE ID (INCH)	THREAD	BOX QTY.
<b>BSP THREAD</b>					
HOS/EDP/4M/HF/BSP	47158	14	1	1" BSP (M)	8
HOS/EDP/6M/HF/BSP	47160	20	1	1" BSP (M)	6
<b>NPT THREAD</b>					
HOS/EDP/14	44096	14	3/4	3/4" NPT (M)	8
HOS/EDP/20	44097	20	3/4	3/4" NPT (M)	6
HOS/EDP/14/HF	44098	14	1	1" NPT (M)	8
HOS/EDP/20/HF	44099	20	1	1" NPT (M)	6

Other lengths can be custom manufactured



**VI** DRUM HANDLING

**216** 4 Wheel Drum Dolly BDL-140

Extra heavy duty drum dolly

Suitable for convenient movement of 205 litre (55 gallon) drums in shop floors & rough workshop environments

Heavy duty 3 mm (11 gauge) steel sheet construction with premium powder coated finish

Design incorporates wide steel cross bases for full braces support

**Overall Height**  
6-1/2" (165 mm)

Holds drums of diameter 23" (584 mm)

- Available in 2 choices**
- a. **With Phenolic Castors**  
3" (75 mm) dia. x 1-1/4" (32 mm) wide
  - b. **With Cast Iron Castors**  
3" (75 mm) dia. x 1-3/8" (35 mm) wide



**BDL-140**



**BDL-140S**

**ORDERING INFORMATION**

CAT NR.	ORD NR.	CASTORS	LOAD BEARING CAPACITY		BOX QTY.
			(KG)	(LBS)	
*BDL/140	44379	Phenolic	400	900	2
*BDL/140S	44373	Cast Iron	545	1200	2

\* Best Seller

**217**

**4 Wheel Drum Dolly Heavy Duty**

**BDL-141**

Specially designed extra heavy duty drum dolly to prevent tipping while moving, mounting & removing the drum

Heavy duty 3 mm (11 gauge) steel sheet construction in premium powder coated finish

Design incorporates wide steel cross bases for full braces support

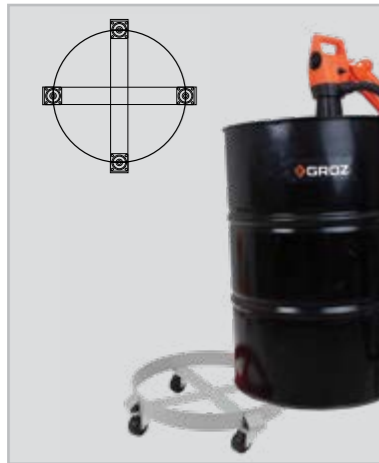
Bolted castor design with 4 heavy duty Polyolefin Castors 3" (76 mm) dia. x 1-1/4" (32 mm) wide

Castor fitted onto the rim/edge of the dolly provide higher stability and balance when compared to conventional drum dollies

Suitable for convenient movement of drums in shop floors & rough workshop environments

**Overall Height**  
6-1/2" (165 mm)

**NEW!**



Castors fitted on the edge of the rim for better balance

**ORDERING INFORMATION**

CAT NR.	ORD NR.	LOAD BEARING CAPACITY		DRUM DIA.		FOR USE WITH	BOX QTY.
		(KG)	(LBS)	(INCH)	(MM)		
BDL/30E/4/GY11	48011	450	1000	19	482	110 litre (30 gallon) drum	2
BDL/55E/4/GY11	48012	450	1000	23	584	205 litre (55 gallon) drum	2

**218**

**5 Wheel Drum Dolly Heavy Duty**

**BDL-151**

Heavy duty drum dolly designed to prevent tipping while moving, mounting & removing drums

**Overall Height**  
6-1/2" (165 mm)

**NEW!**

3 mm (11 gauge) steel sheet construction with premium powder coated finish

5 cross braces with castors for full support & improved load capacity

Castors fitted onto the rim/edge of the dolly providing greater stability and balance

Holds drums of diameter 23" (584 mm)

Suitable for convenient movement of **205 litre (55 gallon) drums** in shop floors & rough workshop environments



**ORDERING INFORMATION**

CAT NR.	ORD NR.	CASTORS	CASTORS	LOAD BEARING CAPACITY		BOX QTY.
				(KG)	(LBS)	
BDL/55E/5/GY11	48013	Polyolefin	3" (75 mm) dia. x 1-1/4" (32 mm) wide	567	1250	2
BDL/55E/5S/GY11	48014	Cast Iron	3" (75 mm) dia. x 1-1/4" (32 mm) wide	635	1400	2

**219**

**8 Wheel Drum Dolly**

**BDL-180**

**Most stable drum dolly!**

**Overall Height**  
7-13/16" (198 mm)

**NEW!**

Specially designed with 8 wheels/ castors offering highest balance

Heavy duty 3 mm (11 gauge) steel sheet construction with powder coating

Design incorporates 2 wide steel cross braces for full support

Removable wheels/ castors fitted on rim using bolts for higher stability

Holds drums of diameter 24" (610 mm)

Suitable for convenient mounting & moving **205 litre (55 gallon) drums** in shop floors & rough workshop environment



**ORDERING INFORMATION**

CAT NR.	ORD NR.	CASTORS	CASTORS	LOAD BEARING CAPACITY		BOX QTY.
				(KG)	(LBS)	
BDL/55E/8	48010	Nylon	4" (101 mm) dia. x 1-1/4" (32 mm) wide	910	2000	2

## 220 Band Dollies

BDL-105	BDL-120	BDL-120S
BDL-60	BDL-130	BDL-130S

Heavy Duty Drum Dollies

Welded 3 mm (11 gauge) steel sheet construction with premium powder coated finish

Design incorporates strong steel braces

Adjustable clamping bolt design allows the dolly to be adjusted easily for varying barrel/ pail diameters

Removable castors with a choice of phenolic or cast iron castors 2-13/32" (61 mm) dia. x 27/32" (21 mm) wide for use in rough workshop environment



### VARIANTS

	BDL-105	BDL-120	BDL-120S
CASTORS	4 Phenolic Castors	4 Phenolic Castors	4 Cast Iron Castors
DRUM DIA	10-1/4" to 11-9/32" (260 to 287 mm)	13-1/2" to 14-1/4" (343 to 362 mm)	13-1/2" to 14-1/4" (343 to 362 mm)
SUITABLE FOR PAILS OF	25-50 lbs. / 20 kg / 5 gal. pails	120 lbs. / 50 kg / 16 gal. pails	120 lbs. / 50 kg / 16 gal. pails
	BDL-60	BDL-130	BDL-130S
CASTORS	4 Phenolic Wheel Castors	5 Phenolic Castors	5 Cast Iron Castors
DRUM DIA	15" to 15-3/4" (381 to 400 mm)	18" to 19" (457 to 482 mm)	18" to 19" (457 to 482 mm)
SUITABLE FOR PAILS OF	60 kg pails	30 gal. containers	30 gal. containers

### ORDERING INFORMATION

CAT NR.	ORD NR.	LOAD BEARING CAPACITY		BOX QTY.
		(KG)	(LBS)	
BDL/105	44369	90	200	10
*BDL/120	44371	90	200	8
*BDL/120S	44372	136	300	8
BDL/60	44398	90	200	6
BDL/130	44356	114	250	5
BDL/130S	44357	170	374	5

\* Best Seller

## 221 Drum Cart Heavy Duty

CART

Tough built carts for convenient movement of drums in workshops and industrial environments

Manufactured from heavy gauge thick steel sheet in premium powder coated finish

Upto 3" (75 mm) ground clearance for smooth movement over uneven surfaces, a common feature in workshop environments

10" dia front wheels.

### VARIANTS

- a. Pneumatic (Air filled) wheels
- b. Phenolic wheels

5" nylon rear castors with toe lock for high safety & stability

Heavy duty, adjustable metallic chain secures drum to the cart and prevents any accidental tipping off during movement

Unit comes flat packed in knocked down condition for ease of transport

### Available in 2 Variants

	CART/120P	CART/400P
	<b>Cart</b>	<b>Cart with rear base for mounting hose reel</b>
SUITABLE FOR	FOR 50 KG / 60 LITRE / 120 LB. PAILS	FOR 180 KG / 205 LITRE / 55 GAL. / 400 LB. DRUMS
STEEL SHEET THICKNESS	1/4" (6.35 MM)	1/2" (12 MM)
GROUND CLEARANCE	3" (75 MM)	2" (50 MM)
MAX LOAD CAPACITY	175 KG (385 LBS)	350 KG (770 LBS)
HOLD DRUMS	DIA. UPTO 18" (450 MM)	DIA. UPTO 25-5/8" (650 MM)

### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	SUITABLE FOR	BOX QTY.
PNEUMATIC WHEELS		PHENOLIC WHEELS			
CART/120P	44436	CART/120	44435	For 50 kg / 60 litre / 120 lb. pails	1
CART/400P	44438	CART/400	44437	For 180 kg / 205 litre / 55 gal. / 400 lb. drums	1

NEW!



CART/400P



CART/400P

Cart for safe movement of drums or complete dispensing systems with hose reel & pneumatic pump (Sold as cart only)



# 222 Drum Trolleys Heavy Duty

TRL-50  
TRL-180H

Rugged build with outstanding features make these trolley ideal for use in workshops & industrial floors for transfer of large drums & buckets

Manufactured from heavy gauge 4 mm thick steel sheet for increased strength & durability

3" (75 mm) ground clearance for smooth movement over uneven surfaces in workshop environment

6" (150 mm) wide polyurethane front wheels with nylon rim for reduced wear & tear

Heavy duty rear castors with toe locks for higher safety & stability

**Available in 2 sizes**

- a. Trolley for 50 kg / 120 lb. drums
- b. Trolley for 180 kg / 210 litre / 55 gal. drums. Can be used just as a trolley for safe movement of oil drums or a complete dispensing system with hose reel & pneumatic pump



Drum clamping attachment



Clamps for holding pump when not in use

Plate for mounting a hose reel

Cup for secure holding of pump inlet & collecting dripping oil

Heavy Duty 4 mm thick steel sheet

6" (150 mm) polyurethane wheels with nylon rim

Removable handle used for moving the trolley



Removable handle used as a drum loader



Removable handle used as a drum wrench



Lock position



Un-lock position



Heavy Duty castors with toe lock

**ORDERING INFORMATION**

CAT NR.	ORD NR.	SUITABLE FOR	BOX QTY.
TRL/50	44430	50 kg / 120 lb. drums	1
TRL/180H	44431	180 kg / 55 gal. / 205 litre drums	1



Trolley being used as a dispensing system with Ratio Pump & Hose Reel installed

TRL/50	TRL/180H
Trolley for 50 kg / 120 lb. drums	Trolley for 180 kg / 55 gal. / 205 litre drums

# 223 Drum Cradles

DRC-133

DRC-135

DRC-137

Tilting Drum Cradle  
Tips, rotates, moves & stores  
400 lbs. / 180kg / 205 litre / 55 gal. drums

Large 2-1/2" (63 mm) non-sparking wheels make it suitable for use in flammable environments

Fully powder coated finish

Equipped with self storing lever bar

Maximum load 600 lbs. / 273 kgs

Unit comes flat packed in semi-knocked down condition for ease of transport



### VARIANTS

	DRC-133	DRC-135	DRC-137
TYPE	Movable	Movable	Stationary
WHEELS	2 Rigid & 2 Swivel	4 Rigid	Without wheels
AXLE	Yes	Yes	No

### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
DRC/133	44367	3
* DRC/135	44374	3
DRC/137	44375	3

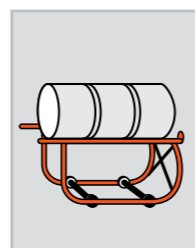
\* Best Seller



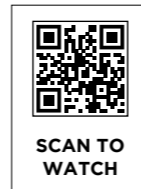
Just Tip



Tilt



Drain



# 224 Drum Trolley Low Profile

TRL-55

Low Profile Drum Trolley

Drum platform only 1/2" (12 mm) off the floor, facilitating easy loading & unloading

Extra heavy duty construction, from 5 mm (6 gauge) steel sheet, with a loading capacity of 545 kgs (1200 lbs)

Fully powder coated finish

Removable pivoting handle includes drum tipper for easy loading

2 large Phenolic front wheels 5-3/4" dia. (146 mm) x 1-7/8" (47 mm) wide & one back phenolic swivel wheel 3" (75 mm) dia. x 1-3/8" (35 mm) wide

Trolley can accommodate drums up to a dia. of 26" (660 mm)

Unit comes flat packed in semi-knocked down condition for ease of transport



### ORDERING INFORMATION

CAT NR.	ORD NR.	SUITABLE FOR	BOX QTY.
TRL/55	44396	205 litre (55 gal.) drums	1

# 225 Drum Trolley Adjustable

TRL-60

A choice of 2 easy to use drum trolleys with adjustable mechanism

Suitable for use with 25-50 lbs. / 5 gal. / 20 litre drums to larger drums upto 120 lbs / 16 gal. / 60 litre capacity

Ideal for transporting oil / grease barrels, as well as installing air operated pump assemblies

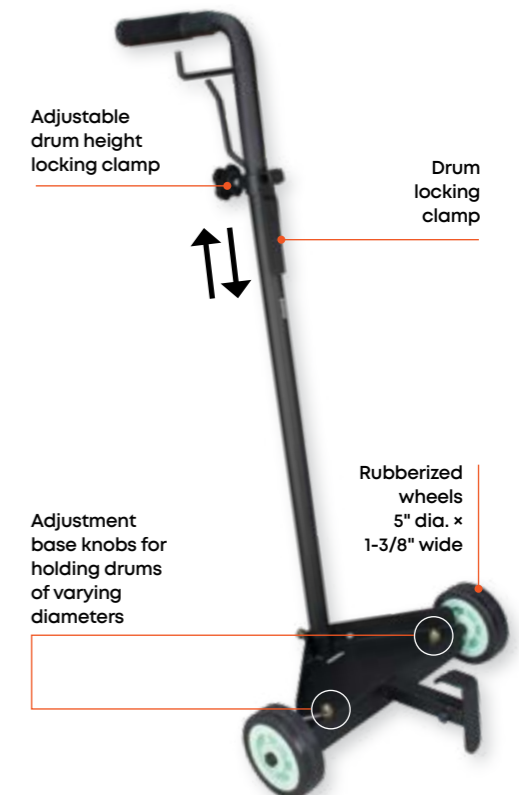
Steel construction with premium powder coated finish

Heavy duty wheels for use in rigorous workshop environment

Unit comes flat packed in semi-knocked down condition for ease of transport

### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
TRL/60	44377	4



## 226 Drum Bung Converters

A range of drum bung converters for use on different types of drums & IBC's

### Available in 3 types

#### a. Tri-Sure Adaptor

2" Fine Male threads found on Most pumps / drum bungs to 2" Male threads for use on drums with female Tri Sure threads

#### b. Mauser Adaptor

2" Fine Male threads found on Most pumps / drum bungs to 2" Male threads for use on drums with female Mauser threads (popular on many IBC's / Totes)

#### c. Coarse Thread Adaptor

2" Fine Male threads found on Most pumps / drum bungs to 2" Male coarse threads for use on plastic drums with coarse female threads



BUNG/P/TS

BUNG/P/MS



BUNG/P/2B

### ORDERING INFORMATION

CAT NR.	ORD. NR.	THREADS	BOX QTY.
BUNG/P/TS	44166	2" (F) to Tri Sure adapter	50
◆ BUNG/P/MS	44128	2" (F) to Mauser adapter	50
BUNG/P/2B	44386	2" (F) to Coarse thread adapter	50

◆ New

## 227 Drum Wrench

DRW

An easy & convenient tool to open almost all types of drums

Manufactured from cast aluminum (LM25), hardened & tempered for increased strength

Ends of the wrench are designed to fit perfectly onto most 2" & 3/4" drum plugs

Compact design for easy storage



Non Sparking



For opening hex plugs



For opening 2" drum plugs



For opening 3/4" drum plugs



### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
* DRW/AL-01	44385	100

\* Best Seller

## 228 Drum Faucets / Taps With Bucket Hangar

FAU

Polyethylene construction

### Available in 2 sizes

- For 3/4" openings &
- For 2" threaded openings on 210 litre / 55 gal. drums

Facilitate convenient dispensing of media under gravity flow with the drum laid horizontally

2" faucet comes with a sight glass port for mounting of sight glass to check fluid level



Sight glass port

2" (M) thread

"Built-in" bucket hangar

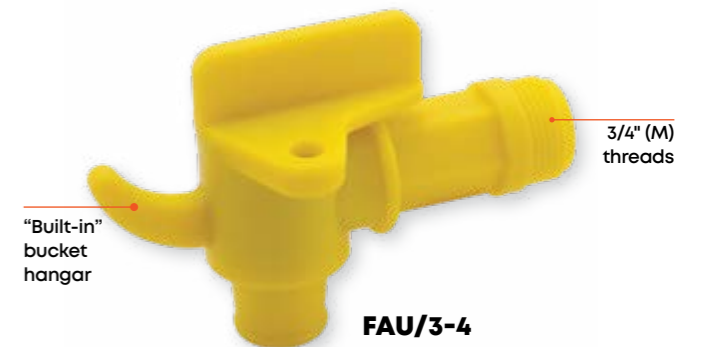
FAU/0-2



Can be pad locked



Sight glass (not included) shows level of oil left in the drum



3/4" (M) threads

"Built-in" bucket hangar

FAU/3-4

### ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
FAU/3-4	44387	For 3/4" openings	25
FAU/0-2	44420	For 2" openings	10
LI/FAU	44421	Sight glass for drum faucet 2"	1



SCAN TO WATCH

**229**

**Drum Faucets / Taps**

Polyethylene construction

**Available in two sizes:**

- 3/4" size.** For use on 3/4" opening on drums
- 2" size.** For use on 2" opening on drums. Comes with 3 EPDM sealing gaskets - thin, medium and thick. Faucet can be adjusted to dispensing positions without thread damage or leakage

Provision to pad lock

Can be used on plastic and metallic drums in industrial and commercial establishments

**RECOMMENDED USE**

Non-corrosive fluids, lightweight oils, mild chemicals, water, water based fluids, detergents etc.

**FAU/50**



**FAU/25**



**ORDERING INFORMATION**

CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
FAU/25	45050	For 3/4" openings	25
FAU/50	45051	For 2" openings	10

**230**

**Drum Faucet / Tap Food Grade**

Manufactured from food grade approved polyethylene

Fits the 3/4" opening on drums.

Recommended for use on non-flammable liquids and chemicals to dispense liquids via gravity

**NEW!**



**ORDERING INFORMATION**

CAT NR.	ORD NR.	BOX QTY.
FAU/25CL	45052	25

**231**

**Drum Level Indicators**

**DLI**

An easy & cost effective means to check level of fluid remaining in a drum / tank

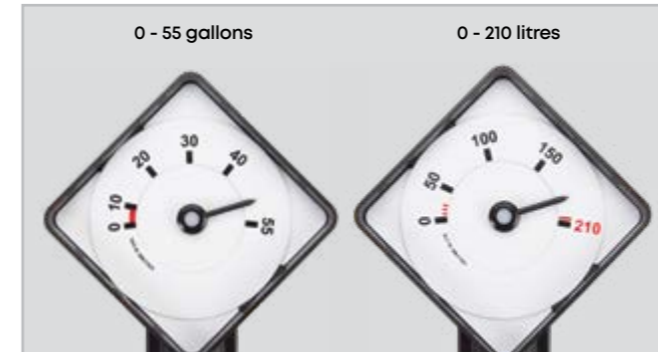
Fits on the small 3/4" hole on drums leaving the 2" opening free for installing pumps

Planetary gear mechanism float connected with a string moves down as the liquid level goes down in the drum.

Float is partially filled with water & changing the amount of water allows for the same unit to be used with liquids of different viscosities

Commonly used on oil & fuel drums, the float has a polyethylene construction which allows it to be used with a wide range of liquids including water, coolants etc.

**Available in both litre & gallon versions**

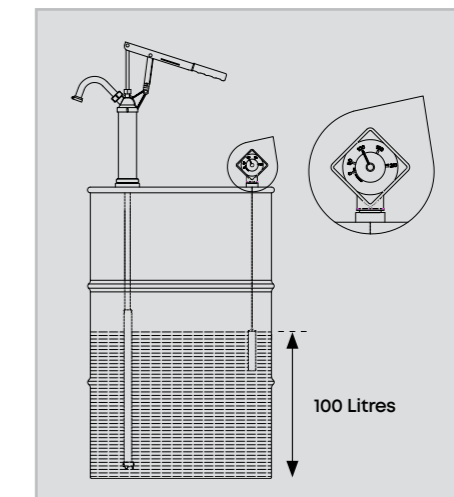


**NOTE**

This is not a precise measuring device. Gauge is only to give an approximate / indicative level of liquid in the drum to know when to arrange for a new drum

**ORDERING INFORMATION**

CAT NR.	ORD NR.	SCALE	BOX QTY.
DLI/3-4/N	48001	Litres	36
DLI/3-4G/N	48003	Gallons	36





**VII** AIR HANDLING

**232** Air Regulators

AR



Regulators are used to maintain a steady outlet pressure, unaffected by variations or fluctuations in the inlet pressure

Regulators step down the air line pressure & can be set at any desired pressure below the inlet air pressure

Aluminum die cast, these are designed with a non raising "Press to Lock" adjusting knob for locking at any set pressure

Regulators work on a diaphragm operated, relieving type mechanism with pressure compensated by balanced poppet

Can be installed in any position & need not be vertically mounted

**WETTED COMPONENTS**

Aluminum, Brass, Steel, Acetal, Stainless Steel & Nitrile

**SPECIFICATIONS**

MAX. PRESSURE	220 PSI	15 BAR
AMBIENT TEMPERATURE	0°C TO 60°C	32°F TO 140°F
PRESSURE ADJUSTMENT RANGE	7-145 PSI	0.5-10 BAR

**NOTE**

Also available Tamper Proof Regulators which are set at one non adjustable outlet pressure

**ORDERING INFORMATION**

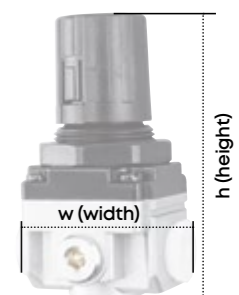
CAT NR.	ORD NR.	CAT NR.	ORD NR.	DESCRIPTION	PORT SIZE (INCH)	FLOW RATE (MAX)**		PRESSURE GAUGE PORT (INCH)	HEIGHT		WIDTH		BOX QTY.
						CFM	LPM		(INCH)	(MM)	(INCH)	(MM)	
R13604	60000	R13904	60050	Miniature	1/8	17	480	1/8	3.19	81	1.57	40	150
*R13614	60001	R13914	60051	Miniature	1/4	21	600	1/8	3.19	81	1.57	40	150
R14614	60002	R14914	60052	Intermediate	1/4	56	1600	1/8	5.31	135	2.16	55	40
R14624	60003	R14924	60053	Intermediate	3/8	88	2500	1/8	5.31	135	2.16	55	40
*R15634	60004	R15934	60054	Standard	1/2	140	4000	1/8	6.50	165	2.75	70	40
R17644	60005	R17944	60055	Heavy Duty	3/4	175	5000	1/4	6.97	177	3.54	90	20
R17654	60006	R17954	60056	Heavy Duty	1	210	6000	1/4	6.97	177	3.54	90	20

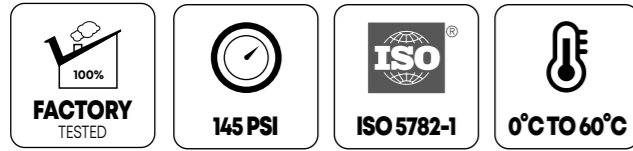
\* Best Seller \*\*Inlet Pressure 105 PSI (7 BAR), Supply Pressure 90 PSI (6 BAR) and Pressure Drop 17 PSI (1 BAR)



**OPTIONAL CONFIGURATION**  
Custom options for the following pressure adjustment ranges:

- 3 - 28 PSI (0.2 - 2 BAR)
- 3 - 58 PSI ( 0.2 - 4 BAR)
- 8 - 100 PSI (0.5 - 7 BAR)





Air Filters are used to separate dust, dirt, moisture & other contaminants from compressed air

Die Cast aluminum filter head, polycarbonate bowl with a steel bowl guard & high performance sintered bronze filtering element

Press type semi-automatic drain with 'night-time' feature: automatically drains off the bowl once compressed air supply to filter is switched off

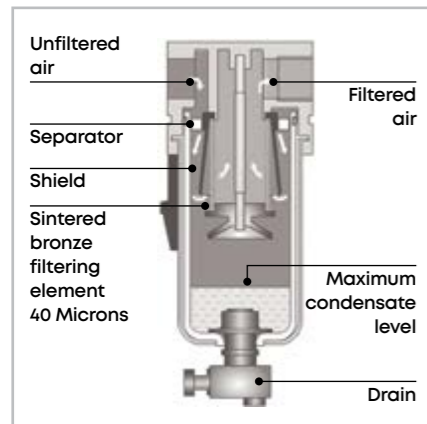
Designed with a separator & shield for efficient moisture separation

**WETTED COMPONENTS**

Aluminum, Bronze, Steel, Acetal, Polycarbonate, Stainless Steel & Nitrile

**SPECIFICATIONS**

MAX. PRESSURE	145 PSI	10 BAR
AMBIENT TEMPERATURE	0°C TO 60°C	32°F TO 140°F

**INTERNALS**

**WARNING**

Polycarbonate bowls may get damaged and possibly fail if exposed to synthetic Oils, Thinner, Solvents, Trichloroethylene, Kerosene or other aromatic hydrocarbons


**OPTIONAL CONFIGURATION**

Custom options for filtering element:

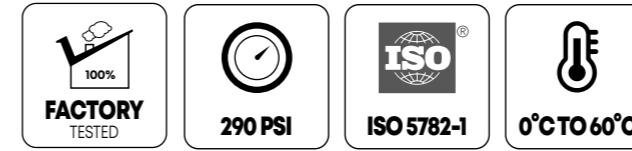
- 5 Micron
- 25 Micron
- 50 Micron
- 100 Micron

Drain type options include auto drain


**ORDERING INFORMATION**

CAT NR.	ORD. NR.	CAT NR.	ORD. NR.	DESCRIPTION	PORT SIZE		FLOW RATE (MAX)**		BOWL SIZE		HEIGHT (h)		WIDTH (w)		BOX QTY.
					(INCH)	(MM)	CFM	LPM	(OZ.)	(ML)	(INCH)	(MM)	(INCH)	(MM)	
F13603-S	60100	F13903-S	60150	Miniature	1/8		11	310	0.3	9	4.45	113	1.57	40	100
* F13613-S	60101	F13913-S	60151	Miniature	1/4		28	800	0.3	9	4.45	113	1.57	40	100
F14613-S	60102	F14913-S	60152	Intermediate	1/4		49	1400	1.08	32	5.51	140	2.16	55	60
F14623-S	60103	F14923-S	60153	Intermediate	3/8		80	2250	1.08	32	5.51	140	2.16	55	60
* F15633-S	60104	F15933-S	60154	Standard	1/2		125	3500	1.5	44	6.77	172	2.75	70	30
F17643-S	60105	F17943-S	60155	Heavy Duty	3/4		175	5000	5.6	165	10.24	260	3.54	90	20
F17653-S	60106	F17953-S	60156	Heavy Duty	1		230	6500	5.6	165	10.24	260	3.54	90	20

\* Best Seller \*\* Inlet Pressure 90 PSI (6 BAR) and Pressure Drop 4.5 PSI (0.3 BAR)



Air Filters are used to separate dust, dirt, moisture & other contaminants from compressed air.

Die cast aluminum filter head & bowl with a high performance sintered bronze filtering element.

Designed with a Separator & Shield for efficient moisture separation.

Press type Semi-Automatic Drain with 'Night-time' feature: automatically drains off the bowl once compressed air supply to filter is switched off

Metal Bowl makes these good for use in Chemical plants, Paint shops, pharmaceutical plants, foundries etc. where ambient air may contain chemicals, such as acetone, benzene, kerosene, gasoline, carbon tetrachloride, ethylene dichloride, toluene etc.

These are also recommended for high pressure applications and for use with air compressor systems using fire resistant lubricants.

**WETTED COMPONENTS:**

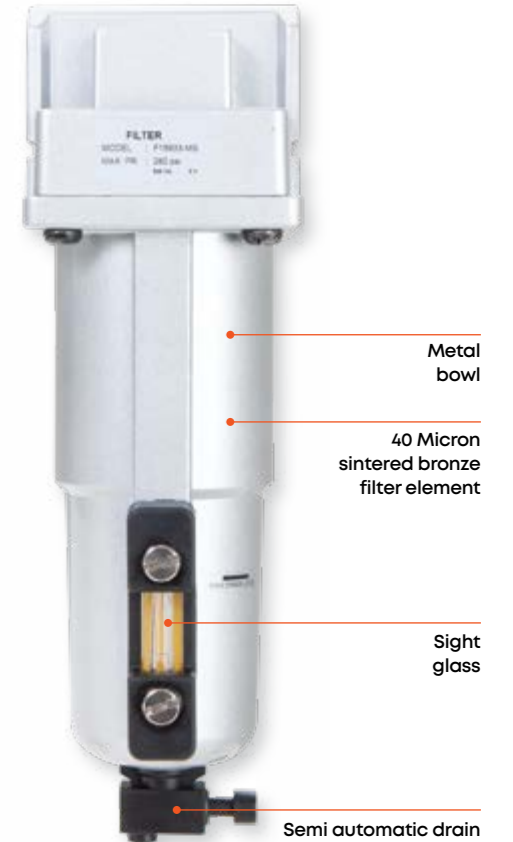
Aluminum, Bronze, Steel, Stainless Steel & Nitrile

**SPECIFICATIONS**

MAX. PRESSURE	290 PSI	20 BAR
AMBIENT TEMPERATURE	0°C TO 60°C	32°F TO 140°F

**ORDERING INFORMATION**

CAT NR.	ORD. NR.	CAT NR.	ORD. NR.	DESCRIPTION	PORT SIZE		FLOW RATE (MAX)		BOWL SIZE		HEIGHT (h)		WIDTH (w)		BOX QTY
					(INCH)	(MM)	CFM	LPM	(OZ.)	(ML)	(INCH)	(MM)	(INCH)	(MM)	
F13613-MS	60130	F13913-MS	60180	Miniature	1/4		28	800	0.3	9	4.53	115	1.57	40	60
F14613-MS	60129	F14913-MS	60185	Intermediate	1/4		49	1400	2.17	64	7.4	188	2.16	55	60
F14623-MS	60131	F14923-MS	60181	Intermediate	3/8		80	2250	2.17	64	7.4	188	2.16	55	60
F15633-MS	60132	F15933-MS	60182	Standard	1/2		125	3500	3.0	90	8.82	224	2.75	70	30
F17643-MS	60133	F17943-MS	60183	Heavy Duty	3/4		175	5000	5.6	165	10.43	265	3.54	90	20
F17653-MS	60134	F17953-MS	60184	Heavy Duty	1		230	6500	5.6	165	10.43	265	3.54	90	20





Coalescing Filters, also referred to as Mist Separators are used to remove sub micronic oil, water droplets and solid contaminants from compressed air.

These are used for efficient filtration of compressed air (99.99%), removing fine oil particles and droplets of sizes upto 0.01 microns.

Used primarily in chemical plants, food processing, paint shops, air gauging & other precision pneumatic systems

Die cast aluminum filter head, polycarbonate bowl with a steel bowl guard & high performance Borosilicate filtering element.

Designed with a Separator for efficient moisture separation

**Available in 2 configurations**

- a. Compressed air filtered upto 0.10 microns
- b. Compressed air filtered upto 0.01 microns

**WETTED COMPONENTS**

Aluminum, Borosilicate, Steel, Acetal, Polycarbonate, Stainless Steel & Nitrile



Borosilicate Coalescing Filter Element

**SPECIFICATIONS**

MAX. PRESSURE	145 PSI	10 BAR
AMBIENT TEMPERATURE	5°C TO 50°C	41°F TO 122°F

**WARNING**

- Polycarbonate bowls may get damaged and possibly fail if exposed to synthetic oils, thinner, solvents, trichloroethylene, kerosene or other aromatic hydrocarbons
- Coalescing Filters must be installed after a standard Air Filter with 5 micron filter element

**ORDERING INFORMATION**

CAT NR.	ORD. NR.	CAT NR.	ORD. NR.	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)**		BOWL SIZE		HEIGHT (h)		WIDTH (w)		BOX QTY.
						(INCH)	CFM	LPM	(OZ.)	(ML)	(INCH)	(MM)	(INCH)	
<b>COALESCING AIR FILTERS (0.10 MICRONS)</b>														
FS13603-S	60800	FS13903-S	60850	Miniature	1/8	11	300	0.3	9	4.45	113	1.57	40	100
FS13613-S	60801	FS13913-S	60851	Miniature	1/4	25	700	0.3	9	4.45	113	1.57	40	100
FS14613-S	60802	FS14913-S	60852	Intermediate	1/4	43	1200	1.08	32	5.51	140	2.16	55	60
FS14623-S	60803	FS14923-S	60853	Intermediate	3/8	57	1600	1.08	32	5.51	140	2.16	55	60
FS15633-S	60804	FS15933-S	60854	Standard	1/2	124	3500	1.5	44	6.77	172	2.75	70	30
<b>COALESCING AIR FILTERS (0.01 MICRONS)</b>														
FS13602-S	60820	FS13902-S	60870	Miniature	1/8	7	200	0.3	9	4.45	113	1.57	40	100
FS13612-S	60821	FS13912-S	60871	Miniature	1/4	11	300	0.3	9	4.45	113	1.57	40	100
FS14612-S	60822	FS14912-S	60872	Intermediate	1/4	28	800	1.08	32	5.51	140	2.16	55	60
FS14622-S	60823	FS14922-S	60873	Intermediate	3/8	32	900	1.08	32	5.51	140	2.16	55	60
FS15632-S	60824	FS15932-S	60874	Standard	1/2	48	1350	1.5	44	6.77	172	2.75	70	30
FS17642-S*	60825	FS17942-S	60875	Heavy Duty	3/4	71	2000	5.6	165	10.24	260	3.54	90	20
FS17652-S*	60826	FS17952-S	60876	Heavy Duty	1	78	2200	5.6	165	10.24	260	3.54	90	20

\*Max. Pressure Limited to 8 BAR (116 PSI)

\*\*Inlet Pressure 90 PSI (6 BAR) & Pressure Drop 4.5 PSI (0.3 BAR)



## 236 Air Lubricators

AL



Air Lubricators are used to feed lubricants to pneumatic equipment.

These maintain a constant oil-to-air density over a wide range of flow.

The Groz L1 series Lubricators are Fog/Micro-mist type, upto 50' pipe runs

Die Cast Aluminum Head, polycarbonate bowl with a steel bowl guard. Head is fitted with Oil drop indicator, Oil drop controller & Oil filling plug

### WETTED COMPONENTS

Aluminum, Bronze, Steel, Acetal, Polycarbonate, Stainless Steel & Nitrile

### Note

Designed for best performance with 32 grade oil

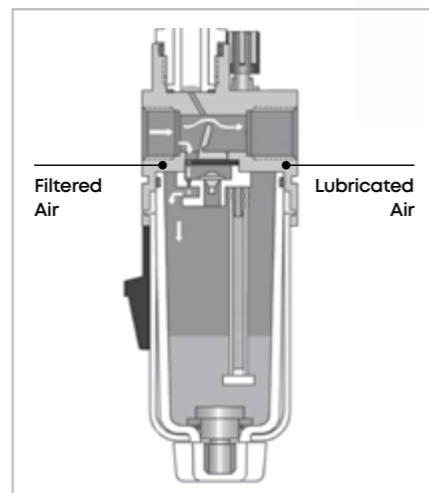
### SPECIFICATIONS

MAX. PRESSURE	145 PSI	10 BAR
AMBIENT TEMPERATURE	0°C TO 60°C	32°F TO 140°F

### WARNING

Polycarbonate bowls may get damaged and possibly fail if exposed to synthetic oils, thinner, solvents, trichloroethylene, kerosene or other aromatic hydrocarbons

### INTERNALS



### ORDERING INFORMATION

CAT NR.	ORD. NR.	CAT NR.	ORD. NR.	DESCRIPTION	PORT SIZE		FLOW RATE (MAX)**		BOWL SIZE		HEIGHT (h)		WIDTH (w)		BOX QTY.
					(INCH)	(MM)	(CFM)	(LPM)	(OZ.)	(ML)	(INCH)	(MM)	(INCH)	(MM)	
L1360	60200	L1390	60250	Miniature	1/8		16	450	0.68	20	5.31	135	1.57	40	100
*L1361	60201	L1391	60251	Miniature	1/4		48	1350	0.68	20	5.31	135	1.57	40	100
L1461	60206	L1491	60256	Intermediate	1/4		58	1650	1.98	57	6.18	157	2.16	55	60
L1462	60202	L1492	60252	Intermediate	3/8		106	3000	1.98	57	6.18	157	2.16	55	60
*L1563	60203	L1593	60253	Standard	1/2		200	5650	5.13	152	7.48	190	2.75	70	30
L1764	60204	L1794	60254	Heavy Duty	3/4		255	7200	6.8	200	10.75	273	3.54	90	20
L1765	60205	L1795	60255	Heavy Duty	1		318	9000	6.8	200	10.75	273	3.54	90	20

\* Best Seller \*\*Inlet Pressure 90 PSI (6 BAR) & Pressure Drop 7.5 PSI (0.5 BAR)

## 237 Air Lubricators Metal Bowl

AL-M



Air Lubricators are used to feed lubricants to pneumatic equipment.

These maintain a constant oil-to-air density over a wide range of flow.

The Groz L1-M series Lubricators are Fog/Micro Mist type, upto 50' pipe runs

Die cast aluminum head & bowl. Head is fitted with oil drop indicator, Oil drop controller & oil filling plug

Metal Bowl makes them good for use in Chemical Plants, Paint Shops, Pharmaceutical Plants, Foundries etc. where ambient air may contain chemicals, such as acetone, benzene, kerosene, gasoline, carbon tetrachloride, ethylene dichloride, toluene etc.

These are also recommended for high pressure applications and for use with air compressor systems using fire resistant lubricants

### WETTED COMPONENTS

Aluminum, Bronze, Steel, Stainless Steel & Nitrile

### Note

Designed for best performance with 32 grade oil

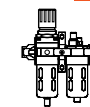
### SPECIFICATIONS

MAX. PRESSURE	290 PSI	20 BAR
AMBIENT TEMPERATURE	0°C TO 60°C	32°F TO 140°F

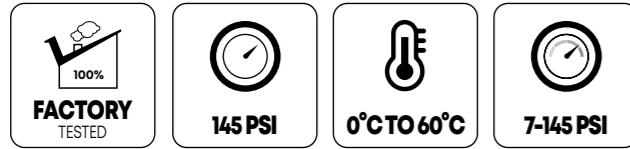
### ORDERING INFORMATION

CAT NR.	ORD. NR.	CAT NR.	ORD. NR.	DESCRIPTION	PORT SIZE		FLOW RATE (MAX)**		BOWL SIZE		HEIGHT (h)		WIDTH (w)		BOX QTY.
					(INCH)	(MM)	(CFM)	(LPM)	(OZ.)	(ML)	(INCH)	(MM)	(INCH)	(MM)	
L1361-M	60230	L1391-M	60280	Miniature	1/4		48	1350	0.68	20	5.31	135	1.57	40	100
L1461-M	60235	L1491-M	60285	Intermediate	1/4		58	1650	3.38	100	8.07	205	2.16	55	60
L1462-M	60231	L1492-M	60281	Intermediate	3/8		106	3000	3.38	100	8.07	205	2.16	55	60
L1563-M	60232	L1593-M	60282	Standard	1/2		200	5650	6.8	200	9.45	240	2.75	70	30
L1764-M	60233	L1794-M	60283	Heavy Duty	3/4		255	7200	6.8	200	11	280	3.54	90	20
L1765-M	60234	L1795-M	60284	Heavy Duty	1		318	9000	6.8	200	11	280	3.54	90	20

\*\*Inlet Pressure 90 PSI (6 BAR) & Pressure Drop 7.5 PSI (0.5 BAR)







The Filter-Regulator Combination is one of the most popular air preparation units. Air filter & regulator are assembled together to form a single unit

**Air Filter** is used to separate dust, dirt, moisture & other contaminants from compressed air

Die cast aluminum body, polycarbonate bowl with a steel bowl guard & a high performance sintered bronze filtering element

Press type Semi-Automatic Drain with 'Night-time' feature: automatically drains off the bowl once compressed air supply to filter is switched off

Designed with a separator & shield for efficient moisture separation.

It is combined with a regulator which maintains a steady outlet pressure, unaffected by variations/fluctuations in the inlet pressure

**Regulators** have a non raising "press to lock" adjusting knob for locking at any set pressure. Regulators work on a diaphragm operated, relieving type mechanism with pressure compensated by balanced poppet

**WETTED COMPONENTS**

Aluminum, Bronze, Brass, Steel, Acetal, Polycarbonate, Stainless Steel & Nitrile

**ORDERING INFORMATION**

CAT NR.	ORD NR.	CAT NR.	ORD NR.	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)**		BOWL SIZE		HEIGHT (h)		WIDTH (w)		BOX QTY.
					(INCH)	(CFM)	(LPM)	(OZ.)	(ML)	(INCH)	(MM)	(INCH)	(MM)	
FRC136034-S	60300	FRC139034-S	60350	Miniature	1/8	14	400	0.3	9	6.69	170	1.57	40	60
*FRC136134-S	60301	FRC139134-S	60351	Miniature	1/4	20	550	0.3	9	6.69	170	1.57	40	60
FRC146134-S	60302	FRC149134-S	60352	Intermediate	1/4	63	1800	1.08	32	8.66	220	2.17	55	40
FRC146234-S	60303	FRC149234-S	60353	Intermediate	3/8	77	2200	1.08	32	8.66	220	2.17	55	40
*FRC156334-S	60304	FRC159334-S	60354	Standard	1/2	106	3000	1.5	44	11.02	280	2.76	70	20
FRC176434-S*	60305	FRC179434-S*	60355	Heavy Duty	3/4	149	4250	5.6	165	14.6	370	3.54	90	10
FRC176534-S*	60306	FRC179534-S*	60356	Heavy Duty	1	193	5500	5.6	165	14.6	370	3.54	90	10

\* Best Seller

\*\*Pressure gauge port is 1/4" - on all others it is 1/8"

\*\*Inlet Pressure 105 PSI (7 BAR). Set Pressure 90 PSI (6 BAR). Pressure Drop 17 PSI (1 BAR)


**OPTIONAL CONFIGURATION**

Custom built include the following pressure adjustment ranges:

- 3 - 28 PSI (0.2 - 2 BAR)
- 3 - 58 PSI (0.2 - 4 BAR)
- 8 - 100 PSI (0.5 - 7 BAR)

Custom options for filtering element:

- 5 Micron
- 25 Micron
- 50 Micron
- 100 Micron

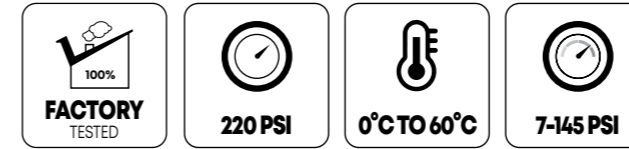
Drain type options include an auto drain

**SPECIFICATIONS**

MAX. PRESSURE	145 PSI	10 BAR
AMBIENT TEMPERATURE	0°C TO 60°C	32°F TO 140°F
PRESSURE ADJUSTMENT RANGE	7-145 PSI	0.5-10 BAR


**WARNING**

Polycarbonate bowls may get damaged and possibly fail if exposed to Synthetic Oils, Thinner, Solvents, Trichloroethylene, Kerosene or other aromatic hydrocarbons



The Filter-Regulator Combination is one of the most popular Air Preparation units. Air Filter & Regulator are assembled together to form a single unit.

**Air Filter** is used to separate dust, dirt, moisture & other contaminants from compressed air.

Filter has a die cast aluminium body & bowl fitted with a high performance sintered bronze filtering element

Metal Bowl makes these good for use in Chemical Plants, Paint Shops, Pharmaceutical Plants, Foundry etc. Where ambient air may contain chemicals such as Acetone, Benzene, Kerosene, Gasoline, Carbon Tetrachloride, Ethylene Dichloride, Toluene etc.

Also recommended for high pressure applications and for use with air compressor systems using fire resistant lubricants

**Regulators** have a Non Raising "Press to Lock" adjusting knob for locking at any set pressure. Regulators work on a Diaphragm operated, relieving type mechanism with pressure compensated by balanced poppet

**WETTED COMPONENTS**

Aluminum, Bronze, Steel, Acetal, Brass, Stainless Steel & Nitrile

**OPTIONAL CONFIGURATION**

Custom built include the following pressure adjustment ranges:

- 3 - 28 PSI (0.2 - 2 BAR)
- 3 - 58 PSI (0.2 - 4 BAR)
- 8 - 100 PSI (0.5 - 7 BAR)

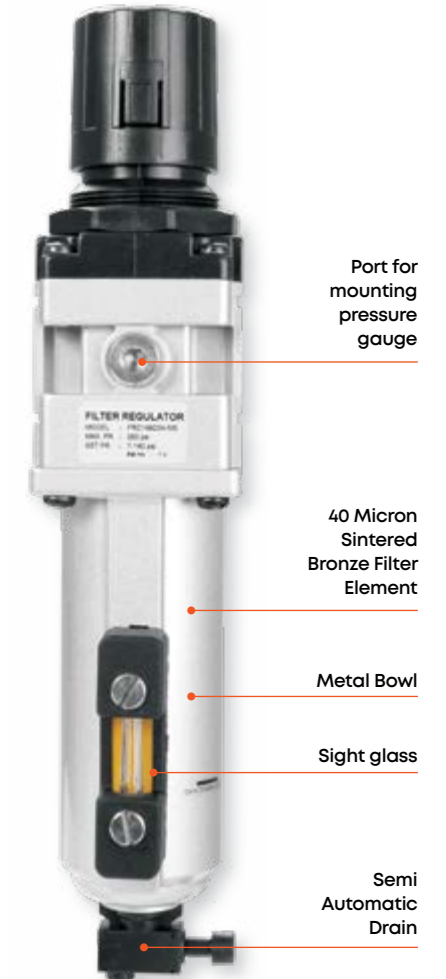
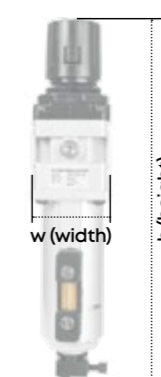
Custom options for filtering element:

- 5 Micron
- 25 Micron
- 50 Micron
- 100 Micron

Drain type options include an auto drain

**SPECIFICATIONS**

MAX. PRESSURE	145 PSI	10 BAR
AMBIENT TEMPERATURE	0°C TO 60°C	32°F TO 140°F
PRESSURE ADJUSTMENT RANGE	7-145 PSI	0.5-10 BAR

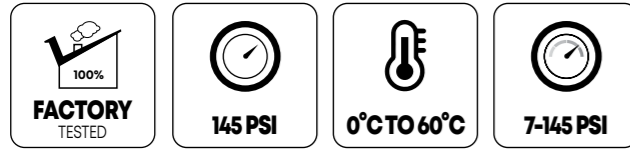

**ORDERING INFORMATION**

CAT NR.	ORD. NR.	CAT NR.	ORD. NR.	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)**		BOWL SIZE		HEIGHT (h)		WIDTH (w)		BOX QTY.
					(INCH)	(CFM)	(LPM)	(OZ.)	(ML)	(INCH)	(MM)	(INCH)	(MM)	
FRC136134-MS	60330	FRC139134-MS	60380	Miniature	1/4	20	550	0.3	9	6.77	172	1.57	40	40
FRC146134-MS	60329	FRC149134-MS	60379	Intermediate	1/4	63	1800	2.17	64	10.43	265	2.17	55	40
FRC146234-MS	60331	FRC149234-MS	60381	Intermediate	3/8	77	2200	2.17	64	10.43	265	2.17	55	40
FRC156334-MS	60332	FRC159334-MS	60382	Standard	1/2	106	3000	3.0	90	13	330	2.76	70	15
FRC176434-MS*	60333	FRC179434-MS*	60383	Heavy Duty	3/4	149	4280	5.6	165	14.6	370	3.54	90	10
FRC176534-MS*	60334	FRC179534-MS*	60384	Heavy Duty	1	193	5500	5.6	165	14.6	370	3.54	90	10

\*Pressure gauge port is 1/4" - on all others it is 1/8"

\*\*Inlet Pressure 105 PSI (7 BAR). Set Pressure 90 PSI (6 BAR). Pressure Drop 17 PSI (1 BAR)





Space saving 2 pc Modular Filter-Regulator Combination & Lubricator is by far the most popular Air Preparation unit.

The Filter-Regular Combination & Lubricator are attached in series

Available in 2 types

**1. Modular Series**

Complete with piping adaptors and wall mounting bracket. Piping adaptors make individual components easily removable/mountable without disturbing the pipeline

**2. Compact Series**

Complete with wall mounting bracket but without piping adaptors

**Air Filter** is used to separate dust, dirt, moisture & other contaminants from compressed air. Filter has a Die Cast Aluminum body, polycarbonate bowl with a steel bowl guard & a high performance Sintered Bronze Filtering element. Filter is designed with a Separator & shield for efficient moisture separation.

**Regulators** maintain a steady outlet pressure, unaffected by variations/ fluctuations in the inlet pressure. Regulators have a Non Raising "Press to Lock" adjusting knob for locking at any set pressure. Regulators work on a Diaphragm operated, relieving type mechanism with pressure compensated by balanced poppet

**Air Lubricators** are used to feed lubricants to pneumatic equipments. These maintain a constant oil-to-air density over a wide range of flow. Lubricators are Fog/MicroMist type, upto 50' pipe runs. Designed for best performance with 32 grade oil. These have a Die Cast Aluminum Head, polycarbonate bowl with a steel bowl guard. The head is fitted with Oil drop indicator, Oil drop controller & Oil filling plug

**WETTED COMPONENTS**

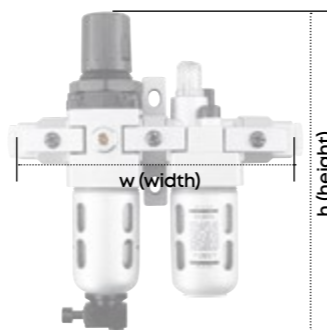
Aluminum, Bronze, Brass, Steel, Acetal, Polycarbonate, Stainless Steel & Nitrile

**OPTIONAL CONFIGURATION**

Custom built include the following pressure adjustment ranges:  
3 - 28 PSI (0.2 - 2 BAR)  
3 - 58 PSI (0.2 - 4 BAR)  
8 - 100 PSI (0.5 - 7 BAR)

Custom options for filtering element:  
5 Micron  
25 Micron  
50 Micron  
100 Micron

Drain type options include an auto drain



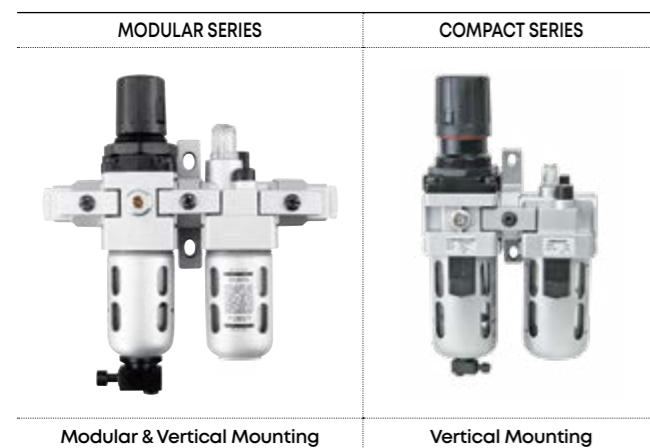
**WARNING**

Polycarbonate bowls may get damaged and possibly fail if exposed to Synthetic Oils, Thinner, Solvents, Trichloroethylene, Kerosene or other aromatic hydrocarbons

**SPECIFICATIONS**

MAX. PRESSURE	145 PSI	10 BAR
AMBIENT TEMPERATURE	0°C TO 60°C	32°F TO 140°F
PRESSURE ADJUSTMENT RANGE	7-145 PSI	0.5-10 BAR

**VARIANTS**

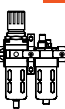


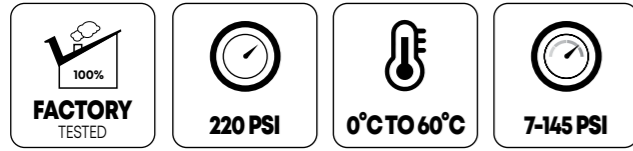
**ORDERING INFORMATION**

CAT NR.	ORD. NR.	CAT NR.	ORD. NR.	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)**		PRESSURE GAUGE PORT SIZE	BOWL SIZE (FILTER)		BOWL SIZE (LUBRICATOR)		HEIGHT (h)		WIDTH (w)		BOX QTY.			
BSP THREADS				NPT THREADS				(INCH)	(CFM)	(LPM)	(INCH)	(OZ.)	(ML)	(OZ.)	(ML)	(INCH)	(MM)	(INCH)	(MM)	
<b>MODULAR SERIES</b>																				
★	FRCLM136134-S	60400	FRCLM139134-S	60450	Miniature	1/4	18	500	1/8	0.3	9	0.68	20	6.69	170	5.75	146	40		
	FRCLM146134-S	60420	FRCLM149134-S	60470	Intermediate	1/4	53	1500	1/8	1.08	32	1.93	57	8.66	220	7.17	182	20		
	FRCLM146234-S	60401	FRCLM149234-S	60451	Intermediate	3/8	63	1800	1/8	1.08	32	1.93	57	8.66	220	7.17	182	20		
★	FRCLM156334-S	60402	FRCLM159334-S	60452	Standard	1/2	99	2800	1/8	1.5	44	5.17	152	11.02	280	8.66	220	10		
	FRCLM176434-S	60403	FRCLM179434-S	60453	Heavy Duty	3/4	123	3500	1/4	5.6	165	6.80	200	14.6	370	10.63	270	4		
	FRCLM176534-S	60404	FRCLM179534-S	60454	Heavy Duty	1	140	4000	1/4	5.6	165	6.80	200	14.6	370	10.63	270	4		
<b>COMPACT SERIES</b>																				
◆	★	FRCLM136134-S/W	60900	FRCLM139134-S/W	60905	Miniature	1/4	18	500	1/8	0.3	9	0.68	20	6.69	170	3.62	92	40	
◆		FRCLM146134-S/W	60901	FRCLM149134-S/W	60906	Intermediate	1/4	53	1500	1/8	1.08	32	1.93	57	8.66	220	4.88	124	20	
◆		FRCLM146234-S/W	60902	FRCLM149234-S/W	60907	Intermediate	3/8	63	1800	1/8	1.08	32	1.93	57	8.66	220	4.88	124	20	
◆	★	FRCLM156334-S/W	60903	FRCLM159334-S/W	60908	Standard	1/2	99	2800	1/8	1.5	44	5.17	152	11.02	280	6.14	156	10	
◆		FRCLM176434-S/W	60904	FRCLM179434-S/W	60909	Heavy Duty	3/4	123	3500	1/4	5.6	165	6.80	200	14.6	370	7.8	200	4	
◆		FRCLM176534-S/W	60911	FRCLM179534-S/W	60910	Heavy Duty	1	140	4000	1/4	5.6	165	6.80	200	14.6	370	7.8	200	4	

★ Best Seller ◆ New

\*\*Inlet Pressure 105 PSI (7 BAR). Set Pressure 90 PSI (6 BAR). Pressure Drop 17 PSI (1 BAR)





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**1. Modular Series**

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Complete with wall mounting bracket but without piping adaptors

**Air Filter** is used to separate dust, dirt, moisture & other contaminants from compressed air. Filter has a Die Cast Aluminum body, polycarbonate bowl with a steel bowl guard & a high performance Sintered Bronze Filtering element. Filter is designed with a Separator & shield for efficient moisture separation.

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**Air Lubricators** are used to feed lubricants to pneumatic equipments. These maintain a constant oil-to-air density over a wide range of flow. Lubricators are Fog/MicroMist type, upto 50' pipe runs. Designed for best performance with 32 grade oil

Metal Bowl makes these good for use in Chemical Plants, Paint Shops, Pharmaceutical Plants, Foundry etc. Where ambient air may contain chemicals such as Acetone, Benzene, Kerosene, Gasoline, Carbon Tetrachloride, Ethylene Dichloride, Toluene etc.

**WETTED COMPONENTS**

Aluminum, Bronze, Brass, Steel, Acetal, Stainless Steel & Nitrile

**OPTIONAL CONFIGURATION**

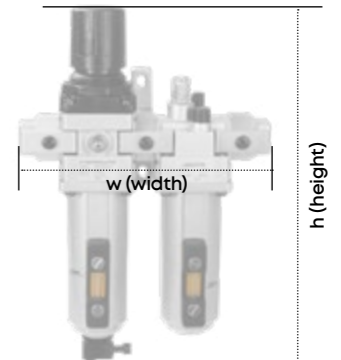
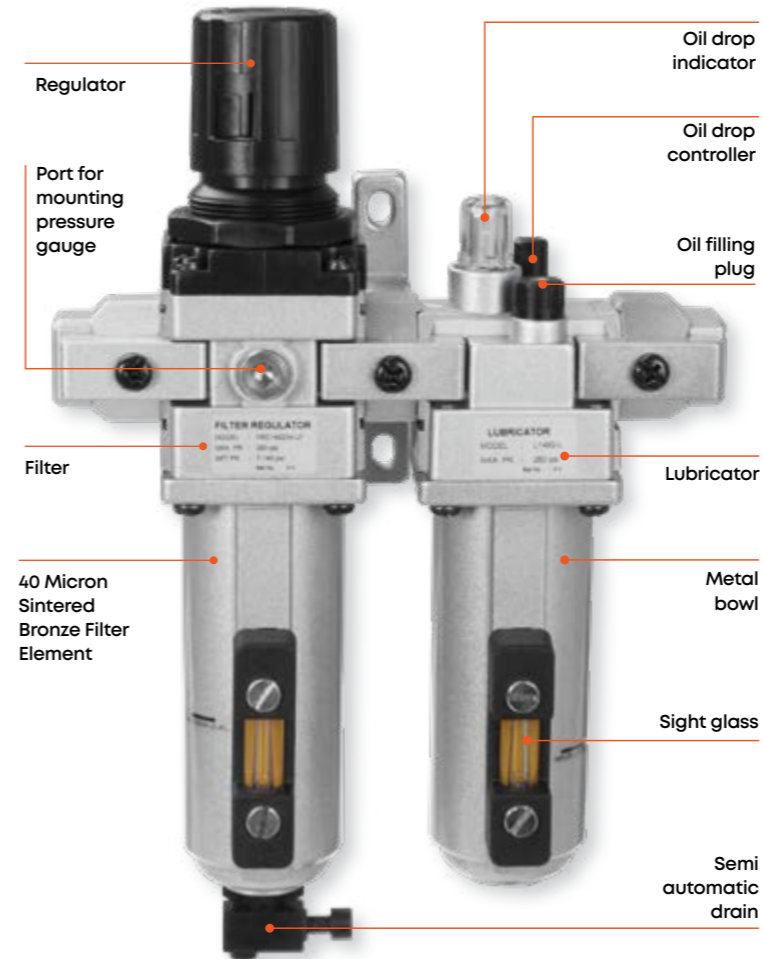
Custom built include the following pressure adjustment ranges:  
 3 - 28 PSI (0.2 - 2 BAR)  
 3 - 58 PSI (0.2 - 4 BAR)  
 8 - 100 PSI (0.5 - 7 BAR)

Custom options for filtering element:  
 5 Micron  
 25 Micron  
 50 Micron  
 100 Micron

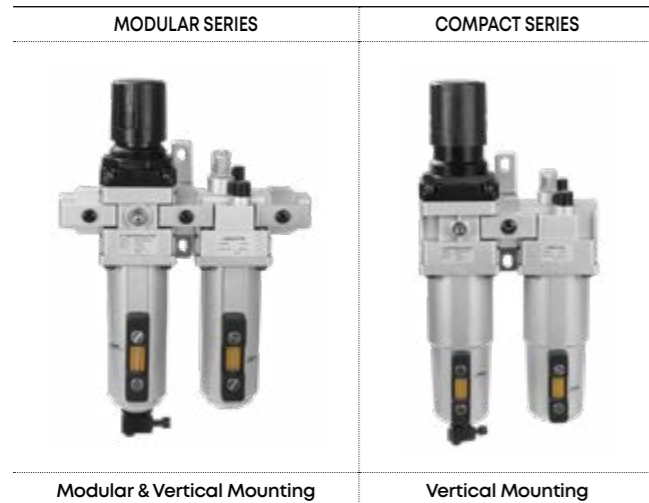
Drain type options include an auto drain

**SPECIFICATIONS**

<b>MAX. PRESSURE</b>	220 PSI	15 BAR
<b>AMBIENT TEMPERATURE</b>	0°C TO 60°C	32°F TO 140°F
<b>PRESSURE ADJUSTMENT RANGE</b>	7-145 PSI	0.5-10 BAR



**VARIANTS**



**ORDERING INFORMATION**

CAT NR.	ORD. NR.	CAT NR.	ORD. NR.	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)**		PRESSURE GAUGE PORT SIZE	BOWL SIZE (FILTER)		BOWL SIZE (LUBRICATOR)		HEIGHT (h)		WIDTH (w)		BOX QTY		
						(INCH)	(CFM)		(LPM)	(INCH)	(OZ.)	(ML)	(OZ.)	(ML)	(INCH)	(MM)		(INCH)	(MM)
<b>BSP THREADS</b>		<b>NPT THREADS</b>																	
<b>MODULAR SERIES</b>																			
★	FRCLM136134-MS	60430	FRCLM139134-MS	60480	Miniature	1/4	18	500	1/8	0.3	9	0.68	20	6.69	170	5.75	146	30	
	FRCLM146134-MS	60429	FRCLM149134-MS	60479	Intermediate	1/4	53	1500	1/8	2.15	64	3.38	100	10.43	265	7.17	182	10	
	FRCLM146234-MS	60431	FRCLM149234-MS	60481	Intermediate	3/8	63	1800	1/8	2.15	64	3.38	100	10.43	265	7.17	182	10	
★	FRCLM156334-MS	60432	FRCLM159334-MS	60482	Standard	1/2	99	2800	1/8	3.0	90	6.8	200	13	330	8.66	220	10	
	FRCLM176434-MS	60433	FRCLM179434-MS	60483	Heavy Duty	3/4	123	3500	1/4	5.6	165	6.8	200	14.5	370	10.63	270	4	
	FRCLM176534-MS	60434	FRCLM179534-MS	60484	Heavy Duty	1	140	4000	1/4	5.6	165	6.8	200	14.5	370	10.63	270	4	
<b>COMPACT SERIES</b>																			
◆	★	FRCLM136134-MS/W	60830	FRCLM139134-MS/W	60840	Miniature	1/4	18	500	1/8	0.3	9	0.68	20	6.69	170	3.62	92	30
◆		FRCLM146134-MS/W	60831	FRCLM149134-MS/W	60841	Intermediate	1/4	53	1500	1/8	2.15	64	3.38	100	10.43	265	4.88	124	10
◆		FRCLM146234-MS/W	60832	FRCLM149234-MS/W	60842	Intermediate	3/8	63	1800	1/8	2.15	64	3.38	100	10.43	265	4.88	124	10
◆	★	FRCLM156334-MS/W	60833	FRCLM159334-MS/W	60843	Standard	1/2	99	2800	1/8	3.0	90	6.8	200	13	330	6.14	156	10
◆		FRCLM176434-MS/W	60834	FRCLM179434-MS/W	60844	Heavy Duty	3/4	123	3500	1/4	5.6	165	6.8	200	14.5	370	7.8	200	4
◆		FRCLM176534-MS/W	60835	FRCLM179534-MS/W	60845	Heavy Duty	1	140	4000	1/4	5.6	165	6.8	200	14.5	370	7.8	200	4

★ Best Seller ◆ New

\*\*Inlet Pressure 105 PSI (7 BAR). Set Pressure 90 PSI (6 BAR). Pressure Drop 17 PSI (1 BAR)





The Filter-Regulator-Lubricator is a 3 pc assembly of all 3 individual components. The 3 components are attached in series using spacers. Comes complete with wall mounting bracket

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#### WETTED COMPONENTS

Aluminum, Bronze, Brass, Steel, Acetal, Polycarbonate, Stainless Steel & Nitrile

#### OPTIONAL CONFIGURATION

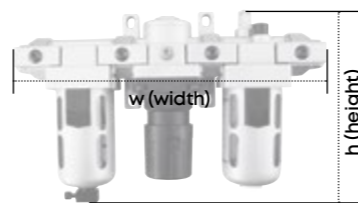
Custom built include the following pressure adjustment ranges:

- 3 - 28 PSI (0.2 - 2 BAR)
- 3 - 58 PSI (0.2 - 4 BAR)
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Custom options for filtering element:

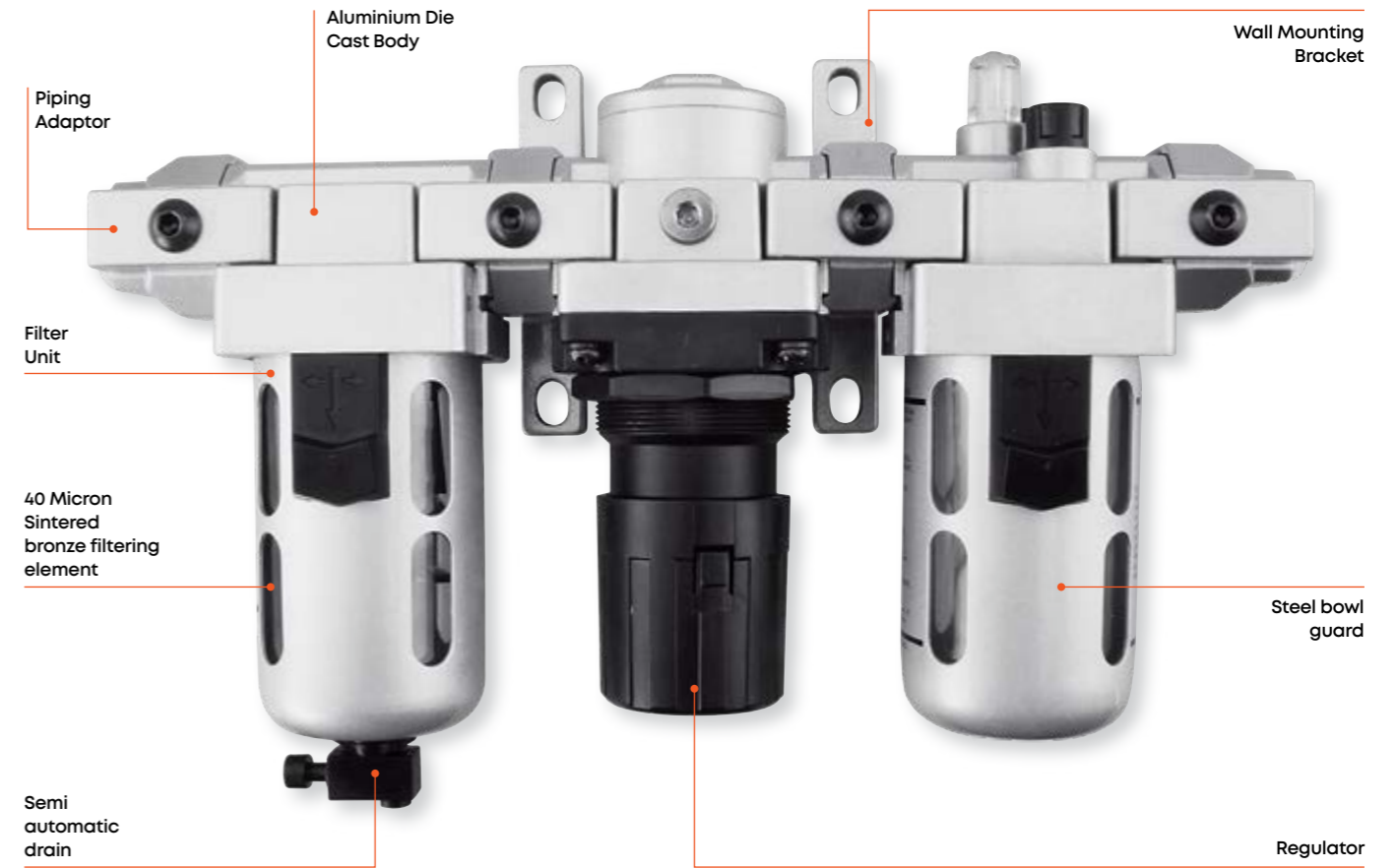
- 5 Micron
- 25 Micron
- 50 Micron
- 100 Micron

Drain type options include an auto drain



#### WARNING

Polycarbonate bowls may get damaged and possibly fail if exposed to Synthetic Oils, Thinner, Solvents, Trichloroethylene, Kerosene or other aromatic hydrocarbons



#### SPECIFICATIONS

MAX. PRESSURE	145 PSI	10 BAR
AMBIENT TEMPERATURE	0°C TO 60°C	32°F TO 140°F
PRESSURE ADJUSTMENT RANGE	7-145 PSI	0.5-10 BAR

#### VARIANTS

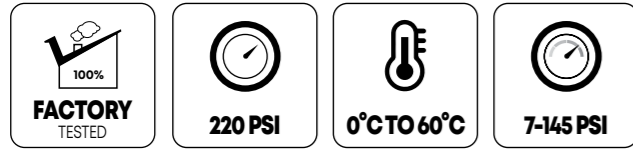


#### ORDERING INFORMATION

CAT NR.	ORD. NR.	CAT NR.	ORD. NR.	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)**		PRESSURE GAUGE PORT SIZE	BOWL SIZE (FILTER)		BOWL SIZE (LUBRICATOR)		HEIGHT (h)		WIDTH (w)		BOX QTY.	
						(INCH)	(CFM)		(LPM)	(INCH)	(OZ.)	(ML)	(OZ.)	(ML)	(INCH)	(MM)		(INCH)
				BSP THREADS					NPT THREADS									
<b>MODULAR SERIES</b>																		
★	FRLM136134-S	60500	FRLM139134-S	60550	Miniature	1/4	18	500	1/8	0.3	9	0.68	20	6.69	170	7.87	200	30
★	FRLM146134-S	60520	FRLM149134-S	60570	Intermediate	1/4	53	1500	1/8	1.08	32	1.93	57	8.66	220	9.84	250	15
★	FRLM146234-S	60501	FRLM149234-S	60551	Intermediate	3/8	63	1800	1/8	1.08	32	1.93	57	8.66	220	9.84	250	15
★	FRLM156334-S	60502	FRLM159334-S	60552	Standard	1/2	99	2800	1/8	1.5	44	5.17	152	11.02	280	12.00	305	10
★	FRLM176434-S	60503	FRLM179434-S	60553	Heavy Duty	3/4	123	3500	1/4	5.6	165	6.8	200	14.6	370	14.6	370	5
★	FRLM176534-S	60504	FRLM179534-S	60554	Heavy Duty	1	140	4000	1/4	5.6	165	6.8	200	14.6	370	14.6	370	5
<b>COMPACT SERIES</b>																		
◆	★ FRLM136134-S/W	60521	FRLM139134-S/W	60571	Miniature	1/4	18	500	1/8	0.3	9	0.68	20	6.69	170	5.7	146	30
◆	FRLM146134-S/W	60522	FRLM149134-S/W	60572	Intermediate	1/4	53	1500	1/8	1.08	32	1.93	57	8.66	220	7.5	192	15
◆	FRLM146234-S/W	60523	FRLM149234-S/W	60573	Intermediate	3/8	63	1800	1/8	1.08	32	1.93	57	8.66	220	7.5	192	15
◆	★ FRLM156334-S/W	60524	FRLM159334-S/W	60574	Standard	1/2	99	2800	1/8	1.5	44	5.17	152	11.02	280	9.48	241	10
◆	FRLM176434-S/W	60525	FRLM179434-S/W	60575	Heavy Duty	3/4	123	3500	1/4	5.6	165	6.8	200	14.6	370	11.8	300	5
◆	FRLM176534-S/W	60526	FRLM179534-S/W	60576	Heavy Duty	1	140	4000	1/4	5.6	165	6.8	200	14.6	370	11.8	300	5

★ Best Seller ◆ New

\*\*Inlet Pressure 105 PSI (7 BAR). Set Pressure 90 PSI (6 BAR). Pressure Drop 17 PSI (1 BAR)



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Metal Bowl makes them good for use in Chemical plants, Paint shops, pharmaceutical plants, foundry etc. where ambient air may contain chemicals, such as acetone, benzene, kerosene, gasoline, carbon tetrachloride, ethylene dichloride, toluene etc. These are also recommended for high pressure applications and for use with air compressor systems using fire resistant lubricants

#### WETTED COMPONENTS

Aluminum, Bronze, Brass, Steel, Acetal, Stainless Steel & Nitrile

#### OPTIONAL CONFIGURATION

Custom built include the following pressure adjustment ranges:

- 3 - 28 PSI (0.2 - 2 BAR)
- 3 - 58 PSI (0.2 - 4 BAR)
- 8 - 100 PSI (0.5 - 7 BAR)

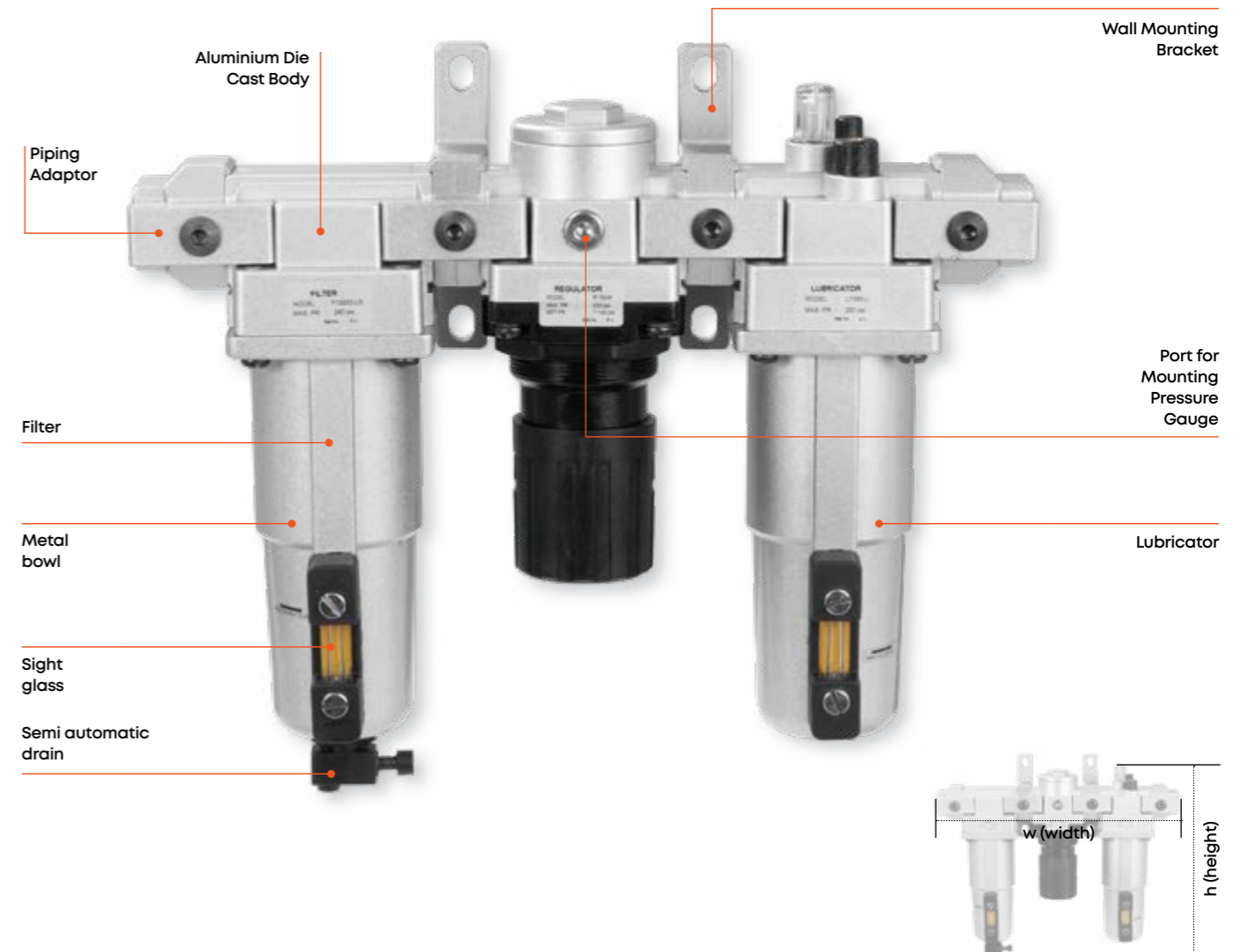
Custom options for filtering element:

- 5 Micron
- 25 Micron
- 50 Micron
- 100 Micron

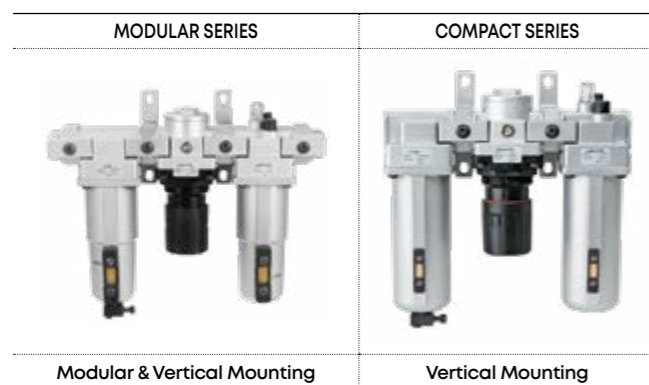
Drain type options include an auto drain

#### SPECIFICATIONS

MAX. PRESSURE	220 PSI	15 BAR
AMBIENT TEMPERATURE	0°C TO 60°C	32°F TO 140°F
PRESSURE ADJUSTMENT RANGE	7-145 PSI	0.5-10 BAR



#### VARIANTS

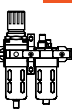


#### ORDERING INFORMATION

CAT NR.	ORD. NR.	CAT NR.	ORD. NR.	DESCRIPTION	PORT SIZE		FLOW RATE (MAX)**		PRESSURE GAUGE PORT SIZE		BOWL SIZE (FILTER)		BOWL SIZE (LUBRICATOR)		HEIGHT (h)		WIDTH (w)		BOX QTY.
					(INCH)	(CFM)	(LPM)	(INCH)	(OZ.)	(ML)	(OZ.)	(ML)	(INCH)	(MM)	(INCH)	(MM)			
					BSP THREADS					NPT THREADS									
<b>MODULAR SERIES</b>																			
★	FRLM136134-MS	60530	FRLM139134-MS	60580	Miniature	1/4	18	500	1/8	0.30	9	0.68	20	6.69	170	7.87	200	30	
	FRLM146134-MS	60529	FRLM149134-MS	60579	Intermediate	1/4	46	1300	1/8	2.15	64	3.38	100	10.43	265	9.84	250	15	
	FRLM146234-MS	60531	FRLM149234-MS	60581	Intermediate	3/8	71	2000	1/8	2.15	64	3.38	100	10.43	265	9.84	250	15	
★	FRLM156334-MS	60532	FRLM159334-MS	60582	Standard	1/2	106	3000	1/8	3.0	90	6.8	200	13.0	330	12.00	305	10	
	FRLM176434-MS	60533	FRLM179434-MS	60583	Heavy Duty	3/4	123	3500	1/4	5.6	165	6.8	200	14.6	370	14.6	370	5	
	FRLM176534-MS	60534	FRLM179534-MS	60584	Heavy Duty	1	175	5000	1/4	5.6	165	6.8	200	14.6	370	14.6	370	5	
<b>COMPACT SERIES</b>																			
◆	★	FRLM136134-MS/W	60860	FRLM139134-MS/W	60880	Miniature	1/4	18	500	1/8	0.30	9	0.68	20	6.69	170	5.7	146	30
◆		FRLM146134-MS/W	60861	FRLM149134-MS/W	60881	Intermediate	1/4	46	1300	1/8	2.15	64	3.38	100	10.43	265	7.5	192	15
◆		FRLM146234-MS/W	60862	FRLM149234-MS/W	60882	Intermediate	3/8	71	2000	1/8	2.15	64	3.38	100	10.43	265	7.5	192	15
◆	★	FRLM156334-MS/W	60863	FRLM159334-MS/W	60883	Standard	1/2	106	3000	1/8	3.0	90	6.8	200	13.0	330	9.48	241	10
◆		FRLM176434-MS/W	60864	FRLM179434-MS/W	60884	Heavy Duty	3/4	123	3500	1/4	5.6	165	6.8	200	14.6	370	11.8	300	5
◆		FRLM176534-MS/W	60865	FRLM179534-MS/W	60885	Heavy Duty	1	175	5000	1/4	5.6	165	6.8	200	14.6	370	11.8	300	5

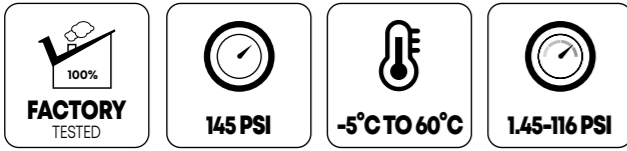
★ Best Seller ◆ New

\*\*Inlet Pressure 105 PSI (7 BAR). Set Pressure 90 PSI (6 BAR). Pressure Drop 17 PSI (1 BAR)



# 244 Precision Regulators

PR



Precision Regulators are designed to provide a precise & constant pressure output from a fluctuating supply pressure. Suited for any process that requires very precise regulation of air pressure, these are sensitive to within 0.2% of Full Span with a repeatability of within +/-0.50% of full span. Precision Regulators are Diaphragm operated with a relieving type Exhaust.

**STANDARD CONFIGURATION**  
Pressure Adjustment Range of 1.45 – 116 PSI (0.1 to 8 BAR)

**OPTIONAL CONFIGURATION**  
Custom built include the following Pressure Adjustment Ranges  
a. 0.725 - 29 PSI (0.05 to 2 BAR) - Miniature  
b. 1.45 - 29 PSI (0.1 to 2 BAR) - Standard  
c. 1.45 - 58 PSI (0.1 to 4 BAR) - Standard

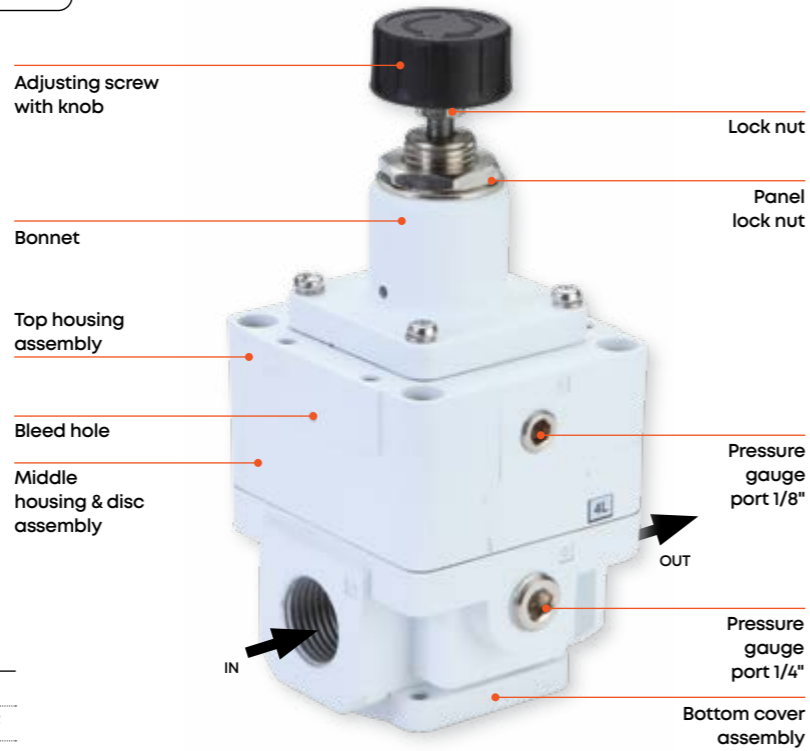
SPECIFICATIONS		
MAX. PRESSURE	220 PSI	15 BAR
AMBIENT TEMPERATURE	-5°C TO 60°C	23°F TO 140°F
PRESSURE ADJUSTMENT RANGE	1.45-116 PSI	0.1-8 BAR

### COMPARISON OF PRECISION REGULATORS WITH GENERAL PURPOSE AIR REGULATORS

PARAMETER	PRECISION REGULATOR	GENERAL PURPOSE REGULATOR
Sensitivity: Reduced pressure repeatability / variation under no-flow condition	0.5 to 1 PSI	2 to 4 PSI
Regulator's ability to control back pressure accurately	Begins to relieve at 0.5 - 2 PSI over pressure	Begins to relieve at 5 - 10 PSI over pressure
Regulator's ability to maintain set pressure under varying flow, input pressure, temperature conditions	High	Standard
Constant Bleed of small volume of air to the atmosphere to maintain stability	Yes	No

### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	DESCRIPTION	PORT SIZE	FLOW RATE	MINIMUM SUPPLY PRESSURE	PRESSURE GAUGE PORT SIZE	AIR CONSUMPTION	HEIGHT	WIDTH	BOX QTY.
BSP THREADS		NPT THREADS			(INCH)	(CFM) (LPM)	(PSI) (BAR)	(INCH)	(CFM) (LPM)	(INCH) (MM)	(INCH) (MM)	
PR13613	60040	PR13913	60090	Miniature	1/4	42 1200	Set Pressure + 7.25 Set Pressure + 0.5	1/8	0.22 6	5.16 131	2.13 54	150
PR15633	60041	PR15933	60091	Standard	1/2	265 7500	Set Pressure + 14.5 Set Pressure + 1	1/8 & 1/4	0.35 9.5	6.1 155	2.76 70	40



# 245 Safety Lockout Valves

LKV

Hand Operated Knob type 3 way valve with two positions – Supply (SUP) and Exhaust (EXH)

- The three ports are**
- Air Inlet**  
For connecting compressed air supply
  - Air Outlet**  
To connect the FRL unit
  - Air Exhaust**  
Exhausts into the atmosphere

Lockout Valves are used during maintenance and service of air operated equipment

Unlike ball valves which can just be opened or closed with no way to release the system back pressure, safety lock out valves equipped with an exhaust port provide the back pressure to exhaust into the atmosphere.

Before servicing, knob should be turned to EXH position to block compressed air supply to the FRL unit and relieve all downstream air pressure. Knob can be locked using an external padlock preventing accidental actuation during maintenance

Modular construction allows these valves to be used with Groz Air Control Units using spacers

Threaded both at the inlet and outlet

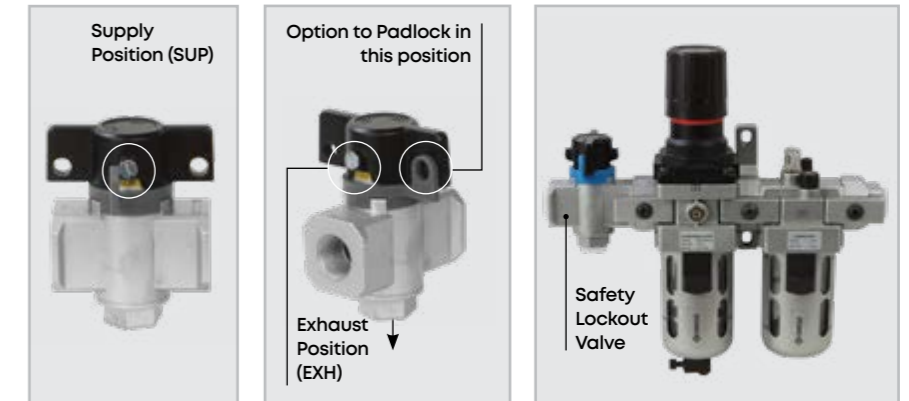
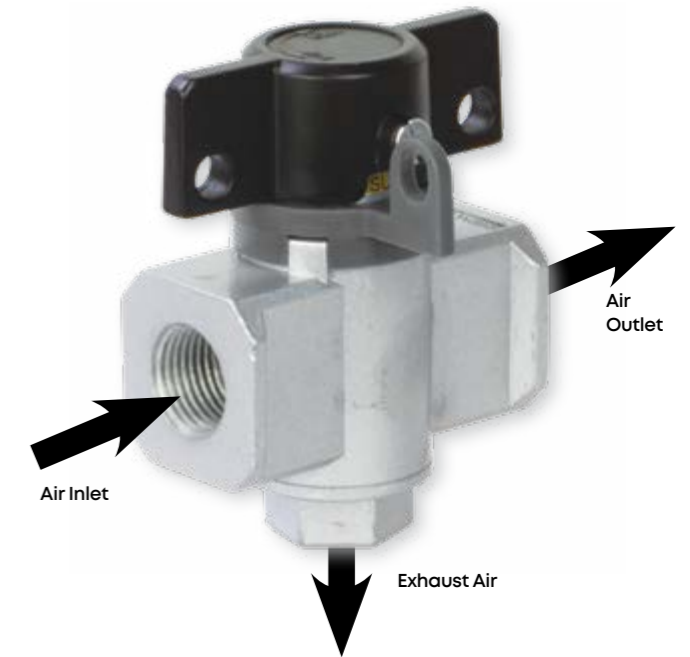
Available as valve only or as an instant connect kit comprising one each safety lock out valve and spacer

### WETTED COMPONENTS

Aluminium, Brass, Nitrile

### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	DESCRIPTION	PORT SIZE	FLOW RATE (SUP)	FLOW RATE (EXH)	HEIGHT	WIDTH
BSP		NPT			(INCH)			(INCH) (MM)	(INCH) (MM)
<b>SAFETY LOCKOUT VALVE ONLY</b>									
LKV/1361	60721	LKV/1391	60741	Miniature	1/4	1000 LPM (35 CFM)	450 LPM (16 CFM)	2.87 73	1.77 45
LKV/1462	60723	LKV/1492	60743	Intermediate	3/8	2200 LPM (78 CFM)	1100 LPM (39 CFM)	3.35 85	2.17 55
LKV/1563	60724	LKV/1593	60744	Standard	1/2	3250 LPM (115 CFM)	1600 LPM (56 CFM)	3.70 94	2.76 70
<b>SAFETY LOCKOUT VALVE &amp; SPACER KIT</b>									
LKV/1361/ST	60731	LKV/1391/ST	60751	Miniature	1/4	1000	450	2.87 73	2.47 63
LKV/1462/ST	60733	LKV/1492/ST	60753	Intermediate	3/8"	2200	1100	3.35 85	3.35 85
LKV/1563/ST	60734	LKV/1593/ST	60754	Standard	1/2"	3250	1600	3.70 94	4.00 100



### SPACER

Spacer Blocks are used to connect 2 components in modular assemblies. These are aluminum die cast & have sealing rings fitted into them on both sides. The sealing rings make a leak proof connection, without the need to have a threaded fitment



#### ORDERING INFORMATION

CAT NR.	ORD. NR.	FOR USE WITH MODEL SERIES
A2S01	60650	Miniature - F13, FS13, L13, R13, FRC13
A2S02	60651	Intermediate - F14, FS14, L14, R14, FRC14
A2S03	60652	Standard - F15, FS15, L15, R15, FRC15
A2S04	60653	Heavy Duty - F17, FS17, L17, R17, FRC17

### SPACER WITH PORT FOR AIR OUTLET

It is installed before the lubricator. This allows taking out non lubricated air where required



#### ORDERING INFORMATION

CAT NR.	ORD. NR.	FOR USE WITH MODEL SERIES
A2T01	60654	Miniature - F13, FS13, L13, R13, FRC13
A2T02	60655	Intermediate - F14, FS14, L14, R14, FRC14
A2T03	60656	Standard - F15, FS15, L15, R15, FRC15

### PIPING ADAPTERS

Air Preparation components such as Individual Regulators, Filters, Lubricators or assemblies such as Filter-Regulator Assembly or a Filter Regulator Lubricator Assembly always have an IN port & an OUT port. These ports are threaded & air pipe lines can be fitted directly into them.

However by doing so, if any component needs to be removed for maintenance, repair etc., one would need to open up the complete air line. This can be avoided by using Piping Adapters. A piping adapter has a threaded end on one side & sealing rings on the other. The adapters are fitted on both the IN port & the OUT port & the Air line would be screwed into them. The threaded end of the adapter faces the air line & the other end with the sealing ring makes the seal with the component. Piping adapter has an aluminum die cast construction



#### ORDERING INFORMATION

CAT NR.		CAT NR.		PORT SIZE	FOR USE WITH MODEL SERIES
BSP THREADS		NPT THREADS		(INCH)	
A2P11	60670	A2P15	60672	1/8	Miniature - F13, L13, R13, FRC13, FS13
A2P01	60660	A2P04	60665	1/4	Miniature - F13, L13, R13, FRC13, FS13
A2P12	60671	A2P16	60673	1/4	Intermediate - F14, L14, R14, FRC14, FS14
A2P02	60661	A2P05	60666	3/8	Intermediate - F14, L14, R14, FRC14, FS14
A2P03	60662	A2P06	60667	1/2	Standard - F15, L15, R15, FRC15, FS15
A2P07	60663	A2P09	60668	3/4	Heavy Duty - F17, L17, R17, FRC17, FS17
A2P08	60664	A2P10	60669	1	Heavy Duty - F17, L17, R17, FRC17, FS17

### WALL MOUNTING BRACKET

Wall Mounting Bracket is a special type of Spacer Block which is 'T' shaped & has holes to mount on the wall. These connect 2 components in modular assemblies & make them wall mountable. Aluminum Die Cast these have sealing rings fitted into them on both sides. The sealing rings make a leak proof connection, without the need to have a threaded fitment



#### ORDERING INFORMATION

CAT NR.	ORD. NR.	FOR USE WITH MODEL SERIES
A2W01	60640	Miniature - F13, FS13, L13, R13, FRC13
A2W02	60641	Intermediate - F14, FS14, L14, R14, FRC14
A2W03	60642	Standard - F15, FS15, L15, R15, FRC15
A2W04	60643	Heavy Duty - F17, FS17, L17, R17, FRC17

### WALL MOUNTING BRACKET WITH PORT FOR AIR OUTLET

Installed before the lubricator. This allows taking out non lubricated air where required



#### ORDERING INFORMATION

CAT NR.	ORD. NR.	FOR USE WITH MODEL SERIES
A2V01	60657	Miniature - F13, FS13, L13, R13, FRC13
A2V02	60658	Intermediate - F14, FS14, L14, R14, FRC14
A2V03	60659	Standard - F15, FS15, L15, R15, FRC15

### MOUNTING CLAMP FOR INDIVIDUAL FILTERS & LUBRICATORS

These are steel clamps in powder coated finish, used to mount individual Filters & Lubricators. Both Filter & Lubricator units have threaded holes on the head casting into which the clamp fits



#### ORDERING INFORMATION

CAT NR.	ORD. NR.	FOR USE WITH MODEL SERIES
A2C31	60610	Miniature - F13, FS13, L13
A2C32	60611	Intermediate - F14, FS14, L14
A2C33	60612	Standard - F15, FS15, L15
A2C34	60613	Heavy Duty - F17, FS17, L17



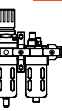
### MOUNTING CLAMP FOR REGULATORS & FILTER REGULATOR COMBINATIONS

These clamps are made out of steel in powder coated finish. The clamp has a hole into which the regulator fits in & is secured by the nut provided in the regulator itself



#### ORDERING INFORMATION

CAT NR.	ORD. NR.	FOR USE WITH MODEL SERIES
A2C01	60600	Miniature - R13, FRC13
A2C02	60601	Intermediate - R14, FRC14
A2C03	60602	Standard - R15, FRC15
A2C04	60603	Heavy Duty - R17, FRC17



## Filter Regulator & Lubricator Accessories (continued)

### PRESSURE GAUGES

For use with regulators for setting output pressure.

These are graduated both in BARS & PSI with a max. Reading of 200PSI/14 BAR.

Pressure Gauge is graduated in intervals of 5 PSI/0.20 BAR and is accurate to within 5%

These have male threads on the centre back & fit female threads on the regulator

Gauge has a steel casing with clear polycarbonate lens and internal components made from brass



#### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	PORT SIZE	FOR USE WITH FRL SERIES
BSPT THREADS		NPT THREADS		(INCH)	
A2G02	60630	A2G05	60635	1/8	Miniature, Intermediate & Standard
A2G08	60631	A2G14	60636	1/4	Heavy Duty

### DIGITAL AIR PRESSURE GAUGES

For use with Air Regulators for setting air output pressure of filtered air, incombustible & non corrosive gases

Digital readout displays air pressure in a choice of 4 units: PSI, BAR, MPa & Kg/Cm2

Compared to a mechanical gauge, the digital gauge offers higher accuracy, higher pressure, better resistance to vibration & easier reading (back lit)

Square Body 1-1/4" (30 mm) with Die cast Aluminium centre back male threads

#### SPECIFICATION

ACCURACY	± 2% of Full Scale
MEASURING RANGE	0 to 150 PSI / 0 to 10 BAR / 0 to 1.0 MPa / 0 to 10 Kg/Cm2
LEAST COUNT	0.1 PSI / 0.01 BAR / 0.001 MPa / 0.01 Kg/Cm2
WORKING TEMPERATURE	-10°C to +60°C (14°F to 140°F)
WORKING HUMIDITY	35 ~ 85% RH
WATER PROOF RATING	IP65
BATTERY	CR 2032 lithium
BATTERY LIFE (APPROX.)	1 year (usage 5 times a day)



#### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	FOR USE WITH FRL SERIES	PORT SIZE
BSPT THREADS		NPT THREADS			(INCH)
DPG/L1-8/B	60632	DPG/L1-8/N	60637	Miniature, Intermediate & Standard	1/8
DPG/L1-4/B	60633	DPG/L1-4/N	60638	Heavy Duty	1/4

### REPLACEMENT SINTERED BRONZE FILTER ELEMENTS

#### ORDERING INFORMATION

CAT NR.	ORD NR.	FOR USE WITH MODEL SERIES	FILTER SIZE
F582002	60680	Miniature - F13, FRC13, FRCLM13 & FRLM13	40 Microns
F582022	60681	Intermediate - F14, FRLM14	40 Microns
F582025	60682	Intermediate - FRC14, FRCLM14	40 Microns
F582042	60683	Standard F15, FRC15, FRCLM15 & FRLM15	40 Microns
F582051	60684	Heavy Duty- F17, FRC17, FRCLM17 & FRLM17	40 Microns
F582000	60685	Miniature - F13, FRC13, FRCLM13 & FRLM13	5 Microns
F582020	60686	Intermediate - F14, FRLM14	5 Microns
F582026	60687	Intermediate - FRC14, FRCLM14	5 Microns
F582040	60688	Standard F15, FRC15, FRCLM15 & FRLM15	5 Microns
F582049	60689	Heavy Duty- F17, FRC17, FRCLM17 & FRLM17	5 Microns



### REPLACEMENT BOROSILICATE FILTER ELEMENTS FOR COALESCING FILTERS

#### ORDERING INFORMATION

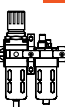
CAT NR.	ORD NR.	FOR USE WITH MODEL SERIES	FILTER SIZE
F890003	60696	Miniature - FS13	0.01 Microns
F890030	60697	Intermediate - FS14	0.01 Microns
F890001	60698	Standard - FS15	0.01 Microns
F890047	60699	Heavy Duty - FS17	0.01 Microns
F890004	60693	Miniature - FS13	0.10 Microns
F890036	60694	Intermediate - FS14	0.10 Microns
F890002	60695	Standard - FS15	0.10 Microns



### REPLACEMENT BOWL FOR FILTERS / LUBRICATORS

#### ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION
LA2000	60690	Replacement Bowl with O Ring for Miniature Filters / Lubricators
LA2001	60691	Replacement Bowl with O Ring for Intermediate Filters / Lubricators
LA2002	60692	Replacement Bowl with O Ring for Standard & Heavy Duty Filters / Lubricators





## 247 Automatic Line Drain

Condensate in compressed air causes corrosion in the pneumatic components which severely affect the function of the pneumatic system / any machinery using compressed air

In order to prevent this & give system an increased life, Automatic Line Drain is fitted to the main airline piping to drain the condensate as and when collected. Automatic Line Drain is not a moisture separator. It drains only the condensate collected.

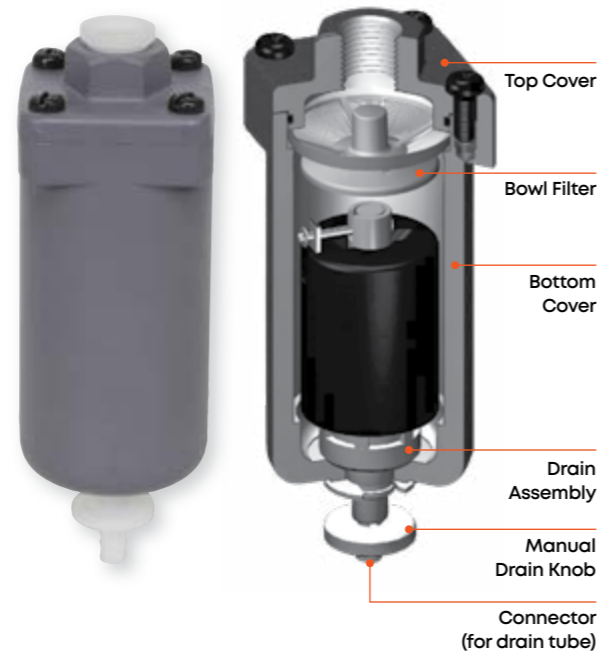
These units can be used with great advantage in pneumatic lines in foundries, textile mills, industrial shop floor, painting, pneumatic lines in process industries, etc.

Float type, hence no electrical connections required. When the condensate level increases, the float moves up & drains the condensate automatically

Cast Aluminum Body Includes Manual Drain option Provision for drain tube connection, to take the condensate away from the unit, to keep the working area clean.

### WETTED COMPONENTS

Aluminum, Brass, Acetal, Stainless Steel & Nitrile



### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	DESCRIPTION
NL161	60625	1/4" BSP	60 ml / minute
NL191	60626	1/4" NPT	2 oz. / minute

## 248 Auto Drain Valve External

As a standard, all Groz Filters have a Manual Drain valve fitted on them. This however can be changed with an Automatic Drain Valve, fitted external to the bowl

The Auto Drain Valve drains the condensate water automatically

In addition to automatic draining, there is also provision in the valve for manual drain off

Unlike an electrical Auto Drain valve, these float type auto Drain Valve operates only when the condensate is collected & drains only the condensate.



### ORDERING INFORMATION

CAT NR.	ORD NR.	FOR USE WITH MODEL SERIES
A2D01	60620	Miniature Filters with Polycarbonate bowl
A2D04	60623	Miniature Filters with Metal Bowl
A2D02	60621	Intermediate Filters with Polycarbonate bowl
A2D03	60622	Standard & Heavy Duty Filters with Polycarbonate bowl

## 249 Air Hose Reel

HRP-AW

### Compact Design

Fully enclosed design protects inner spring from water & dirt; guarantees longer life & trouble free operation

Compact size allows use in confined spaces

### Auto Roll Up

Slow rewinding mechanism ensures no one gets hurt

### Refined Design

Top cover discreetly hides handle. Accessible handle makes it convenient to carry

Hose can be locked at any desired position

### 180° Swivel Wall Bracket

Bracket can be fixed on wall with screws. Hose reel can swivel 180° on the bracket

### Easily Replaceable Hose

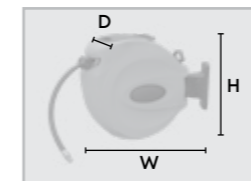
Change hose as per need/application

Drive spring is manufactured on stringent quality standards covering hardness material size, moment of force etc. ensuring enhanced life



### SPECIFICATION

CASE MATERIAL	Polypropylene	
HOSE LENGTH	15M	50'
HOSE MATERIAL	Hybrid ( Nitrile + PVC )	
HOSE I.D.	3/8"	10 MM
INLET/OUTLET THREAD SIZE	1/4" BSPT	
WORKING PRESSURE	217 PSI	15 BAR
BURST PRESSURE	580 PSI	40 BAR
OPERATING TEMPERATURE	-5°C to 45°C	23°F to 113°F



### ORDERING INFORMATION

CAT NR.	ORD NR	SIZE (W×D×H)		BOX QTY.
		(INCH)	(MM)	
HRP/AW/15M/3-8/B	47940	14-7/8 × 7-1/4 × 13-1/4	378 × 185 × 335	1

For Metal Hose Reel Refer to Page 192



# 250 Polyurethane Recoil Air Hose

PUH

Ideal for use on assembly lines with air tools, automotive repair & body shops etc.

Constructed with one coiled end & one straight end. Length of straight portion 19" (483 mm)

Both ends fitted with polyacetal bend restrictors & crimped with solid brass swivel fittings

Solid brass swivel fittings offer complete 360° directional flexibility

### Polyurethane hoses:

- Highly flexible with excellent memory
- offer little resistance to pull & automatically recoil
- Kink resistant & lightweight
- Better elasticity than nylon hoses



### SPECIFICATIONS

MAXIMUM WORKING PRESSURE	145 PSI	10 BAR
MINIMUM BURST PRESSURE AT 24°C (75°F)	508 PSI	35 BAR
MATERIAL	PUR – Ester	
WORKING TEMPERATURE RANGE	-5°C to 60°C	23°F to 140°F
HOSE HARDNESS	98 Shore 'A'	
BEND RESTRICTORS	Polyacetal	
FITTINGS	Brass swivel fittings on both ends	
RECOMMENDED WORKING LENGTH	Max. 80% of total length	



### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	THREADED	HOSE ID		HOSE OD		OVERALL LENGTH			
				(INCH)	(INCH)	(MM)	(INCH)	(MM)	(FEET)	(M)		
				<b>BSP THREADS</b>								
				<b>NPT THREADS</b>								
PUH/5BO/5/1-4/BSP	61400	PUH/5BO/5/1-4/N	61450	1/4	3/16	5	5/16	8	5	1.5		
PUH/5BO/10/1-4/BSP	61401	PUH/5BO/10/1-4/N	61451	1/4	3/16	5	5/16	8	10	3		
PUH/5BO/15/1-4/BSP	61402	PUH/5BO/15/1-4/N	61452	1/4	3/16	5	5/16	8	15	4.5		
PUH/5BO/20/1-4/BSP	61403	PUH/5BO/20/1-4/N	61453	1/4	3/16	5	5/16	8	20	6		
PUH/5BO/25/1-4/BSP	61404	PUH/5BO/25/1-4/N	61454	1/4	3/16	5	5/16	8	25	7.5		
PUH/6BO/5/1-4/BSP	61420	PUH/6BO/5/1-4/N	61470	1/4	1/4	6.50	3/8	10	5	1.5		
PUH/6BO/10/1-4/BSP	61421	PUH/6BO/10/1-4/N	61471	1/4	1/4	6.50	3/8	10	10	3		
PUH/6BO/15/1-4/BSP	61422	PUH/6BO/15/1-4/N	61472	1/4	1/4	6.50	3/8	10	15	4.5		
* PUH/6BO/20/1-4/BSP	61423	* PUH/6BO/20/1-4/N	61473	1/4	1/4	6.50	3/8	10	20	6		
* PUH/6BO/25/1-4/BSP	61424	* PUH/6BO/25/1-4/N	61474	1/4	1/4	6.50	3/8	10	25	7.5		
PUH/10BO/5/3-8/BSP	61440	PUH/10BO/5/3-8/N	61490	3/8	3/8	9.5	1/2	12.7	5	1.5		
PUH/10BO/10/3-8/BSP	61441	PUH/10BO/10/3-8/N	61491	3/8	3/8	9.5	1/2	12.7	10	3		
PUH/10BO/15/3-8/BSP	61442	PUH/10BO/15/3-8/N	61492	3/8	3/8	9.5	1/2	12.7	15	4.5		
PUH/10BO/20/3-8/BSP	61443	PUH/10BO/20/3-8/N	61493	3/8	3/8	9.5	1/2	12.7	20	6		
PUH/10BO/25/3-8/BSP	61444	PUH/10BO/25/3-8/N	61494	3/8	3/8	9.5	1/2	12.7	25	7.5		

\* Best Seller

# 251 6 Pc Interchangeable Air Blow Gun Kit

ABG-QR



Superior quality air blow gun designed for rugged day-in & day out usage

### Interchangeable Design

Quick change between 5 different attachments

Simply rotate spring loaded lock collar in either direction to release or lock the attachment in place

The attachment can be locked at 6 positions for better access

Impact & weather resistant nylon body

Brass threaded air inlet ensures that threads do not shear with repeated use

Variable speed control trigger for full control of amount of air dispensed

Air inlet thread 1/4" NPT



### 5 INTERCHANGEABLE ATTACHMENTS

Attachment	Material	Length
Rubber Tip	NBR	for steel extensions
Turbo wide angle nozzle	for high volume	
Angled Steel Extension	4" (100 mm)	
Angled Steel Extension	5-1/2" (140 mm)	
Angled Steel Extension	12-1/2" (320 mm)	

### SPECIFICATIONS

MAX. PRESSURE	220 PSI	15 BAR
OPERATING PRESSURE	160 PSI	11 BAR
OPERATING TEMPERATURE	-20°C TO 85°C	-4°F TO 185°F
AIR CONSUMPTION	10 CFM	280 LPM

### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
ABG/QR/6ST/N	61095	20



SCAN TO WATCH





Impact & weather resistant nylon body.  
Corrosion resistant stainless steel nozzle & parts

Drop resistant construction

Handle with soft rubber grip for convenience in continuous use

Ergonomic design of the gun helps eliminate the risk of Carpel Tunnel syndrome

Brass threaded Air Inlet ensures that threads do not shear with repeated use.

Variable speed trigger for full control of amount of air dispensed

Silent operation with noise level under 80 db.  
Confirms to OSHA STD 1910-95 (b) for max. noise level when used with air with 6 BAR (90 PSI) pressure

Max. Blowing Force with minimal air consumption reduces energy cost, saving money each time the gun is used

Confirms to OSHA STD 1-13.1 for safety & are classified as Safety Blow Guns\*

\*Except ABG/1

#### ACCESSORIES AVAILABLE

<b>PS/ABG/3</b> <b>61050</b> 4" (100 mm) dia. Protective shield for ABG/3 series Air Blow Guns	<b>NZL/RT1/ABG/3</b> <b>61053</b> Rubber Tip 1/2" (12.7 mm) for blowing out lines	<b>NZL/RT2/ABG/3</b> <b>61054</b> Rubber Tip 1" (25 mm) for blowing out lines
<b>NZL/RT3/ABG/3</b> <b>61055</b> Rubber Tip 1-3/8" (35 mm) for blowing out lines	<b>NZL/SIL/ABG/3</b> <b>61051</b> Silencer Nozzle with Soft Rubber Tip	<b>NZL/VEN/ABG/3</b> <b>61052</b> Venturi Nozzle for Turbo Charging Output



#### VARIANTS

	<b>ABG/1</b> With Plastic Tip	<b>ABG/2</b> With snub nose rubber tip	<b>ABG/3</b> With 4-1/2" (114 mm) long SS nozzle	<b>ABG/4</b> With 5-1/2" (140 mm) long SS nozzle fitted with silencer and snub nose rubber tip
<b>STANDARD REACH</b>				
	<b>ABG/3A</b> With 13" (330 mm) long SS nozzle	<b>ABG/3B</b> With 20" (508 mm) long SS nozzle	<b>ABG/3C</b> With 39" (990 mm) long SS nozzle	
<b>EXTENDED REACH</b>				

#### SPECIFICATIONS

<b>PRESSURE</b>	50-235 PSI	3.5-16 BAR
<b>OPERATING TEMPERATURE</b>	-10°C TO 70°C	-4°F TO 158°F

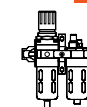
#### \*Examples of decibel levels and related noises

82-90 db : Manual Machine Tool, Hand Saw  
91-95 db : Electric Drill  
96-104 db : Factory Machinery  
100-107 db : Snow Blower  
125-127 db : Chain Saw

#### ORDERING INFORMATION

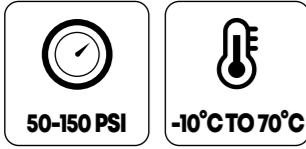
CAT NR.	ORD NR.	CAT NR.	ORD NR.	NOISE LEVEL AT 100 PSI*	BLOWING FORCE AT 100 PSI		AIR CONSUMPTION AT 100 PSI	BOX QTY.
					KGS	LBS.		
<b>STANDARD REACH</b>								
ABG/1/1-4F/BSP	61000	ABG/1/1-4F/N	61010	77db	0.26	0.57	9.53 CFM	120
ABG/2/1-4F/BSP	61001	ABG/2/1-4F/N	61011	77db	0.38	0.83	15.89 CFM	120
* ABG/3/1-4F/BSP	61002	* ABG/3/1-4F/N	61012	80 db	0.35	0.76	15.18 CFM	60
ABG/4/1-4F/BSP	61003	ABG/4/1-4F/N	61013	75 db	0.31	0.68	13.42 CFM	60
<b>EXTENDED REACH</b>								
ABG/3A/1-4F/BSP	61020	ABG/3A/1-4F/N	61030	80db	0.32	0.70	15.26 CFM	60
ABG/3B/1-4F/BSP	61021	ABG/3B/1-4F/N	61031	77db	0.26	0.57	12.46 CFM	60
ABG/3C/1-4F/BSP	61022	ABG/3C/1-4F/N	61032	74db	0.21	0.47	9.96 CFM	60

\* Best Seller



## 253 Air Blow Gun Standard

ABG-10



Lightweight Air Blow Gun

Impact & weather resistant nylon body with polyacetal trigger.

Brass threaded air inlet ensures that threads do not shear with repeated use  
Trigger permits variable speed control

**GAURANTEED SAFE:** Vent in the gun tip prevents pressure build up beyond 30 PSI ensuring safety & OSHA compliance at all times

### SPECIFICATIONS

PRESSURE	50-150 PSI	3.5-10 BAR
OPERATING TEMPERATURE	-10°C TO 70°C	-4°F TO 158°F



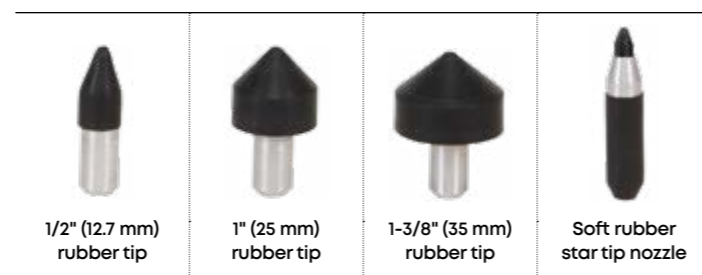
### VARIANTS

<b>ABG/10</b> 4-1/2" (114 mm) nozzle	<b>ABG/10A</b> 13" (330 mm) nozzle	<b>ABG/10B</b> 20" (508 mm) nozzle	<b>ABG/10/RT1</b> 4-1/2" (114 mm) nozzle with rubber tip 1/2" (12.7 mm)	<b>ABG/10/SIL</b> 4-1/2" (114 mm) nozzle with silencer & star rubber tip

### ORDERING INFORMATION

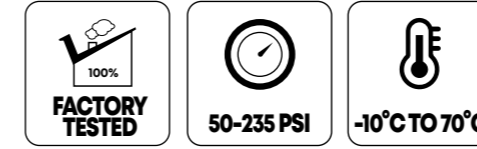
CAT NR.	ORD NR.	CAT NR.	ORD NR.
BSP THREADS		NPT THREADS	
ABG/10/BSP	61185	ABG/10/N	61192
ABG/10A/BSP	61186	ABG/10A/N	61193
ABG/10B/BSP	61187	ABG/10B/N	61194
ABG/10/RT1/BSP	61189	ABG/10/RT1/N	61196
ABG/10/SIL/BSP	61190	ABG/10/SIL/N	61197
<b>KITS</b>			
KIT/ABG/10/SST/BSP	61191	KIT/ABG/10/SST/N	61198

### 5 PC KIT - AIR BLOW GUN ABG-10 WITH 4 ATTACHMENTS



## 254 7 Piece Air Blow Gun Kit Professional

KIT-ABG



**World's #1 Professional Air Blow Gun with 6 Interchangeable accessories for unlimited applications!**

### Kit consists of

Air Blow Gun - Professional (ABG/3)  
Impact resistant nylon body with 1/4" (F) threaded brass insert and rust proof stainless steel nozzle

Gun has a soft rubber grip & allows full control on the amount of air blowing out  
Silent operation with Noise level under 80 db, the gun is OSHA ok for noise

Vent in the tip prevents pressure from exceeding 30 PSI if tip becomes blocked, making the gun OSHA OK as a Safety Blow gun

### Interchangeable accessories include:

- 4" (100 mm) Protective Shield for safety in use from flying chips etc.
- 1" (25 mm) Rubber Tip for blowing out lines & cavities
- 1-3/8" (35 mm) Rubber tip for blowing out lines & cavities
- Soft Rubber Star Tip Nozzle for use on delicate materials
- Venturi Nozzle turbo charges output. Great for blowing out bondo dust, drying off & washing parts fast
- 1/2" (12.7 mm) Rubber Tip for blowing out lines & cavities

### SPECIFICATIONS

PRESSURE	50-235 PSI	3.5-16 BAR
OPERATING TEMPERATURE	-10°C TO 70°C	-4°F TO 158°F

### ORDERING INFORMATION

CAT NR.	ORD NR.	INLET THREADS	BOX QTY.
KIT/ABG3/7ST/BSP	61070	1/4" BSP (F)	38
KIT/ABG3/7ST/N	61075	1/4" NPT (F)	38



255

## Metal Body Safety Air Blow Gun

PAG

### Built Tough

Aluminium die cast body in premium powder coated finish

Ergonomic steel pistol handle for fatigue free usage

### Venturi mechanism

Side ports combine free ambient air with costly compressed air creating a larger volume of usable output. Maximum blowing force with minimal air consumption reduces energy cost

Silent operation with noise level under 80db, the gun is OSHA OK for noise

Complete with replaceable soft rubber tip



NEW!

256

## Metal Air Blow Gun

AP

Aluminium die cast pistol style air blow gun

Variable flow trigger for controlling the air output

Built-in storage hook for safe keeping when not in use

Maximum pressure: 90 PSI

Flow rate: 40 CFM

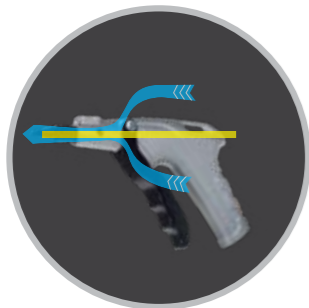
### Kit includes

- Two 6" (150mm) extensions
  - Three needle tips,
  - Rubber tip
  - Quiet flow nozzle
  - Xtreme flow nozzle.
- The 6"(150mm) extensions can be threaded together using an adaptor to get a 12"(300mm) extension for hard to reach areas.



NEW!

### VALUE



**PAYS FOR ITSELF IN ELECTRICITY SAVINGS!**  
The in-built venturi mechanism uses side ports to combine free ambient air with costly compressed air, creating a much higher volume of usable output

### TAMPER-PROOF

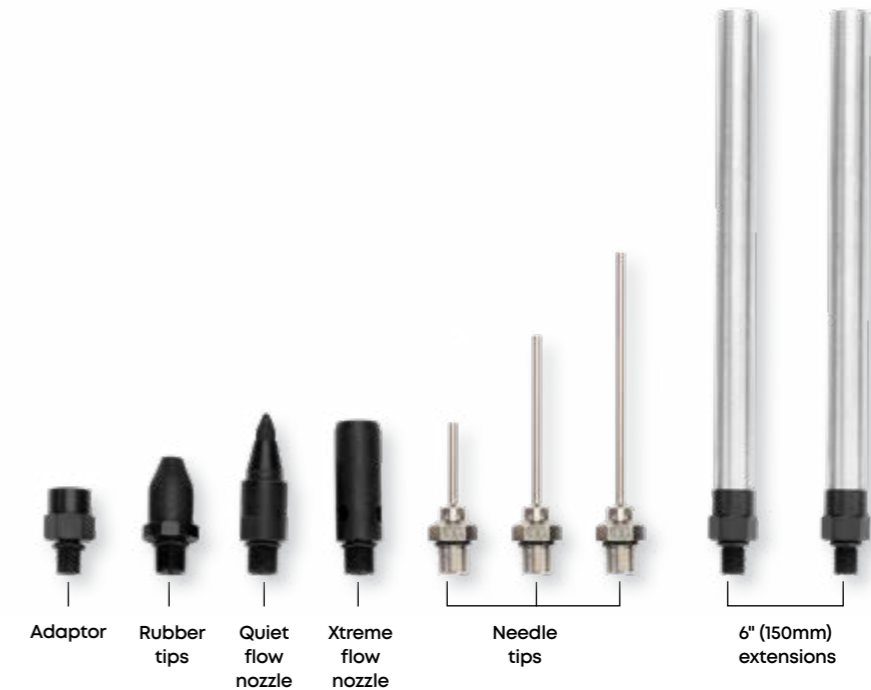


**NO MORE OSHA FINES!**  
Tampering doesn't work on this Gun! Many Operators plug or tape vent holes on their blow guns in an effort to increase output. Blocking of venturi side ports on these, greatly reduces the output, thus defeating the tamper incentive & preventing costly safety violations

### COMPLIANT

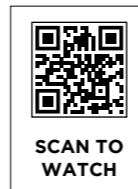


**MEETS BOTH OSHA STANDARDS FOR SAFETY & NOISE!**  
Designed to reduce compressed air pressure to less than 30 PSI when outlet is blocked. Venturi side ports provide safety relief when blow gun outlet is blocked



### ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	DESCRIPTION	OVERALL LENGTH	
				(INCH)	(MM)
PAG/J/1-4F/B	61130	1/4" BSPT	Soft rubber star tip	5-5/16	135
PAG/J/1-4F/N	61140	1/4" NPT			



### ORDERING INFORMATION

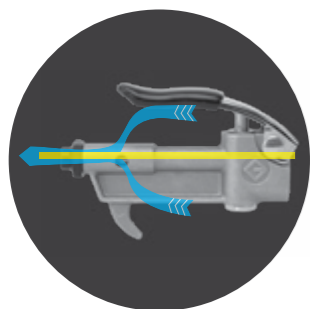
CAT NR.	ORD NR.	THREADS
AP/J/B	61115	1/8" BSPT
AP/10ST/B	61116	1/8" BSPT
AP/J/N	61111	1/8" NPT
AP/10ST/N	61110	1/8" NPT





### WITH REVOLUTIONARY VENTURI MECHANISM

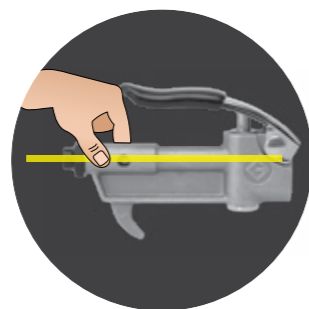
Uses side ports to combine free ambient air with costly compressed air, creating a much higher volume of usable output.



### VALUE

#### PAYS FOR ITSELF IN ELECTRICITY SAVINGS!

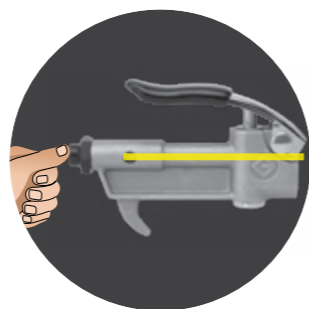
The in-built venturi mechanism uses side ports to combine free ambient air with costly compressed air, creating a much higher volume of usable output. This feature is unique to the Groz PRO series Metal Body Lever Air Blow Guns



### TAMPER-PROOF

#### NO MORE OSHA FINES!

Many Operators plug or tape vent holes on their blow guns in an effort to increase output. Blocking of venturi side ports on these, greatly reduces the output, thus defeating the tamper incentive & preventing costly safety violations



### COMPLIANT

#### MEET BOTH OSHA STANDARDS FOR SAFETY & NOISE!

Designed to reduce compressed air pressure to less than 30 PSI when outlet is blocked. Venturi side ports provide safety relief when blow gun outlet is blocked. Available with Chip Shield that guards operator from blown debris and prevents operating lever from activating when dropped

#### 6 PIECE GENERAL PURPOSE KIT



#### ORDERING INFORMATION

CAT NR.	ORD NR.	INLET THREADS	BOX QTY.
KIT/LAG/6/ST/BSP	61260	1/4" BSP (F)	60
KIT/LAG/6/ST/N	61270	1/4" NPT (F)	60

#### 5 PIECE INDUSTRIAL PURPOSE KIT



#### ORDERING INFORMATION

CAT NR.	ORD NR.	INLET THREADS	BOX QTY.
KIT/LAG/5A/ST/BSP	61263	1/4" BSP (F)	60
KIT/LAG/5A/ST/N	61273	1/4" NPT (F)	60

#### 8 PIECE INDUSTRIAL KIT



#### ORDERING INFORMATION

CAT NR.	ORD NR.	INLET THREADS	BOX QTY.
KIT/LAG/8/ST/BSP	61261	1/4" BSP (F)	60
KIT/LAG/8/ST/N	61271	1/4" NPT (F)	60

#### 5 PIECE EXTENDED REACH KIT



#### ORDERING INFORMATION

CAT NR.	ORD NR.	INLET THREADS	BOX QTY.
KIT/LAG/5B/ST/BSP	61265	1/4" BSP (F)	60
KIT/LAG/5B/ST/N	61275	1/4" NPT (F)	60

#### 5 PIECE GENERAL PURPOSE KIT



#### ORDERING INFORMATION

CAT NR.	ORD NR.	INLET THREADS	BOX QTY.
KIT/LAG/5/ST/BSP	61262	1/4" BSP (F)	60
KIT/LAG/5/ST/N	61272	1/4" NPT (F)	60

#### 4 PIECE RUBBER TIP KIT

Ideal for blowing out lines and cavities



#### ORDERING INFORMATION

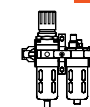
CAT NR.	ORD NR.	INLET THREADS	BOX QTY.
KIT/LAG/4/ST/BSP	61264	1/4" BSP (F)	60
KIT/LAG/4/ST/N	61274	1/4" NPT (F)	60

#### 21 PIECE ALL PURPOSE KIT



#### ORDERING INFORMATION

CAT NR.	ORD NR.	INLET THREADS	BOX QTY.
KIT/LAG/21/ST/BSP	61266	1/4" BSP (F)	20
KIT/LAG/21/ST/N	61276	1/4" NPT (F)	20





TYPE: A  
1/2" (13 mm) rubber tip



TYPE: B  
standard



TYPE: C  
standard safety



TYPE: D  
high flow safety



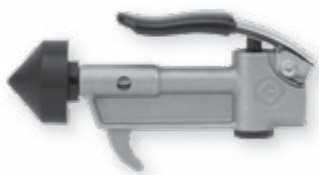
TYPE: E  
safety booster



TYPE: F  
safety tamper proof



TYPE: G  
1" (25 mm) rubber tip



TYPE: H  
1-3/8" (35 mm) rubber tip



TYPE: J  
soft rubber star tip



TYPE: PS  
nozzle with 4" (100 mm) protective shield



TYPE: K  
nylon screen 1-1/4" (32 mm) wide



TYPE: L  
nylon tapered tube 3" (75 mm) long



TYPE: M  
mini aluminum tip



TYPE: N1  
ss needle 1-3/4" (44 mm) long x 0.072" (1.8 mm) dia.



TYPE: N2  
SS needle 2-15/32" (62 mm) long x 0.095" (2.4 mm) dia.



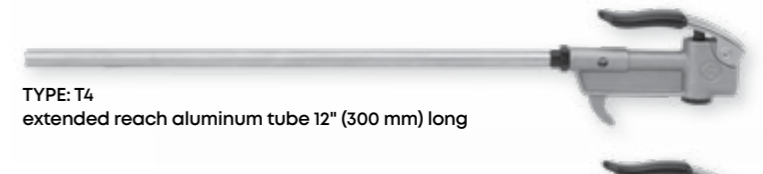
TYPE: P  
adjustable brass tip



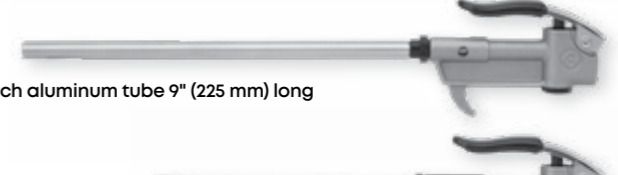
TYPE: S  
nozzle with steel wire brush



TYPE: T1  
extended reach aluminum tube 3" (75 mm) long



TYPE: T4  
extended reach aluminum tube 12" (300 mm) long



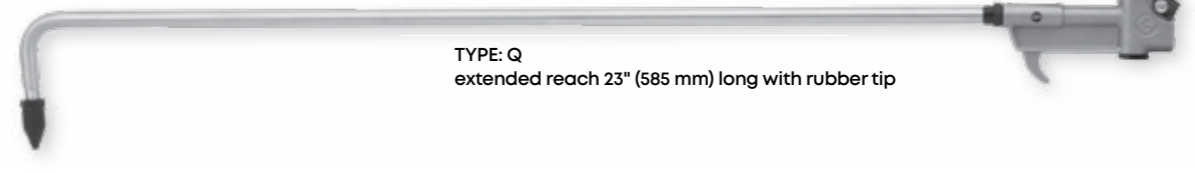
TYPE: T3  
extended reach aluminum tube 9" (225 mm) long



TYPE: T2  
extended reach aluminum tube 6" (150 mm) long



TYPE: R  
extended reach telescopic tip 14" (355 mm) to 24" (610 mm)



TYPE: Q  
extended reach 23" (585 mm) long with rubber tip

#### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	TYPE	AIR INLET	DESCRIPTION	OVERALL LENGTH		BOX QTY.
							(INCH)	(MM)	
LAG/A/1-4/BSP	61200	LAG/A/1-4/N	61220	A	1/4	1/2" (13 mm) Rubber Tip	5	127	150
LAG/B/1-4/BSP	61201	LAG/B/1-4/N	61221	B	1/4	Standard	4-7/32	107	150
LAG/C/1-4/BSP	61202	LAG/C/1-4/N	61222	C	1/4	Standard Safety	4-9/32	109	150
LAG/D/1-4/BSP	61203	LAG/D/1-4/N	61223	D	1/4	High Flow Safety	5-3/16	132	150
LAG/E/1-4/BSP	61204	LAG/E/1-4/N	61224	E	1/4	Safety Booster	5-5/16	135	150
LAG/F/1-4/BSP	61205	LAG/F/1-4/N	61225	F	1/4	Safety Tamperproof	5	127	150
LAG/G/1-4/BSP	61206	LAG/G/1-4/N	61226	G	1/4	1" (25 mm) Rubber Tip	4-15/16	125	150
LAG/H/1-4/BSP	61207	LAG/H/1-4/N	61227	H	1/4	1-3/8" (35 mm) Rubber Tip	5	127	150
LAG/J/1-4/BSP	61208	LAG/J/1-4/N	61228	J	1/4	Soft Rubber Star Tip	5-5/16	135	150
LAG/PS/1-4/BSP	61209	LAG/PS/1-4/N	61229	PS	1/4	Nozzle with 4" (100 mm) Protective Shield	5-3/32	129	7 2
LAG/K/1-4/BSP	61252	LAG/K/1-4/N	61242	K	1/4	Nylon Screen 1-1/4" (32.5 mm) Wide	5	127	150
LAG/L/1-4/BSP	61210	LAG/L/1-4/N	61230	L	1/4	Nylon Tapered Tube 3" (75 mm) Long	7	179	150
LAG/M/1-4/BSP	61211	LAG/M/1-4/N	61231	M	1/4	Mini Aluminum Rip	4-11/32	110	150
LAG/N1/1-4/BSP	61212	LAG/N1/1-4/N	61232	N1	1/4	SS Needle 1-3/4" (44 mm) long x 0.072" (1.8 mm) Dia.	5-7/8	150	150
LAG/N2/1-4/BSP	61213	LAG/N2/1-4/N	61233	N2	1/4	SS Needle 2-15/32" (62 mm) long x 0.095" (2.4 mm) Dia.	6-11/16	170	150
LAG/P/1-4/BSP	61214	LAG/P/1-4/N	61234	P	1/4	Adjustable Brass Tip	5	125	150
LAG/S/1-4/BSP	61215	LAG/S/1-4/N	61235	S	1/4	Steel Wire Brush for Industrial Cleaning & Drying	8-1/4	210	150
LAG/Q/1-4/BSP	61216	LAG/Q/1-4/N	61236	Q	1/4	Extended Reach 23" (585 mm) Long with Rubber tip	26	660	60
LAG/R/1-4/BSP	61217	LAG/R/1-4/N	61237	R	1/4	Extended Reach Telescopic Tip 14" (355 mm) to 24" (610 mm)	20-3/8	517	90
LAG/T1/1-4/BSP	61218	LAG/T1/1-4/N	61238	T1	1/4	Extended Reach Aluminum Tube 3" (75 mm) Long	6-7/8	175	150
LAG/T2/1-4/BSP	61219	LAG/T2/1-4/N	61239	T2	1/4	Extended Reach Aluminum Tube 6" (150 mm) Long	9-27/32	250	90
LAG/T3/1-4/BSP	61250	LAG/T3/1-4/N	61240	T3	1/4	Extended Reach Aluminum Tube 9" (225 mm) Long	12-13/16	325	90
LAG/T4/1-4/BSP	61251	LAG/T4/1-4/N	61241	T4	1/4	Extended Reach Aluminum Tube 12" (300 mm) Long	15-3/4	400	90

All tips are threaded 1/8" and available as spare





Used for instant coupling of grease guns, impact wrenches and other air operated equipment in industrial and automotive applications

Positive action locking mechanism ensures that coupler cannot be detached accidentally

Extra large air passage ensures greater air flow

Automatic air check valve shuts off air instantly when uncoupled, providing leak proof seal

Heavy Duty Steel construction

**SPECIFICATIONS**

OPERATING PRESSURE	250 PSI	17 BAR
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	AIR COUPLER	AIR PLUG	
<b>M STYLE</b> MILTON INTERCHANGE INDUSTRIAL			0.211" (5.35 mm) 
<b>T STYLE</b> TRU FLATE / PARKER INTERCHANGE AUTOMOTIVE			0.085" (2.16 mm) 
<b>A STYLE</b> ARO INTERCHANGE			0.325" (8.25 mm) 
<b>L STYLE</b> LINCOLN INTERCHANGE AUTOMOTIVE			0.792" (20.1 mm) 
<b>N STYLE</b> NITTO INTERCHANGE	-		0.196" (5 mm) 
<b>AMT STYLE</b> UNIVERSAL RETAIL		-	

**AIR PLUGS & COUPLER KITS**

**KIT/AIR/M/ST5**

- 5pc. M style kit includes
- 1pc. Coupler - 1/4" NPT (F)
- 3pc. Plug - 1/4" NPT (M)
- 1pc. Plug - 1/4" NPT (F)



**KIT/AIR/M/ST2**

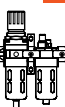
- 2pc. M style kit includes
- 1pc. Coupler - 1/4" NPT (F)
- 1pc. Plug - 1/4" NPT (M)



**NEW!**

**ORDERING INFORMATION**

CAT NR.	ORD NR.	THREAD	TYPE	PACK QTY.
<b>M STYLE</b>				
QCA/M/1-4M/N	60785	1/4" NPT (M)	Coupler	1
QCA/M/1-4F/N	60786	1/4" NPT (F)	Coupler	1
AN/M/1-4M/N	60765	1/4" NPT (M)	Plug	1
AN/M/1-4M/N/ST2	60766	1/4" NPT (M)	Plug	2
AN/M/1-4F/N	60767	1/4" NPT (F)	Plug	1
AN/M/1-4F/N/ST2	60768	1/4" NPT (F)	Plug	2
KIT/AIR/M/N/ST5	60796	5pc kit		
KIT/AIR/M/N/ST2	60795	2pc kit		
<b>T STYLE</b>				
QCA/T/1-4M/N	60787	1/4" NPT (M)	Coupler	1
QCA/T/1-4F/N	60788	1/4" NPT (F)	Coupler	1
AN/T/1-4M/N	60769	1/4" NPT (M)	Plug	1
AN/T/1-4M/N/ST2	60770	1/4" NPT (M)	Plug	2
AN/T/1-4F/N	60771	1/4" NPT (F)	Plug	1
AN/T/1-4F/N/ST2	60772	1/4" NPT (F)	Plug	2
<b>A STYLE</b>				
QCA/A/1-4M/N	60789	1/4" NPT (M)	Coupler	1
QCA/A/1-4F/N	60790	1/4" NPT (F)	Coupler	1
AN/A/1-4M/N	60773	1/4" NPT (M)	Plug	1
AN/A/1-4M/N/ST2	60774	1/4" NPT (M)	Plug	2
AN/A/1-4F/N	60775	1/4" NPT (F)	Plug	1
AN/A/1-4F/N/ST2	60776	1/4" NPT (F)	Plug	2
<b>L STYLE</b>				
QCA/L/1-4M/N	60791	1/4" NPT (M)	Coupler	1
QCA/L/1-4F/N	60792	1/4" NPT (F)	Coupler	1
AN/L/1-4M/N	60777	1/4" NPT (M)	Plug	1
AN/L/1-4M/N/ST2	60778	1/4" NPT (M)	Plug	2
AN/L/1-4F/N	60779	1/4" NPT (F)	Plug	1
AN/L/1-4F/N/ST2	60780	1/4" NPT (F)	Plug	2
<b>N STYLE</b>				
AN/N/1-4M/B	60781	1/4" BSPT (M)	Plug	1
AN/N/1-4M/B/ST2	60782	1/4" BSPT (M)	Plug	2
<b>AMT STYLE</b>				
QCA/AMT/1-4M/N	60793	1/4" NPT (M)	Coupler	1
QCA/AMT/1-4F/N	60794	1/4" NPT (F)	Coupler	1



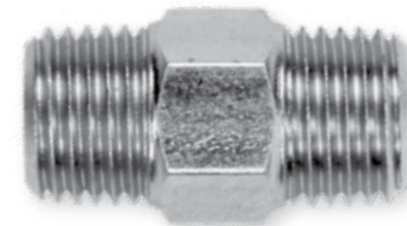


## 260 Air Line Accessories - Air Line Fittings

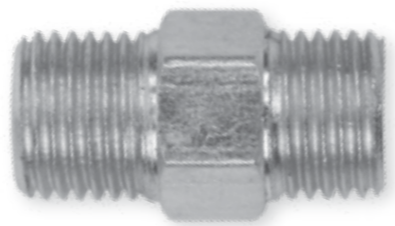
All Steel Construction

Used to connect Air Control Units to Air Inlet port on equipment

Threaded 1/4" (M) x 1/4" (M)



**NPL/RP/N**



**NPL/KP71/K63**

### ORDERING INFORMATION

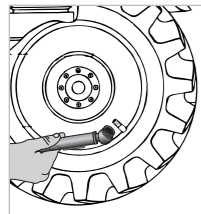
CAT NR.	ORD NR.	THREADS	BOX QTY.
NPL/KP71/K63	60704	1/4" BSP (M)	10
NPL/RP/N	60703	1/4" NPT (M)	10

## 261 Tyre Pressure Gauge

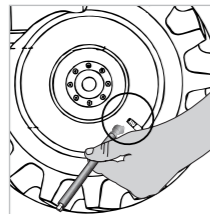
**TYG**

Compact pocket size air pressure gauge  
Pressure range from 10-50 PSI  
Metallic wear & tear resistant body  
Accuracy ± 1 PSI

**NEW!**



Mate the mouth of the tyre pressure gauge with the air valve of the tyre



Press the tyre pressure gauge on the valve



Check the reading on the pressure reading tube that slides out of the tyre pressure gauge



### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
TYG/10-50/GRZ	61396	25

## 262 Tyre Inflator Gauge for Cars

**TIG-12**

Reliable and sturdy, the 3 in 1 GROZ tyre gauge is designed to:

1. Measure Tyre Pressure
2. Inflate Tyres
3. Deflate Tyres

Tyre deflation is via the deflation valve on the gun body. A simple press of the valve will activate it and reduce pressure.

Available with choice of  
a. Analog Gauge  
b. Digital Gauge

Aluminium die cast gun with flexible hose & straight chuck suitable for cars & other light vehicles

### SPECIFICATIONS

GAUGE TYPE	Digital		Analog	
	2-1/2"	63 MM	2-1/2"	63 MM
GAUGE DIAMETER	2-1/2"	63 MM	2-1/2"	63 MM
BACKLIGHT	Yes	-	-	-
AVAILABLE UNIT SELECTION	PSI, BAR, MPa, Kg/cm <sup>2</sup>		PSI, BAR	
MAX. PRESSURE	UPTO 300 PSI	21 BAR	UPTO 60 PSI	UPTO 4 BAR
ACCURACY	± 1% of Full scale		3-2-3%	
RESOLUTION	0.1 PSI		1 PSI	
POWER SUPPLY	Lithium Battery		-	



Heavy Duty Shock Proof

### VARIANTS



Tyre Inflator with Analog Gauge

Tyre Inflator with Digital Gauge

### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
BSP THREADS		NPT THREADS			
TIG/M/12/BSP	61310	TIG/M/12/N	61300	12" (300 mm) flexible hose with straight chuck; Analog Gauge	10
TIG/D/12/BSP	61360	TIG/D/12/N	61350	12" (300 mm) flexible hose with straight chuck; Digital Gauge	10



## 263 Tyre Inflator Gauges for Trucks

TIG-24

Reliable and sturdy, the 3 in 1 GROZ tyre gauge is designed to:

1. Measure Tyre Pressure
2. Inflate Tyres
3. Deflate Tyres

Tyre deflation is via the deflation valve on the gun body. Simple press of the valve activates it and reduces pressure

Available with choice of:

- a. Analog Gauge
- b. Digital Gauge

Aluminium die cast gun with flexible hose, rigid extension & dual chuck suitable for attachment on valves of large tyres

### VARIANTS



Tyre Inflator with Analog Gauge



Tyre Inflator with Digital Gauge



Heavy Duty Shock Proof

### SPECIFICATIONS

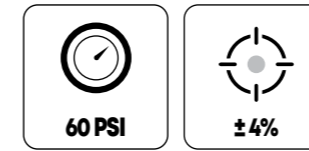
GAUGE TYPE	Digital		Analog	
GAUGE DIAMETER	2-1/2"	63 MM	2-1/2"	63 MM
BACKLIGHT	Yes		-	
AVAILABLE UNIT SELECTION	PSI, BAR, MPa, Kg/cm <sup>2</sup>		PSI, BAR	
MAX. PRESSURE	UPTO 300 PSI	UPTO 21 BAR	UPTO 210 PSI	UPTO 15 BAR
ACCURACY	± 1% of Full scale		± 1.6% of Full scale	
RESOLUTION	0.1 PSI		2 PSI	
POWER SUPPLY	Lithium Battery		-	

### ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
BSP THREADS		NPT THREADS			
TIG/M/24D/BSP	61330	TIG/M/24D/N	61320	24" (600 mm) flexible hose with dual chuck; Analog Gauge	10
TIG/D/24D/BSP	61380	TIG/D/24D/N	61370	24" (600 mm) flexible hose with dual chuck; Digital Gauge	10

## 264 Tyre Inflator Gauge 'V' Series

TIG-25



GROZ 3-in-1 Tyre Inflator Gauges are designed to:

1. Measure tyre pressure
2. Inflate tyres
3. Deflate tyres

Press deflation valve to reduce tyre pressure

Analog gauge comes with a protective shroud

Aluminium die cast gun with 17" (440 mm) flexible hose & straight chuck suitable for cars & other light vehicles

### SPECIFICATIONS

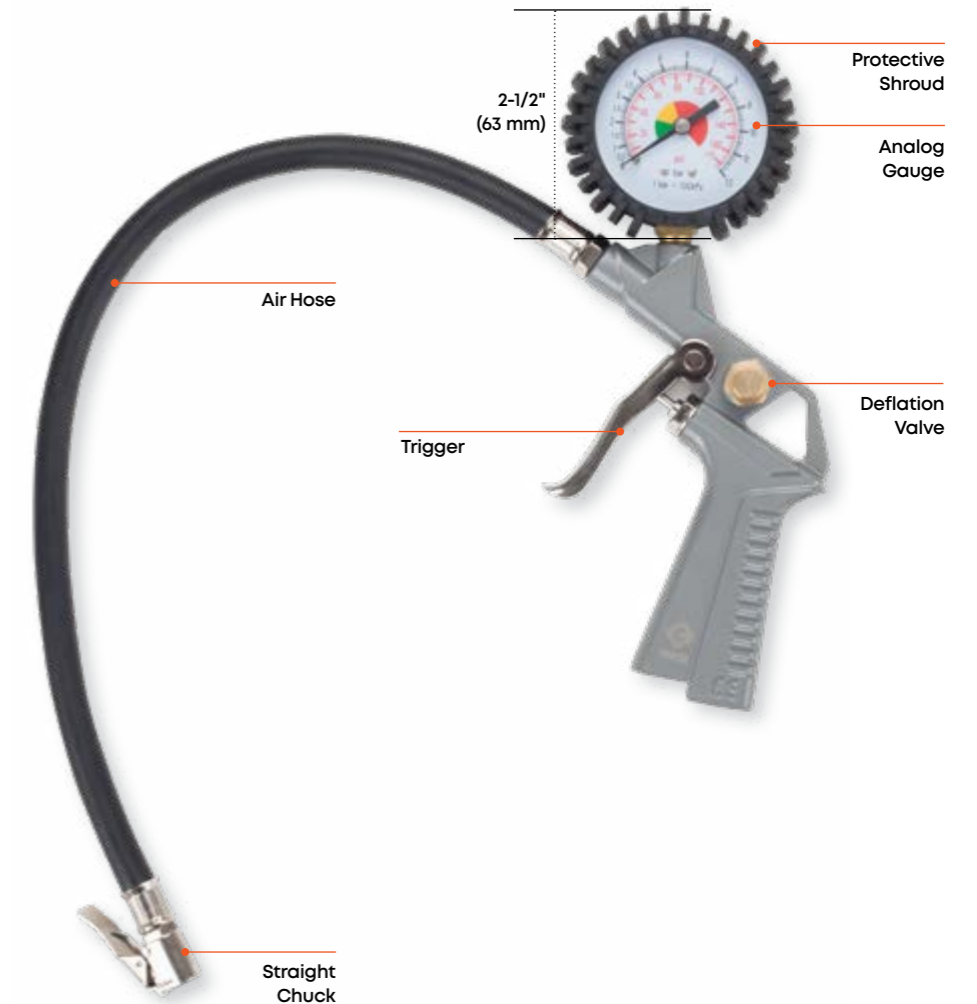
OPERATING PRESSURE	UPTO 60 PSI	UPTO 4 BAR
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### SPECIFICATIONS

GAUGE TYPE	Analog	
GAUGE DIAMETER	2-1/2"	63 MM
AVAILABLE UNIT SELECTION	PSI, BAR	
OPERATING PRESSURE	UPTO 60 PSI	UPTO 4 BAR
ACCURACY	± 4%	
RESOLUTION	2 PSI	0.10 BAR
INLET	1/4" (NPT Thread)	

### ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
TIG/2-5/N	61302	10



## 265 Tyre Inflator Gauge for Cars - CEE Gauge

TIGCEE-12



Reliable and sturdy, the 3 in 1 GROZ tyre gauge is designed to:

1. Measure Tyre Pressure
2. Inflate Tyres
3. Deflate Tyres

Tyre deflation is via the deflation valve on the gun body. A simple press of the valve will activate it and reduce pressure

**Tyre inflator Gauge with homologated pressure gauge is conforming to EU directive 86/217/CEE**

Aluminium die cast gun with flexible hose & straight chuck suitable for cars & other light vehicles

### SPECIFICATIONS

MAX. PRESSURE	UPTO 140 PSI	UPTO 10 BAR
GAUGE ACCURACY	±0.08% <58 PSI ±1.6% >58 PSI	±0.08% <4 Bar ±1.6% >4 Bar

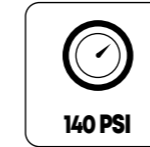


### ORDERING INFORMATION

CAT NR.	ORD NR.	HOSE LENGTH	BOX QTY.
TIG/M-CEE/12/BSP	61390	12" (300 mm) flexible hose with straight chuck	10

## 266 Tyre Inflator Gauge for Trucks - CEE Gauge

TIGCEE-24



Reliable and sturdy, the 3 in 1 GROZ tyre gauge is designed to:

1. Measure Tyre Pressure
2. Inflate Tyres
3. Deflate Tyres

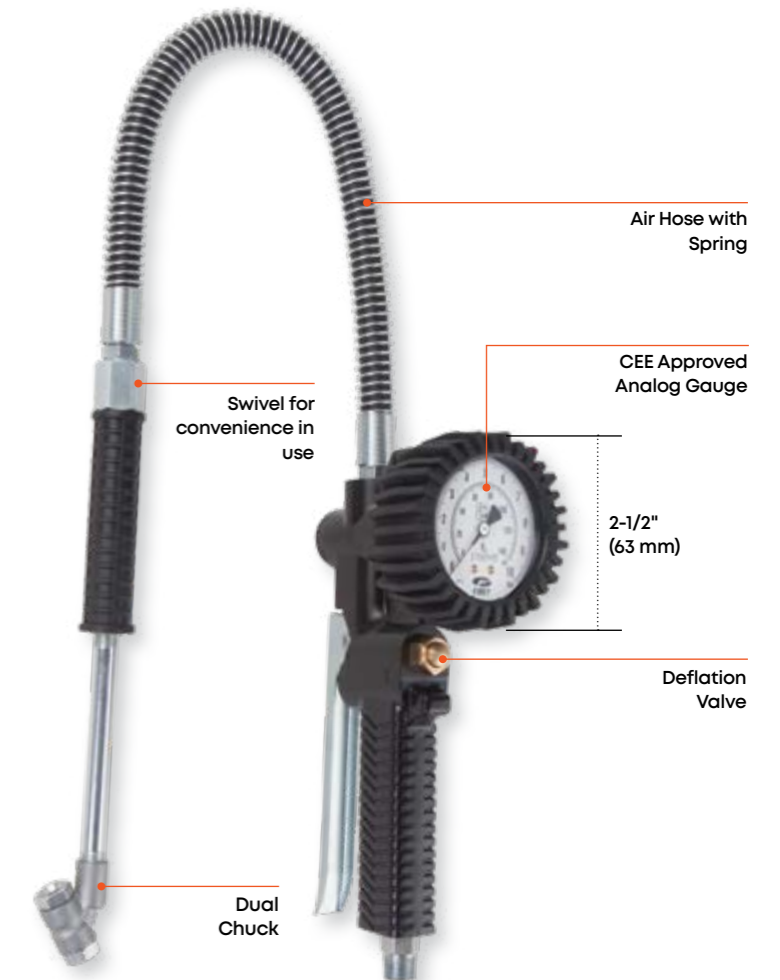
Tyre deflation is via the deflation valve on the gun body. A simple press of the valve will activate it and reduce pressure

**Tyre inflator Gauge with homologated pressure gauge is conforming to EU directive 86/217/CEE**

Aluminium die cast gun with flexible hose, rigid extension & dual chuck suitable for attachment on valves of large tyres

### SPECIFICATIONS

MAX. PRESSURE	UPTO 140 PSI	UPTO 10 BAR
GAUGE ACCURACY	±0.08% <58 PSI ±1.6% >58 PSI	±0.08% <4 Bar ±1.6% >4 Bar



### ORDERING INFORMATION

CAT NR.	ORD NR.	HOSE LENGTH	BOX QTY.
TIG/M-CEE/24D/BSP	61391	24" (600 mm) flexible hose with dual chuck	10



The Groz Coolant Mixer ensures accurate and uniform blending of metal cutting fluids, coolants, antifreeze etc with water for supply to machines.

Widely used in industrial applications these are also useful in garages, motor workshops for mixing of detergents, antifreeze etc

Compact Construction with Aluminium body and a Stainless Steel Rotary Disc Valve precision CNC machined for accurate performance over time

Mixer works on a venturi mechanism driven by pressure from water supply

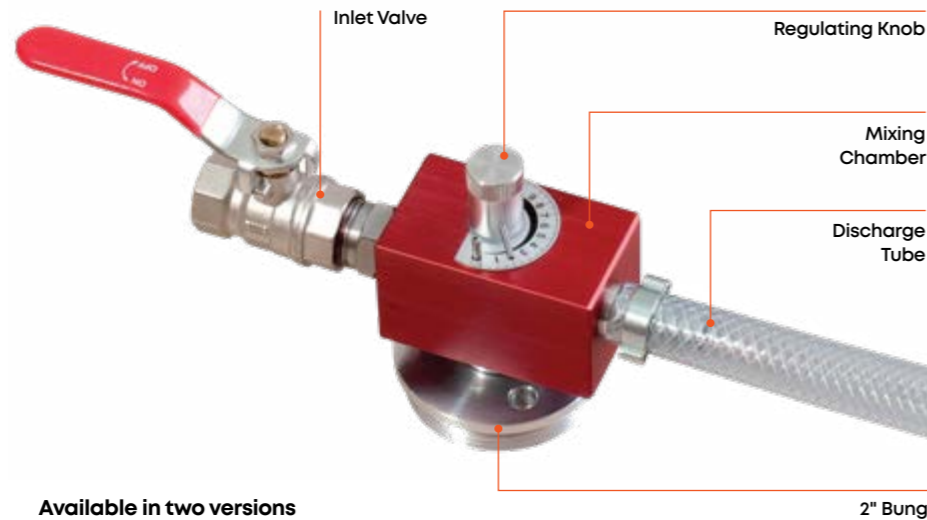
Supplied with brass ball valve and 2 ball check valves to prevent back flow

Units cannot operate under back pressure hence use these to fill up nearby containers

Mixing ratio can be adjusted as required through a simple turn of the knob

Virtually maintenance free these are easy to install and operate.

A time and cost saving alternative to manual blending these are built durable for reliable performance over time



**Available in two versions**

**a. CMX**

Coolant/liquid mixers with one piece polypropylene suction tube, 2" bung adaptor & delivery hose. Press fit plastic suction tube can be cut to fit drum height

**b. CMX-SS**

Coolant/liquid mixers with stainless steel 2pc threaded suction tube & 2" bung adaptor & delivery hose  
The Bung adaptor can be tightened anywhere along the suction tube depending upon available drum height

**ORDERING INFORMATION**

CAT NR.	ORD NR.	SUCTION TUBE O.D.		BOX QTY.
		(INCH)	(MM)	
* CMX/1	61100	0.47	12	10
CMX/2	61101	0.62	16	10
CMX/3	61102	0.47	12	10
* CMX/SS/1	61105	0.86	22	10
CMX/SS/2	61106	0.86	22	10
CMX/SS/3	61107	0.86	22	10

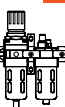
\* Best Seller

**CMX VARIANTS**

	CMX/1	CMX/2	CMX/3
<b>MECHANISM</b>	Venturi Type	Venturi Type	Venturi Type
<b>WATER INLET</b>	1/2" Female	1/2" Female	1/2" Female
<b>MIXING RATIO</b>	0 to 11%	0 to 57%	0 to 9%
<b>FLOW RATE</b>	1100 Litres / Hour 290 Gallons / Hour	1250 Litres / Hour 330 Gallons / Hour	1100 Litres / Hour 290 Gallons / Hour
<b>WETTED COMPONENTS</b>	Aluminium, Stainless Steel, Brass, Acetal, PVC, Nitrile Rubber & Polypropylene	Aluminium, Stainless Steel, Brass, Acetal, PVC, Nitrile Rubber & Polypropylene	Aluminium, Stainless Steel, Brass, Acetal, PVC, Nitrile Rubber & Polypropylene
<b>RECOMMENDED USE</b>	Cutting / Metal Working Fluids	Antifreeze, Detergents / Soap Solutions	Cutting / Metal Working Fluids

**CMX-SS VARIANTS**

	CMX/SS/1	CMX/SS/2	CMX/SS/3
<b>MECHANISM</b>	Venturi Type	Venturi Type	Venturi Type
<b>WATER INLET</b>	1/2" Female	1/2" Female	1/2" Female
<b>MIXING RATIO</b>	0 to 11%	0 to 57%	0 to 9%
<b>FLOW RATE</b>	1100 Litres / Hour 290 Gallons / Hour	1250 Litres / Hour 330 Gallons / Hour	1100 Litres / Hour 290 Gallons / Hour
<b>WETTED COMPONENTS</b>	Aluminium, Stainless Steel, Brass, Acetal, PVC, Nitrile Rubber	Aluminium, Stainless Steel, Brass, Acetal, PVC, Nitrile Rubber	Aluminium, Stainless Steel, Brass, Acetal, PVC, Nitrile Rubber
<b>RECOMMENDED USE</b>	Cutting / Metal Working Fluids, Soy & other vegetable esters	Antifreeze, Detergents / Soap Solutions, Soy & other vegetable esters	Cutting / Metal Working Fluids, Soy & other vegetable esters



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46242	74	46903	22	47252	50	47790	72	48010	275	60051	287	60282	293
46300	74	46920	34	47253	50	47801	176	48011	274	60052	287	60283	293
46302	74	46921	34	47256	50	47802	176	48012	274	60053	287	60284	293
46304	74	46922	34	47257	50	47804	176	48013	275	60054	287	60285	293
46400	74	46923	34	47258	50	47805	176	48014	275	60055	287	60300	294
46401	74	46940	178	47259	50	47807	177	48860	144	60056	287	60301	294
46420	74	46946	179	47260	50	47808	177	48871	142	60090	304	60302	294
46421	74	46950	124	47261	50	47809	177	48872	143	60091	304	60303	294
46422	74	46970	27	47262	50	47810	177	48873	144	60100	288	60304	294
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46501	74	46991	22, 34	47271	52	47812	177	48911	102	60102	288	60306	294
46503	74	47000	164	47272	52	47813	177	48950	146	60103	288	60329	295
46520	74	47001	164	47320	222	47814	177	48951	146	60104	288	60330	295
46521	74	47005	165	47321	222	47815	177	48952	146	60105	288	60331	295
46522	74	47006	165	47322	222	47816	177	48953	146	60106	288	60332	295
46600	74	47010	168	47323	222	47817	177	48955	146	60129	289	60333	295
46601	74	47011	168	47340	222	47818	177	48956	146	60130	289	60334	295
46602	74	47012	168	47341	222	47820	121	48957	146	60131	289	60350	294
46610	74	47013	168	47342	222	47821	121	48958	146	60132	289	60351	294
46611	74	47014	168	47343	222	47822	121	48960	146	60133	289	60352	294
46612	74	47015	168	47360	52	47823	121	48961	146	60134	289	60353	294
46620	74	47020	170	47361	52	47824	121	48965	146	60150	288	60354	294

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60379	295	60573	300	60670	306	60785	324	60882	302	61190	316	61262	320
60380	295	60574	300	60671	306	60786	324	60883	302	61191	316	61263	320
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60382	295	60576	300	60673	306	60788	324	60885	302	61193	316	61265	320
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60384	295	60580	302	60681	306	60790	324	60901	296	61196	316	61270	320
60400	296	60581	302	60682	306	60791	324	60902	296	61197	316	61271	320
60401	296	60582	302	60683	306	60792	324	60903	296	61198	316	61272	320
60402	296	60583	302	60684	306	60793	324	60904	296	61200	322	61273	320
60403	296	60584	302	60685	306	60794	324	60905	296	61201	322	61274	320
60404	296	60600	306	60686	306	60795	324	60906	296	61202	322	61275	320
60420	296	60601	306	60687	306	60796	324	60907	296	61203	322	61276	320
60429	298	60602	306	60688	306	60800	290	60908	296	61204	322	61300	327
60430	298	60603	306	60689	306	60801	290	60909	296	61205	322	61302	329
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60433	298	60612	306	60692	306	60804	290	61000	314	61208	322	61330	328
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60452	296	60622	310	60696	306	60823	290	61010	314	61212	322	61380	328
60453	296	60623	310	60697	306	60824	290	61011	314	61213	322	61390	330
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60470	296	60626	310	60699	306	60826	290	61013	314	61215	322	61396	326
60479	298	60630	306	60703	326	60830	298	61020	314	61216	322	61400	312
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60482	298	60633	306	60723	305	60833	298	61030	314	61219	322	61403	312
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60500	300	60637	306	60733	305	60840	298	61050	314	61222	322	61421	312
60501	300	60638	306	60734	305	60841	298	61051	314	61223	322	61422	312
60502	300	60640	306	60741	305	60842	298	61052	314	61224	322	61423	312
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# MERCHANDISING SOLUTIONS



## D5

ORD NR. 00504

- Heavy Duty Display Stand with perforated back for hanging packaged products on hooks
- Comes complete with 6" (150 mm) long & 8" (200 mm) long hooks
- Supplied in CKD



### STAND DIMENSIONS

40" length x 20" width x 95" height  
(1000 mm length x 500mm width x 2400 mm height)

## D5A

ORD NR. 00515

- Heavy Duty Display Stand with T-slot panels for hanging packaged products on hooks
- Comes with angle adjusting shelves and storage cabinet at the bottom
- Comes complete with 6" (150 mm) long & 8" (200 mm) long hooks
- Supplied in CKD



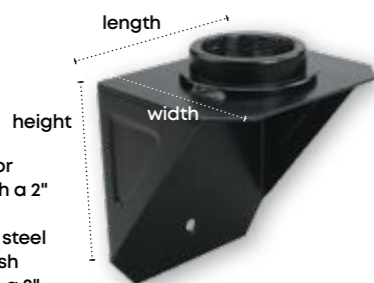
### STAND DIMENSIONS

40" length x 17.5" width x 86.5" height  
(1000 mm length x 450mm width x 2200 mm height)

## D1

ORD NR. 45395

- Wall mount Bracket for displaying pumps with a 2" threaded bung
- Bracket is made from steel in powder coated finish
- Centre of Bracket has a 2" Female threaded opening which used to mount pumps with 2" bung
- Extremely compact & great for display in showrooms, shops etc. where space is a constraint
- Displaying pumps using the bracket allows customers to touch & feel the quality of the pump
- Does not include product



### STAND DIMENSIONS

4.72" length x 5.91" width x 5.91" height  
(120 mm length x 150 mm width x 150 mm height)

## D2

ORD NR. 00501

- Specially fabricated miniature steel drum with the drum top fitted with four 2" Female Threaded openings
- Used for floor display in showrooms. Drum can display 4 pumps
- Displaying pumps using the Drum allows customers to touch & feel the quality of the pump
- Does not include products

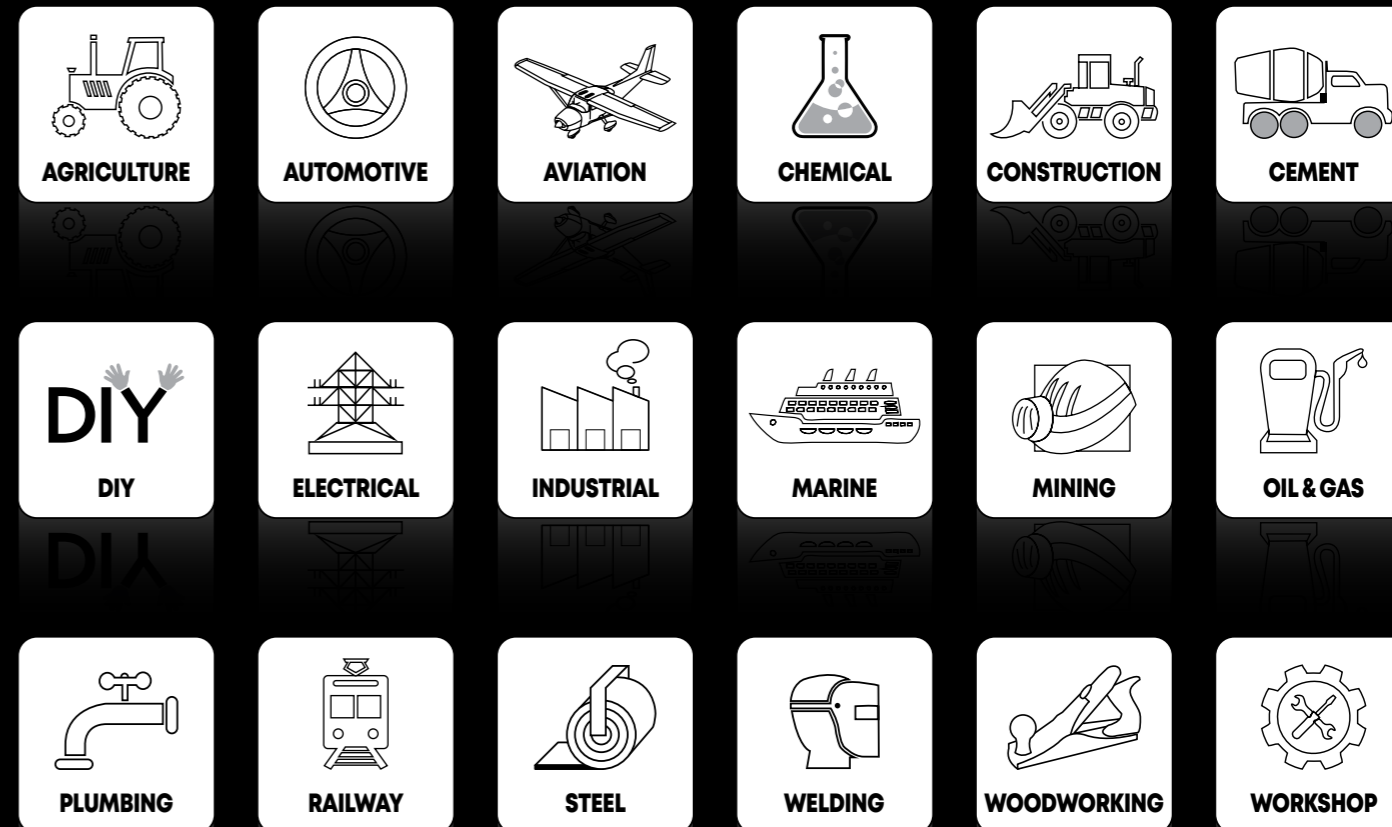


### STAND DIMENSIONS

17.9" dia x 26" height  
(455 mm dia x 660 mm height)



## INDUSTRIES WE SERVE



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