

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Новосибирск (383)227-86-73	Сочи (862)225-72-31
Астрахань (8512)99-46-04	Калуга (4842)92-23-67	Омск (3812)21-46-40	Ставрополь (8652)20-65-13
Барнаул (3852)73-04-60	Кемерово (3842)65-04-62	Орел (4862)44-53-42	Сургут (3462)77-98-35
Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Брянск (4832)59-03-52	Краснодар (861)203-40-90	Пенза (8412)22-31-16	Томск (3822)98-41-53
Владивосток (423)249-28-31	Красноярск (391)204-63-61	Пермь (342)205-81-47	Тула (4872)74-02-29
Волгоград (844)278-03-48	Курск (4712)77-13-04	Ростов-на-Дону (863)308-18-15	Тюмень (3452)66-21-18
Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
Воронеж (473)204-51-73	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	

Heavy Duty Electric Fuel 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

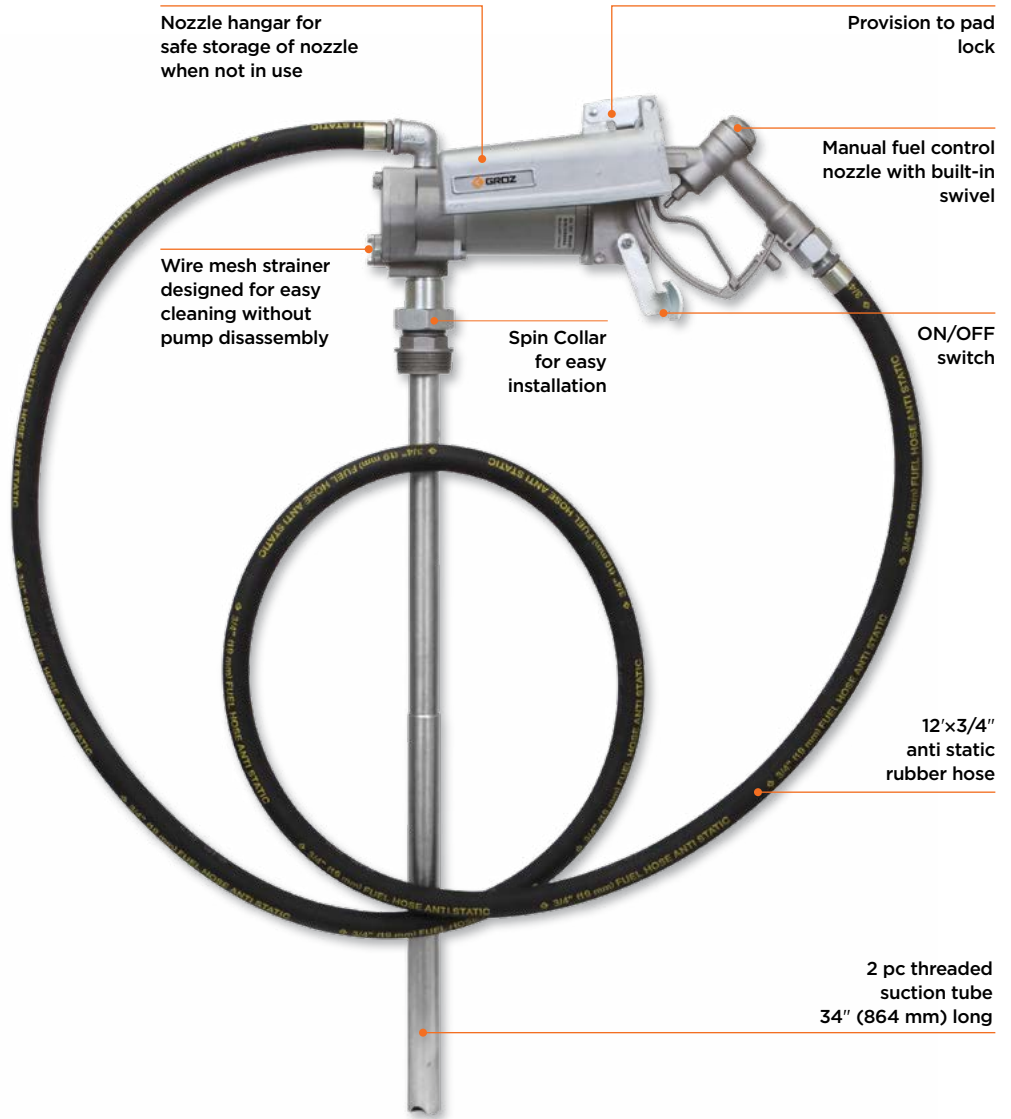
Geared construction makes the pump tolerant to contaminants in fuel; in addition to offering tremendous suction & minimal noise

UL & cUL listed Motor

Duty Cycle
30 minutes ON /
30 minutes OFF

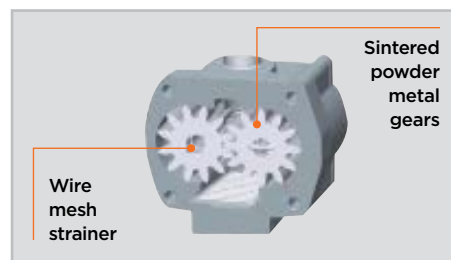
WETTED COMPONENTS
Aluminum, Steel, Cast Iron, Nylon, NBR, Zinc, Viton, Stainless Steel

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 LPM (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" × 12' anti static hose	3/4" × 12' anti static hose	3/4" × 12' anti static hose	3/4" × 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

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
SPARE			
ZSA/HOS/FPM/12	44077	12' × 3/4" anti static rubber hose	-





* Best Seller

FEATURES

FLOW RATE	GEARED PUMP
*UPTO 57 LPM (15 GPM)	

*Measured at pump outlet with vehicle engine switched on

FLUIDS

GASOLINE	DIESEL	BIO DIESEL	KEROSENE
			



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

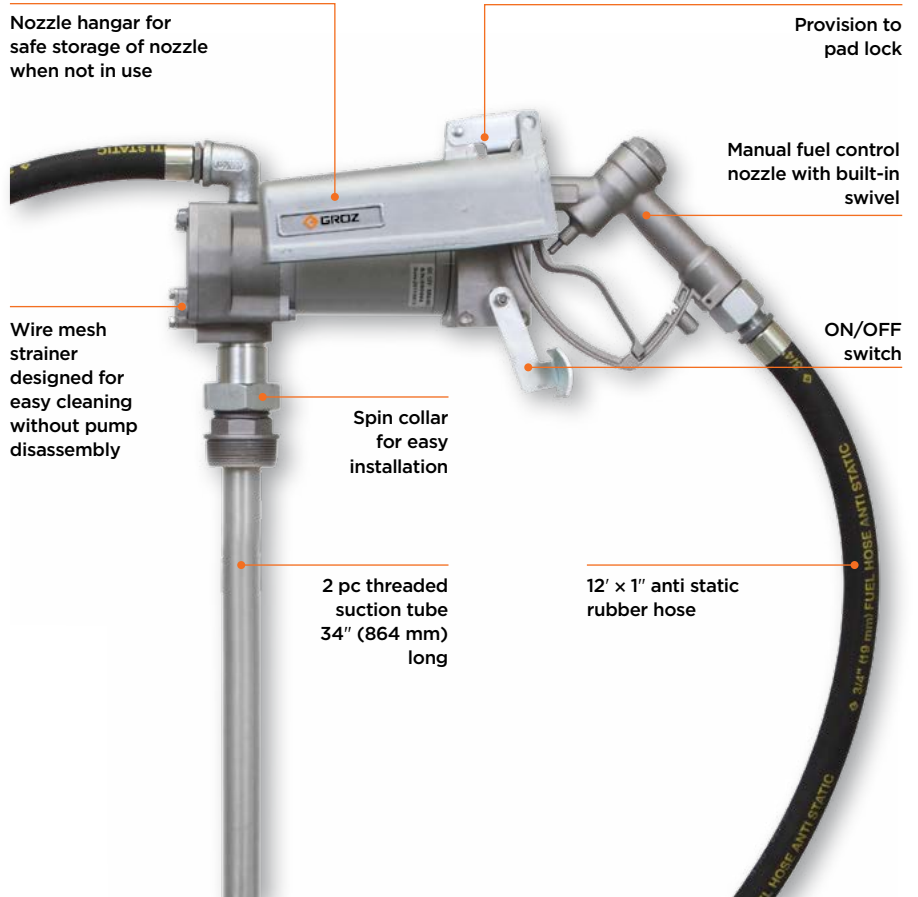
30 minutes ON /
30 minutes OFF

WETTED COMPONENTS


Aluminum, Steel, Cast Iron, Nylon, NBR, Zinc, Viton, Stainless Steel

RECOMMENDED USE

Gasoline, Diesel, E15 Fuel, Kerosene, Bio Diesel (B20)







FEATURES

FLOW RATE	GEARED PUMP
*UPTO 75 LPM (20 GPM)	

*Measured at pump outlet with vehicle engine switched on

FLUIDS

GASOLINE	DIESEL
	
BIO DIESEL	KEROSENE
	

ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
* FPM/12/HF	44045	12V DC	1

* Best Seller

SPECIFICATIONS

DESCRIPTION	
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

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

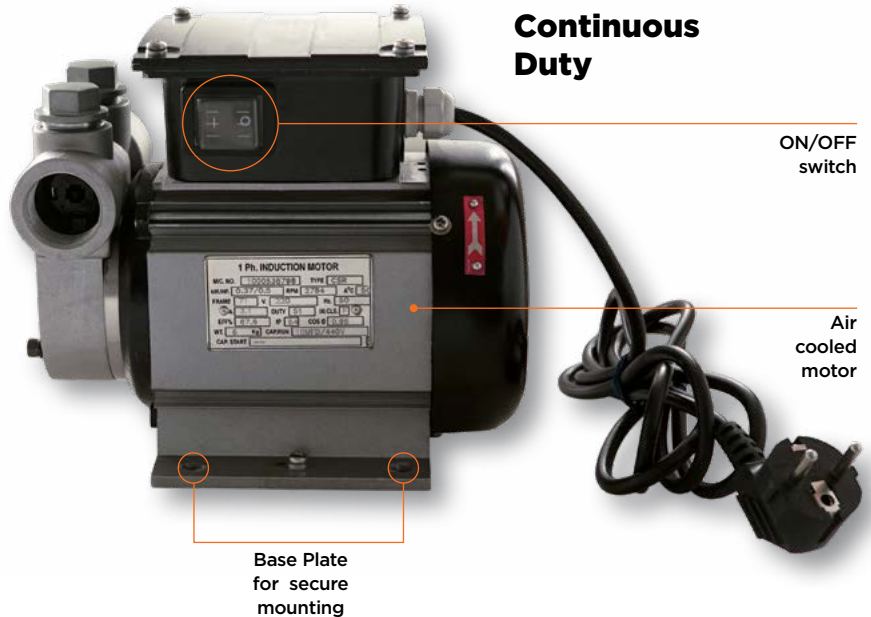
WETTED COMPONENTS

Aluminium, Nitrile Rubber, Steel, Nylon

RECOMMENDED USE

Diesel & Kerosene

Continuous Duty



FEATURES

FLOW RATE	5 VANE PUMP
UPTO 56 LPM (15 GPM)*	

*Measured at pump outlet

VARIANTS



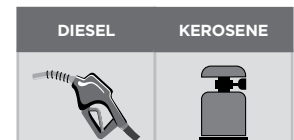
	CDP/115	CDP/220
DESCRIPTION	115V AC	220V AC
FLOW RATE	Upto 56 LPM (15 GPM)	Upto 56 LPM (15 GPM)
MOTOR	1/2 HP 110V AC, 60 Hz	1/2 HP 220V AC, 50/60 Hz
RPM	3400	2700
INTERNAL BYPASS VALVE	Yes	Yes
INLET / OUTLET	1" NPT (F)	1" BSP (F) / 1" NPT (F)
POWER CABLE LENGTH	2m (6-1/2')	2m (6-1/2')
DUTY CYCLE	Continuous Duty	Continuous Duty

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



160

Mini Bowser Diesel Refilling System

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

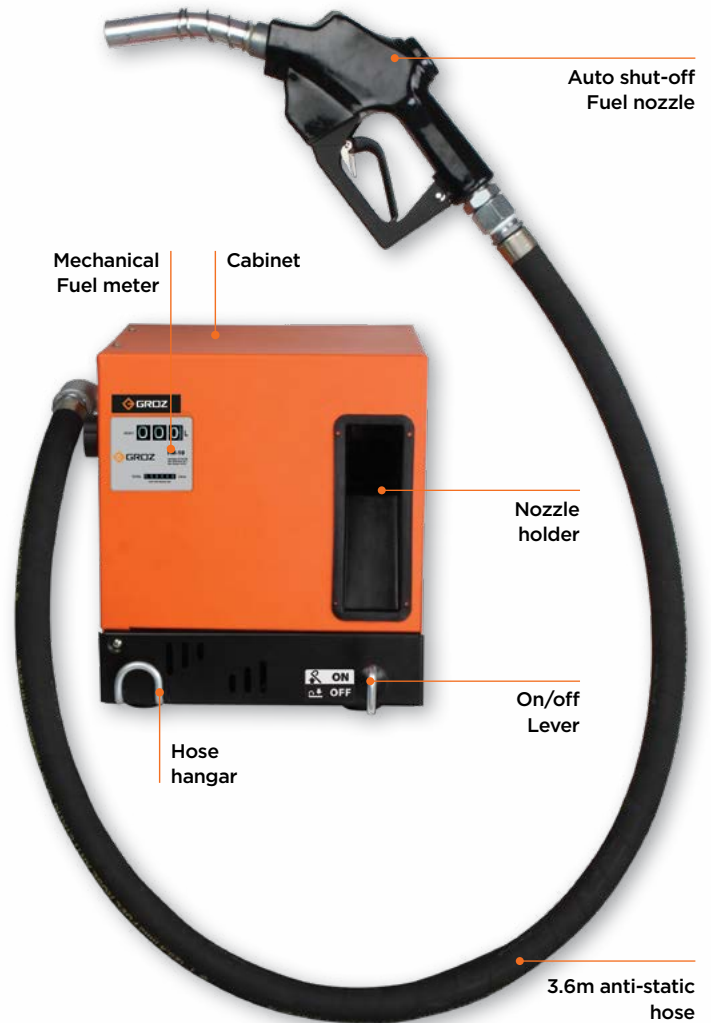
e. Anti static fuel hose

3.6m (10.5') x 1" (ID) long

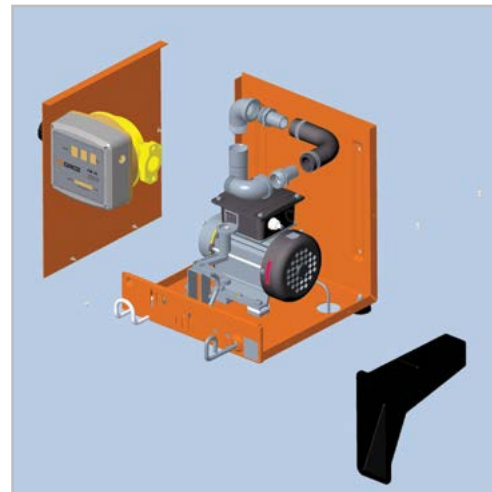
f. Hose Hangar

For safe storage of nozzle

All enclosed in a sturdy weather proof metal housing



Internal Parts

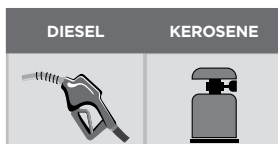


FEATURES



FLOW RATE	METER ACCURACY
UPTO 44 LPM (11 GPM)*	± 1%

*Measured at nozzle outlet

FLUIDS



VARIANTS

		
	CBN/115	CBN/220
DESCRIPTION	115V AC	220V AC
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	2700
DUTY CYCLE	Continuous Duty	Continuous Duty
POWER CABLE LENGTH	6-3/4' (2m)	6-3/4' (2m)
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	10-1/2 ft long × 1" ID	3.6m × 1" ID

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



161 Electric Oil & Fuel Pump

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

FEATURES

FLOW RATE	TEMPERATURE
UPTO 40 LPM (10.5 GPM)*	-10°C TO 40°C (14°F TO 104°F)

*measured at pump outlet tested using Diesel

FLUIDS

OIL	DIESEL	KEROSENE
		
WATER	ANTIFREEZE	WINDSHIELD FLUID
		

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
DESCRIPTION	12V DC	24V DC	110V AC, 60 Hz	230V AC, 50 Hz
FLOW RATE	Upto 35 LPM (9.25 GPM)	Upto 35 LPM (9.25 GPM)	Upto 40 LPM (10.5 GPM)	Upto 40 LPM (10.5 GPM)
MOTOR	0.43 HP Centrifugal Motor	0.43 HP Centrifugal Motor	0.43 HP Centrifugal Motor	0.43 HP Centrifugal Motor
AMP	9.2 Amp	5.6 Amp	2.9 Amp	1 Amp
ABSORBED POWER	110 W	135 W	320 W	224 W
INTERNAL BYPASS VALVE	No	No	No	No
DISCHARGE HEAD	1 Meter	1 Meter	1 Meter	1 Meter
TELESCOPIC SUCTION TUBE	Extends from 31-1/2" (800 mm) to 43-45/64" (1110 mm)			
DELIVERY HOSE	3/4" ID × 2.5m Long	3/4" ID × 2.5m Long	3/4" ID × 2.5m Long	3/4" ID × 2.5m Long
TANK ADAPTOR	2" & M64 × 4	2" & M64 × 4	2" & M64 × 4	2" & M64 × 4
OUTLET	3/4" BSP	3/4" BSP	3/4" BSP	3/4" BSP
DISPENSING NOZZLE	Manual Polypropylene nozzle with 3/4" Hose Barb	Manual Polypropylene nozzle with 3/4" Hose Barb	Manual Polypropylene nozzle with 3/4" Hose Barb	Manual Polypropylene nozzle with 3/4" Hose Barb
BATTERY/POWER CABLE	3m long with battery clamps	3m long with battery clamps	2m long with US plug	2m long with EU plug
WATER/ DUST PROTECTION	IPX-4 (protection against splashing water)	IPX-4 (protection against splashing water)	IPX-4 (protection against splashing water)	IPX-4 (protection against splashing water)
NOISE LEVEL	70 db	70 db	70 db	70 db

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





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


Available in a choice of
a. DC Version: 12V or 24V
b. AC Version: 115V or 220V

WETTED COMPONENTS
Steel, Aluminum, Zinc, Nylon, NBR, PVC Nitrile, Acetal

RECOMMENDED USE
Diesel & Kerosene





FEATURES

FLOW RATE	5 VANE PUMP
UPTO 46 LPM (12 GPM)*	

*Measured at pump outlet with vehicle engine switched on

FLUIDS

DIESEL	KEROSENE
	

SPECIFICATIONS




DESCRIPTION	12V DC	24V DC	115VAC	220V AC
MOTOR	1/4 HP 12V DC	1/4 HP 24V DC	1/4 HP 115V AC, 60 Hz	1/4 HP 220V AC, 50/60 Hz
RPM	2600	2600	2600	2600
AMP DRAW FROM BATTERY	18 Amp	11 Amp	3 Amp	1.5 Amp
INTERNAL BYPASS VALVE	Yes	Yes	Yes	Yes
OUTLET	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT
BATTERY CABLE	2m	2m	NA	NA



ORDERING INFORMATION

CAT NR.	ORD NR.	CAT NR.	ORD NR.	CAT NR.	ORD NR.	CAT NR.	ORD NR.	DESCRIPTION
12V DC PUMPS		24V DC PUMPS		115V AC PUMPS		220V AC PUMPS		
EDP/12	45530	EDP/24	45535	EDP/115	45541	EDP/220	45546	Pump Only (Base Mount)
★ EDP/12M/ST	45531	EDP/24M/ST	45536	EDP/115M/ST	45542	EDP/220M/ST	45547	Pump Kit (Base Mount) with Manual Nozzle
EDP/12A/ST	45532	EDP/24A/ST	45537	EDP/115A/ST	45543	EDP/220A/ST	45548	Pump Kit (Base Mount) with Automatic Nozzle
EDP/12MD/ST	45533	EDP/24MD/ST	45538	EDP/115MD/ST	45544	EDP/220MD/ST	45549	Pump Kit (Drum Mount) with Manual Nozzle
EDP/12AD/ST	45534	EDP/24AD/ST	45539	EDP/115AD/ST	45545	EDP/220AD/ST	45529	Pump Kit (Drum Mount) with Automatic Nozzle
BASE TO DRUM MOUNT CONVERSION KIT								
DMK/EDP	45540	Accessories kit to convert Base to Drum Mount version						

★ Best Seller

VARIANTS

BASE MOUNT STYLE		
EDP-12	EDP/12M/ST	EDP/12A/ST
		
<p>Includes Pump with</p> <ul style="list-style-type: none"> • Base plate and lift handle • 2m long battery cable 	<p>Includes Pump with</p> <ul style="list-style-type: none"> • Base plate and lift handle • Manual Nozzle • 4m x 3/4" (ID) hose that can be cut & used as suction & delivery hose • Strainer • 2m long battery cable with fuse & clamps • Hardware - 3 hose barbs (3/4") & 4 hose clamps 	<p>Includes Pump with</p> <ul style="list-style-type: none"> • Base plate and lift handle • Automatic Nozzle • 4m x 3/4" (ID) hose that can be cut & used as suction & delivery hose • Strainer • 2m long battery cable with fuse & clamps • Hardware - 3 hose barbs (3/4") & 4 hose clamps

DRUM MOUNT STYLE	
EDP/12MD/ST	EDP/12AD/ST
	
<p>Includes Pump with</p> <ul style="list-style-type: none"> • Manual nozzle with nozzle holder • 2" bung • Elbow fitting • 2 pc suction tube • 3m x 3/4" (ID) delivery hose • 2m long battery cable with fuse & clamps • Hardware - 2 hose barbs (3/4") & 2 hose clamps 	<p>Includes Pump with</p> <ul style="list-style-type: none"> • Automatic nozzle with nozzle holder • 2" bung • Elbow fitting • 2 pc suction tube • 3m x 3/4" (ID) delivery hose • 2m long battery cable with fuse & clamps • Hardware - 2 hose barbs (3/4") & 2 hose clamps

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



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.
Yes	Yes	No	No	No	3/4" HB	3/4" HB	No	No	No	4
Yes	Yes	No	Manual	No	3/4" HB	3/4" HB	Combo Hose 4m long		Yes	4
Yes	Yes	No	Automatic	No	3/4" HB	3/4" HB	Combo Hose 4m long		Yes	4
No	No	Yes	Manual	Yes	1"	3/4" HB	Hose 3 m long	2 pc Steel	No	4
No	No	Yes	Automatic	Yes	1"	3/4" HB	Hose 3 m long	2 pc Steel	No	4
		Yes		Yes				2 pc Steel		

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




Designed for use in extreme heat without loss in performance

VARIANTS



	EDP/HD/12M/ST	EDP/HD/24M/ST
DESCRIPTION	12V DC	24V DC
MOTOR	1/4 HP 12V DC	1/4 HP 24V DC
POWER	180 Watts	180 Watts
RPM	2800	2800
CURRENT DRAWN	18 Amp	9 Amp
INTERNAL BYPASS VALVE	Yes	Yes
INLET	3/4" NPT	3/4" NPT
OUTLET	3/4" NPT	3/4" NPT
BATTERY CABLE	2m	2m

FEATURES

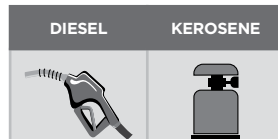
FLOW RATE	VANE PUMP
UPTO 46 LPM (12 GPM)*	

*Measured at pump outlet with vehicle engine switched on

ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
EDP/HD/12M/ST	45561	4
EDP/HD/24M/ST	45563	4

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

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

RECOMMENDED USE

Light Oils, Diesel, Bio Diesel & E85 fuels


DO NOT USE WITH

Corrosive liquids, Solvents, Acids, Alkalis etc.








11" (280 mm) clearance between the outlet & drum for convenient placement of refill containers

FEATURES

FLOW RATE	PISTON PUMP
UPTO 300 ML (10 OZ.) / STROKE	

FLUIDS

OIL	DIESEL	E85 FUEL
		
BIO DIESEL	KEROSENE	
		

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

165

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.

FEATURES

FLOW RATE	2 VANE PUMP
UPTO 205 LITRES (55 GALLON) IN 3 MIN	

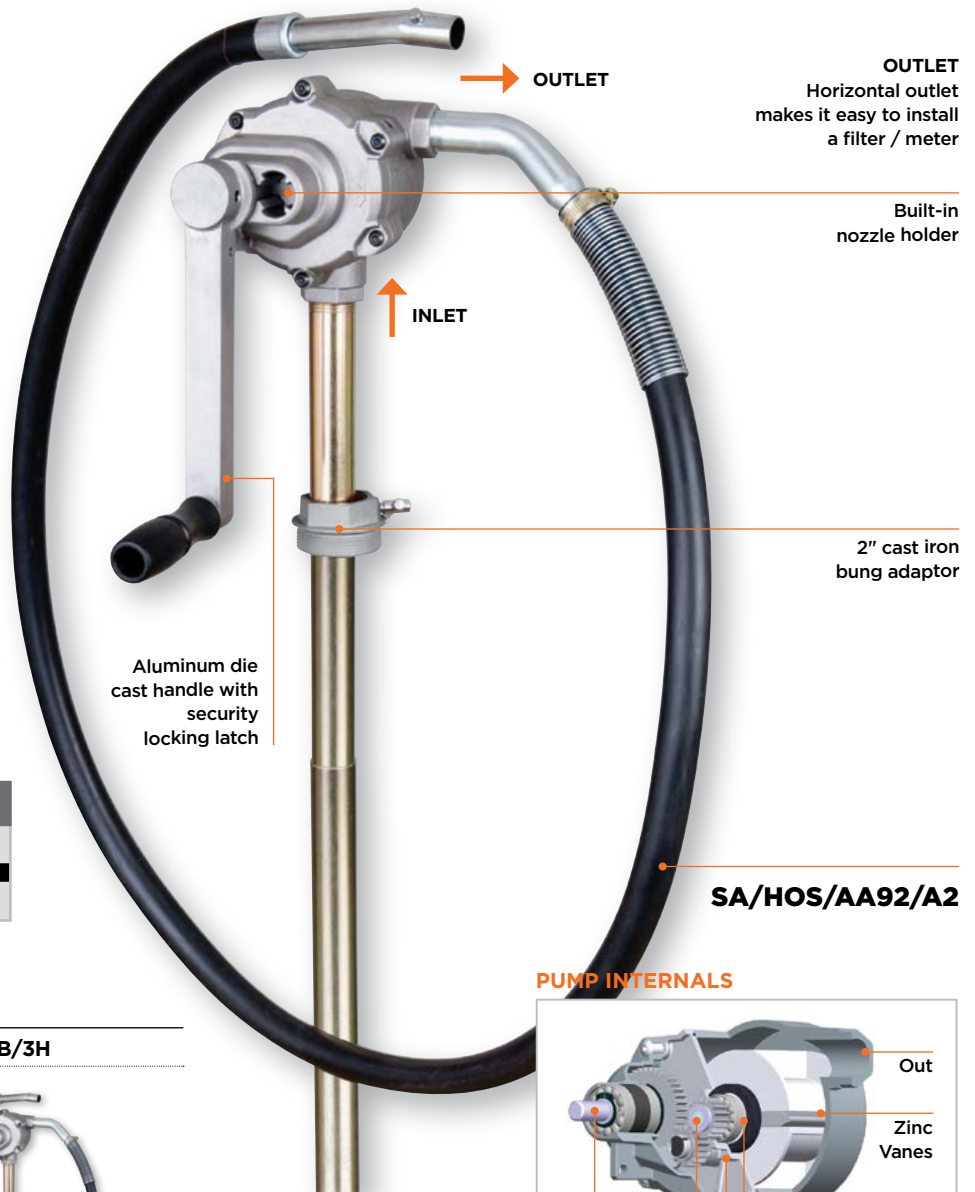
VARIANTS

RB/3	RB/3H
With metal outlet spout	With 8' (1.8 m) delivery hose & metal nozzle

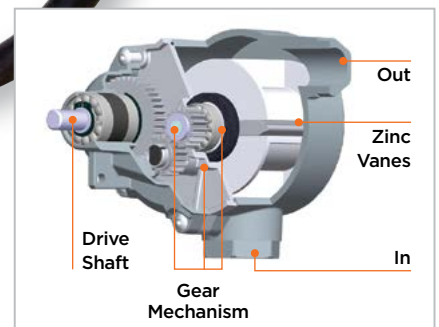
ORDERING INFORMATION

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



PUMP INTERNALS



FLUIDS

GASOLINE	DIESEL	KEROSENE

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

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

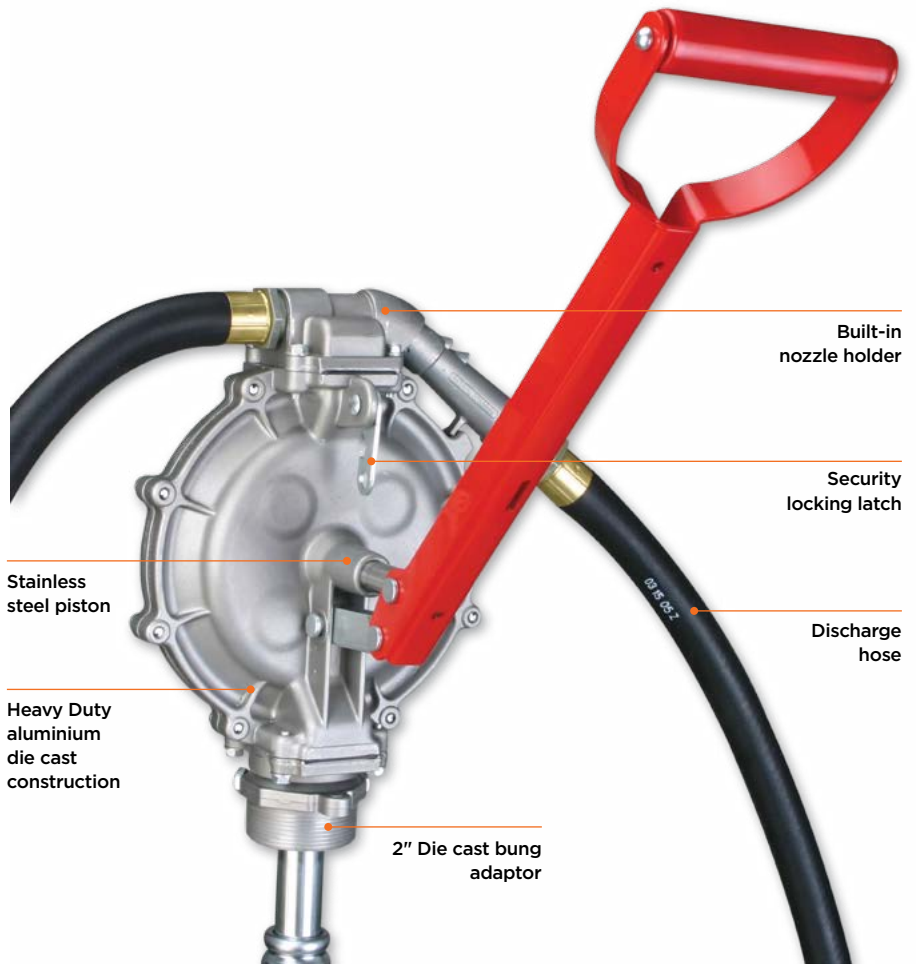
Aluminum, Steel, Stainless Steel, Poly Acetal & NBR

RECOMMENDED USE

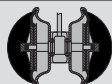
Gasoline, Diesel Fuel, Fuel Oil, Motor Oil & other light petroleum products

DO NOT USE WITH




With Corrosive Liquids, Solvents, Acids, Alkalis etc.



FEATURES

FLOW RATE	DIAPHRAGM PUMP
UPTO 800 ML / STROKE (1 GAL. IN 5 STROKES)	

FLUIDS

GASOLINE	DIESEL	KEROSENE
		

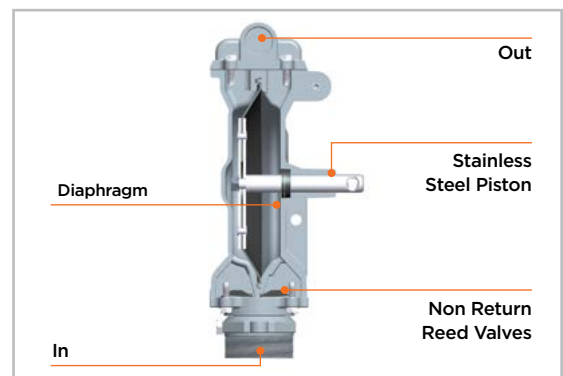
NOTE

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

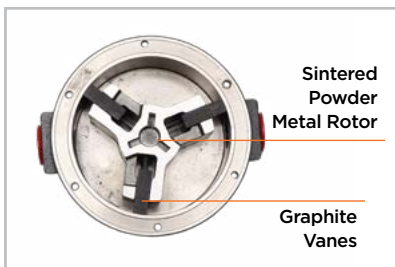
DO NOT USE WITH

With Water Based Media

FEATURES

FLOW RATE

UPTO
38 LPM
(10 GPM)



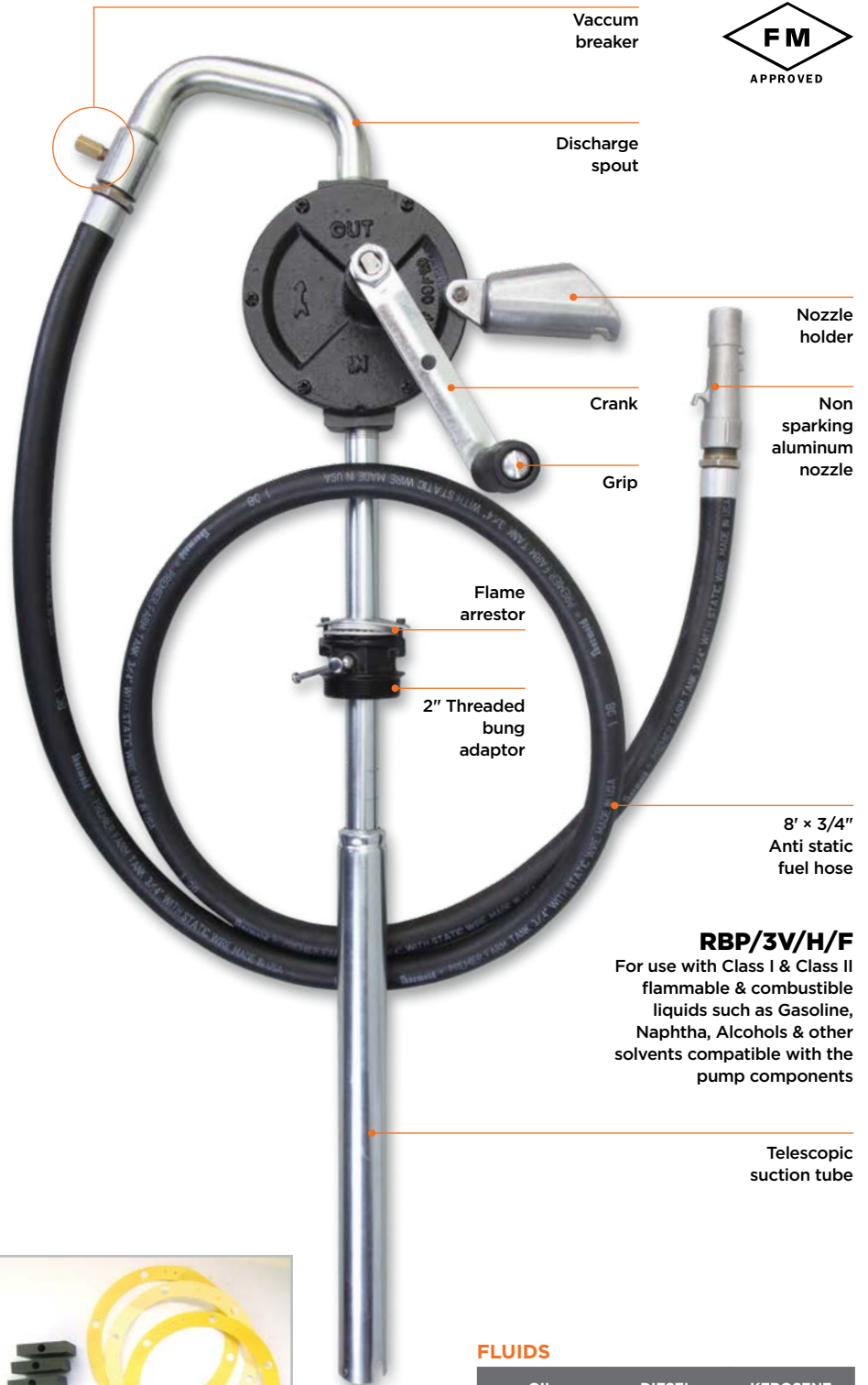
Sintered Powder Metal Rotor
Graphite Vanes

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








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

FLUIDS

OIL	DIESEL	KEROSENE
		
GASOLINE	BIO DIESEL	
		

VARIANTS

RBP/3V	RBP/3V/H
	
<ul style="list-style-type: none"> • For use with Petroleum based fluids, Diesel & Kerosene • Ideal for use with barrels, drums & tanks for transferring media into smaller containers 	<ul style="list-style-type: none"> • For use with Petroleum based fluids, Diesel & Kerosene • Ideal for use with barrels, drums & tanks for quick refuelling of diesel powered vehicles & equipment
RBP/3V/H/MT	RBP/3V/F
 <p data-bbox="544 1144 671 1167">DP/RBP/3V</p> 	 <div data-bbox="1267 949 1410 1039" style="border: 1px solid black; padding: 5px; text-align: center;"> <p>FM APPROVED</p> </div>
<ul style="list-style-type: none"> • For use with Diesel & Kerosene • Ideal for quick refuelling of diesel powered vehicles & equipment 	<ul style="list-style-type: none"> • For use with Class I & Class II flammable & combustible liquids such as Gasoline, Naphtha, Alcohols & other solvents compatible with the pump components

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
FM APPROVED PUMPS			
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, Vacuum Breaker & Flame Arrestor	2
DP/RBP/3V	44083	Replacement Drip Pan only	10
SERVICE PARTS			
KIT/RBP/3V	44086	Repair Kit	-
SA/HOS/RBP/3V	44338	8' (1.8 m) × 3/4" Replacement Hose	-

★ Best Seller



12V 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

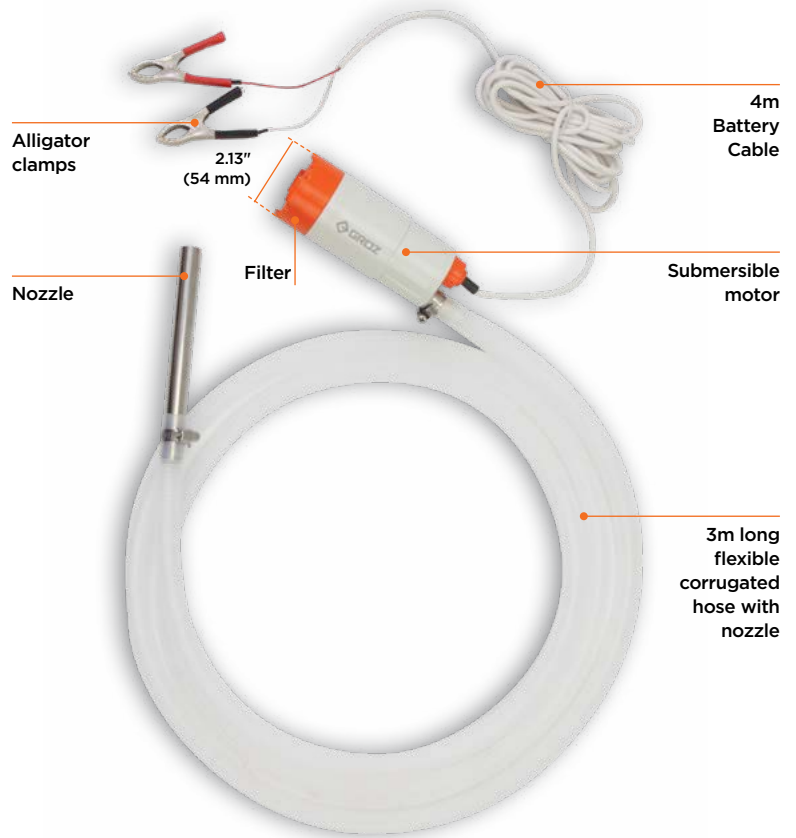
RECOMMENDED USE

Kerosene, Diesel, Water, Untreated water (Not safe for drinking)

DO NOT USE WITH

Gasoline or Other volatile liquids.





Do not run dry

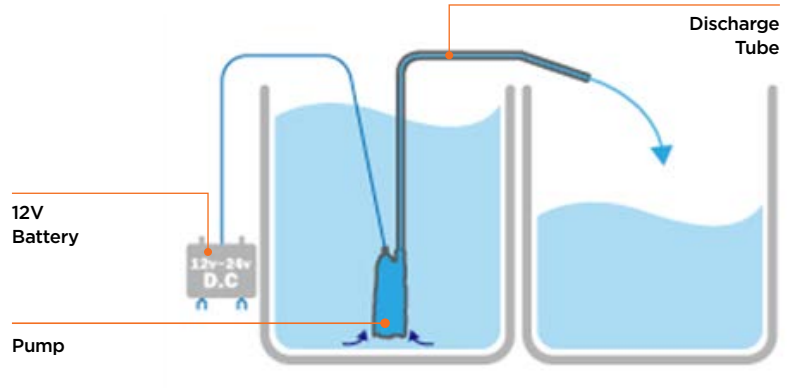


FEATURES

FLOW RATE	POWER SOURCE
UPTO 15 LPM (4 GPM) AT 1 M HEIGHT	12V DC

FLUIDS

DIESEL	KEROSENE
	
WATER	LIGHT OIL
	



ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
SDP/12	44415	10

SPECIFICATIONS

MOTOR TYPE	Submersible
MOTOR RATING	12V DC
BODY DIA.	54 mm (2.13")
MAX. DISCHARGE HEAD	Upto 11m (36.1')
DISCHARGE HOSE LENGTH	3m (9.8')
GROSS WEIGHT	Approx. 575 g (20.3 oz.)

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.

FEATURES

FLOW RATE		WORKING PRESSURE	
UPTO 30 LPM (8 GPM)		30 TO 100 PSI (2 TO 7 BAR)	
MAX. AIR INLET PRESSURE	MAX. OUTLET PRESSURE	PISTON PUMP	
100 PSI (7 BAR)	45 PSI (3 BAR)		

FLUIDS

OIL	ANTIFREEZE	WATER	DEF / ADBLUE
			
PESTICIDES & HERBICIDES	UREA	WINDSHIELD FLUID	
			

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



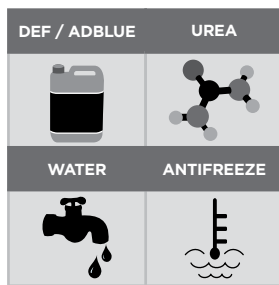
SPECIFICATIONS

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 (8 GPM) at Air Pressure of 100 PSI (7 BAR)
AIR INLET CONNECTION	1/4" (F)
PUMP OUTLET	3/4" (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

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

FEATURES

FLOW RATE
UPTO 34 LPM (9 GPM)
TEMPERATURE
-10°C TO 50°C (14°F TO 122°F)



PART LIST

	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

KIT-IBC

KIT-DRM

SPECIFICATIONS

DESCRIPTION	DRUM MOUNT	TOTE MOUNT
INLET HOSE SIZE	4' × 3/4" ID	6' × 3/4" ID
OUTLET HOSE SIZE	2' × 3/4" ID	20' × 3/4" ID
SUCTION HOSE SIZE	4' × 3/4" ID	5' × 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
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.
TOTE MOUNTING KIT		
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
DRUM MOUNTING KIT		
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

DRUM MOUNTING KIT

FEATURES

FLOW RATE
UPTO 34 LPM (9 GPM)
TEMPERATURE
-10°C TO 50°C (14°F TO 122°F)



PART LIST

	KIT/DRM/DEF/1/US	KIT/DRM/DEF/2/US	KIT/DRM/DEF/3/US	KIT/DRM/DEF/4/US
	BASIC	BASIC WITH MICROMATIC VALVE	ADVANCED	PREMIUM
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	-	-	-
CONNECTING HARDWARE	Yes	Yes	Yes	Yes

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, Antifreeze, Detergents etc.


DO NOT USE WITH

Diesel, Kerosene, Gasoline, Oils etc.



DEFP/12

FEATURES

FLOW RATE	WORKING TEMPERATURE
UPTO 34 LPM (9 GPM)	-10°C TO 50°C (14°F TO 122°F)
WATER / DUST PROTECTION	DIAPHRAGM PUMP
IP55	



DEFP/115

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

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	-

* Best Seller

The Groz Professional Series, Stainless Steel Pump is specifically engineered for efficient & safe dispensing of DEF/Adblue.

NEW!

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, Polyacetal, Viton

RECOMMENDED USE

DEF/Adblue, Urea, Water, Antifreeze, Antifreeze, Detergents etc.

DO NOT USE WITH

Diesel, Kerosene, Gasoline, Oils etc.



SPECIFICATIONS

DESCRIPTION	115V AC	220V AC
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
WATER/ DUST PROTECTION	IP54	IP54

ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	INLET / OUTLET
DEFP/SS/220/EU	47550	220V AC, 50Hz, Power cord with European Socket	3/4" Hose Barb
DEFP/SS/220/AU	47551	220V AC, 50Hz, Power cord with Australian Socket	
DEFP/SS/220/UK	47552	220V AC, 50Hz, Power cord with British Socket	
DEFP/SS/115/US	47554	115V AC, 60Hz, Power cord with US Socket	
REPAIR KIT			
RK/DEFP/SS		Repair kit for SS electric DEF pump	

FEATURES

FLOW RATE	TEMPERATURE	
UPTO 56 LPM (15 GPM)	-10°C TO 50°C (14°F TO 122°F)	
PROTECTION	STAINLESS STEEL	5 VANE PUMP
IP54		

FLUIDS

DEF/ADBLUE	UREA	ANTIFREEZE
SOAP	WINDSHIELD FLUID	WATER
DETERGENTS		



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

- a. Suction tube for use with 50-205 litres (15-55 gallons) drums
- b. 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

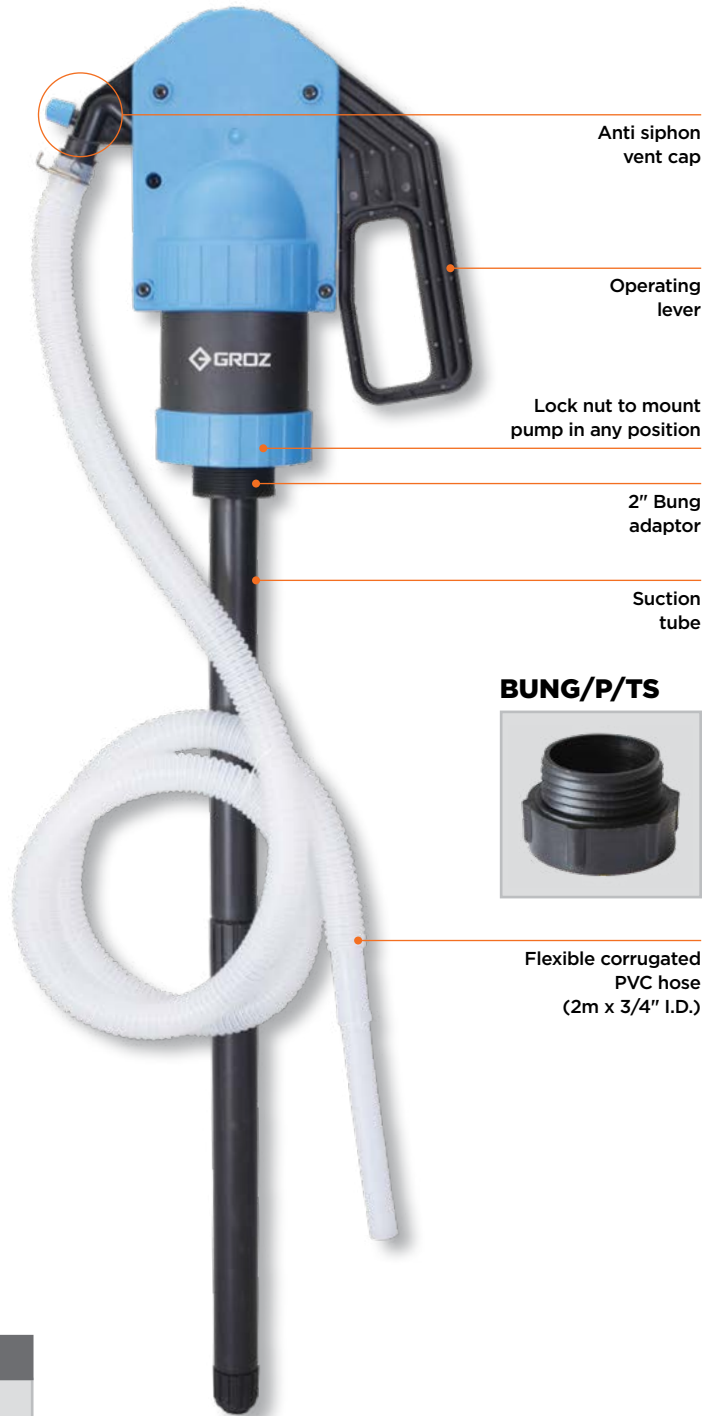
RECOMMENDED USE

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

Any media not compatible with materials used in the pump construction


These pumps must never be used for fuel transfer or with thinners, solvents etc.



BUNG/P/TS



FEATURES








FLOW RATE	WORKING TEMPERATURE	PISTON PUMP
UPTO 500 ML (1 PINT) / STROKE	-5°C TO 45°C (23°F TO 113°F)	

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 an additional Tri sure adapter	10
BUNG/P/TS	44166	Spare Tri sure adapter	-

★ Best Seller

FLUIDS

OIL	ANTIFREEZE	DEF / ADBLUE	UREA
			
WATER	WINDSHIELD FLUID	PESTICIDES & HERBICIDES	
			

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

- a. Full length pump for use on 205 litre (55 gallon) drums
- b. 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.

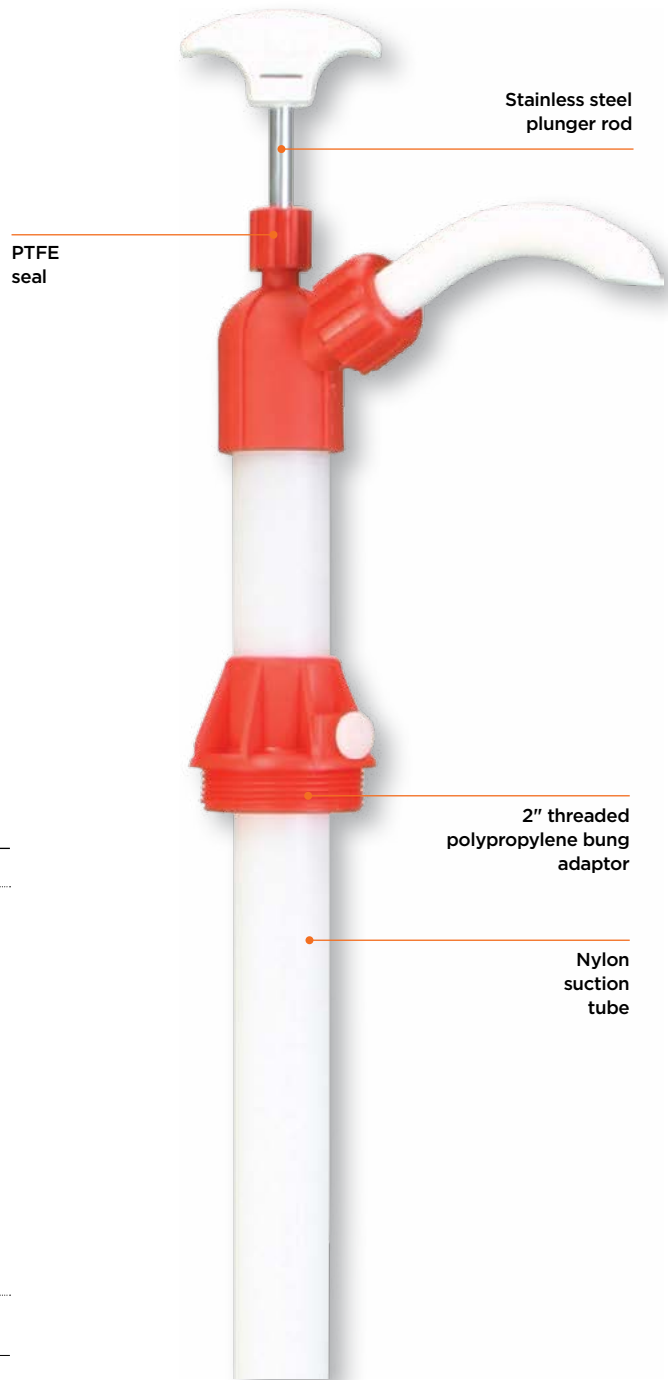
VARIANTS

CMP/12	CMP/12S
For use with 205 litre (55 gal.) drums	For use with 25 litre drums

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



FLUIDS

OIL	BIO DIESEL	WATER	DEF / ADBLUE
ANTIFREEZE	UREA	WINDSHIELD FLUID	LACQUERS & THINNERS



Worlds 1st 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 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 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, 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

FLUIDS

DIESEL	DEF / ADBLUE	WATER	KEROSENE
DETERGENTS	ANTIFREEZE	PESTICIDES & HERBICIDES	LIGHT OIL

3/4" (19 mm) SS spout

Lift handle

19.2V, 1.5Ah Ni cd/18.5V, 1.3Ah Li-ion battery

Thread converter (With 2.5 x 5 mm Buttress threads)

Telescopic suction tube

SS strainer

55.5 mm

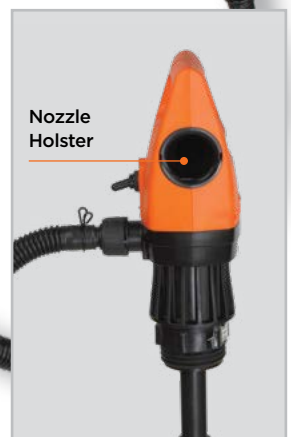


Manual dispensing nozzle

On/off switch

Pump outlet with swivel connection

Flexible corrugated hose 2m (6.6') long



Nozzle Holster

EDR/55T/RB/19N/US

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° to 40°C (41° 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 ◆ New



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



FEATURES

FLOW RATE

**UPTO
5 LITRES (1.3 GAL.)
PER 20 TURNS**

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

PRP

ERP

VARIANTS

ERP/01	PRP/01	PRP/02	PRP/10
			 <p>3/4" Inlet & Outlet threads on the pump also make it suitable for use on IBC's/ Totes, connecting with standard fittings</p>
<p>RECOMMENDED USE Light Oils, Antifreeze</p> <p>DO NOT USE WITH Acids, Chemicals, Solvents etc.</p>	<p>RECOMMENDED USE Acids, Chemicals, Water based media, antifreeze, detergents, Urea, Adblue, DEF, Benzene, Glycerine etc.</p> <p>DO NOT USE WITH Acetone, Lacquer, Mineral Oils, Solvents, Turpentine etc.</p>	<p>RECOMMENDED USE DEF, Adblue, Urea</p> <p>DO NOT USE WITH Acetone, Lacquer, Mineral Oils, Solvents, Turpentine etc.</p>	<p>RECOMMENDED USE</p> <ul style="list-style-type: none"> • Esters- Ethyl Acetate • Alcohols- Benzyl Alcohol, Butyl Alcohol, Methyl Alcohol • Acetone, MEK • Bases- Ammonium Hydroxide, Potassium Hydroxide, Sodium Hydroxide, Baking Soa, detergents etc. • Hydrocarbons- Ethylene Glycol, Naptha, Fuel Oils, Phenol • Water Based Media • Urea, Adblue, DEF <p>DO NOT USE WITH 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



177

316 Stainless Steel Vertical Lift Pump

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, Naptha, Urea, DEF, Adblue, Light oil (upto SAE 40) etc.

DO NOT USE WITH

Heavy oils







SPECIFICATIONS

PUMP TYPE	Vertical Lift
MAX. VISCOSITY	SAE 40
ADAPTOR TYPE	2"
MAX. TEMPERATURE	60° C (140°F)

FEATURES

FLOW RATE
UPTO 20 OZ. (600 ML) / STROKE

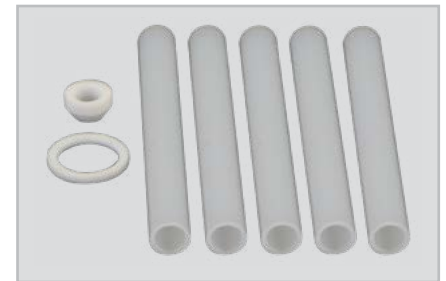
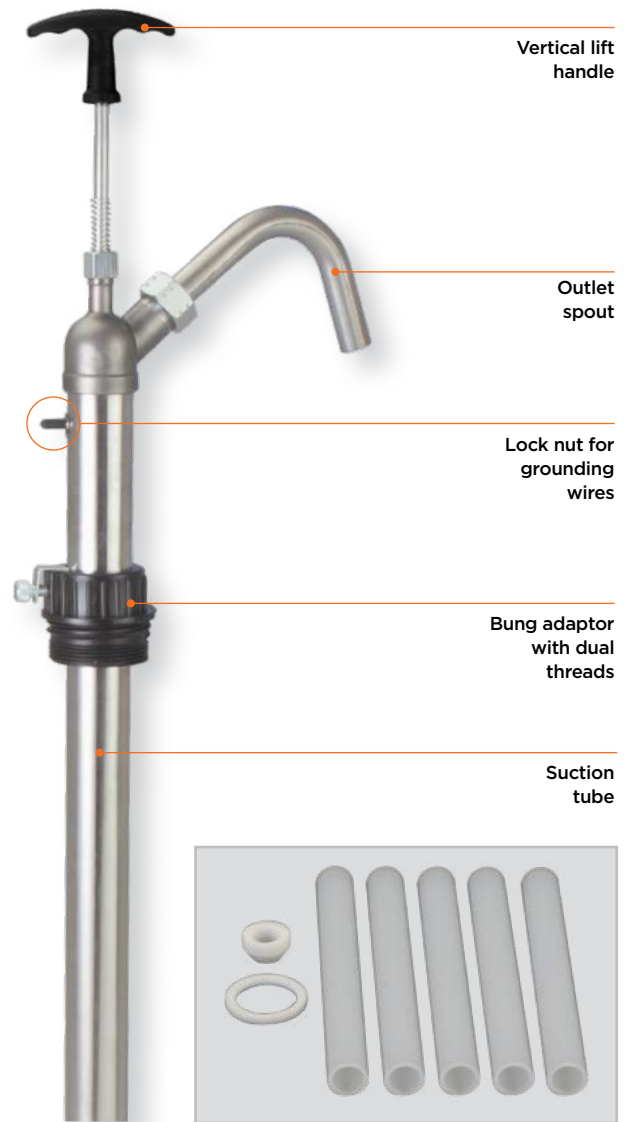
FLUIDS

DIESEL	KEROSENE	DEF / ADBLUE
		
NAPHTHA	UREA	LIGHT OILS
		

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

GROZ also manufactures Vertical Lift Pumps in carbon steel, refer to page 109 for details

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

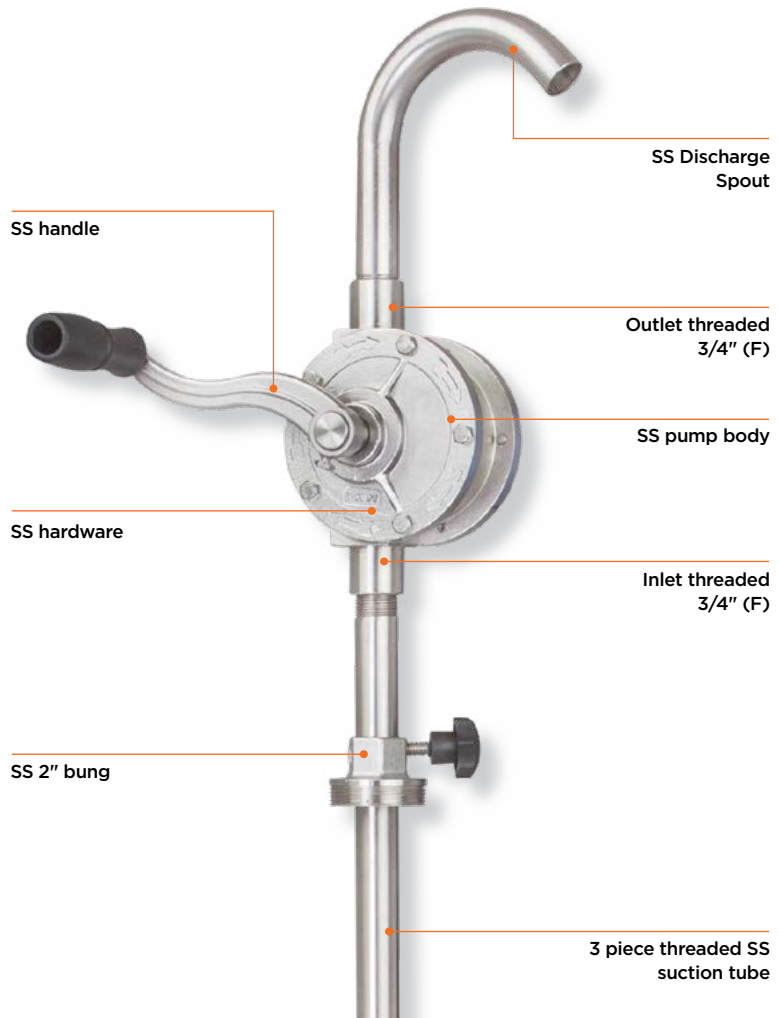
Stainless Steel 304, PTFE

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.

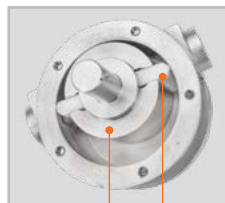


FEATURES

FLOW RATE
UPTO 4 LITRE (1 GALLON) / 20 TURNS



PTFE Shaft Seal



SS Rotor PTFE Vanes



PTFE Rotor Support for smooth movement with minimal wear

FLUIDS

WATER	ACIDS	DEF / ADBLUE	ANTIFREEZE	LACQUERS & THINNERS	CHEMICAL
					

ORDERING INFORMATION

CAT NR.	ORD NR.	PUMP INLET/OUTLET	BOX QTY.
GNB/SS/25/3R/SPL	44015	3/4" (F)	4

GROZ also manufactures Cast Iron Rotary Pumps, refer to page 113 for details



179

316 Stainless Steel Safety Pumps

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

DIESEL	KEROSENE	GASOLINE	UREA
			
NAPHTHA	LAQUERS & THINNERS	DEF / ADBLUE*	
			

ORDERING INFORMATION

CAT NR.	ORD NR.	PUMP TYPE	SUITABLE FOR	BOX QTY.
VLP/SS/5/F	44131	Vertical Lift	20-30 litre (5 gal.) pails	10
* VLP/SS/55/F	44132	Vertical Lift	50-205 litre (15-55 gal.) drums	10
LLP/SS/5/F	44147	Lever Action	20-30 litre (5 gal.) pails	10
LLP/SS/55/F	44148	Lever Action	50-205 litre (15-55 gal.) drums	10

* Best Seller



FLOW RATE
UPTO
200 ML (7 OZ.)
PER STROKE



FLOW RATE
UPTO
60 ML (2 OZ.)
PER STROKE

GROZ also manufactures Safety Pumps in carbon steel, refer to page 111 for details

CHEMICAL COMPATIBILITY CHART

CHEMICALS	COMPATIBILITY
Acetaldehyde	Excellent
Acetic acid 20%	Excellent
Acetone	Excellent
Alcohol: Amyl	Excellent
Alcohol: Benzyl	Good
Alcohol: Diacetone	Excellent
Alcohol: Ethyl	Excellent
Alcohol: Hexyl	Excellent
Alcohol: Isobutyl	Excellent
Alcohol: Methyl	Excellent
Ammonia, anhydrous	Good
Ammonia, liquid	Good
Ammonia: 10%	Excellent
Ammonium Hydroxide	Excellent
Amyl Acetate	Excellent
Anti-freeze	Fair
Benzene	Good
Benzoic Acid	Good
Bleach	Fair
Boric Acid	Excellent
Calcium Chloride (30% in water)	Good
Calcium Hypochlorite	Good
Citric Acid	Excellent
Detergents	Excellent
Diesel Fuel	Excellent
Ethyl Acetate	Good
Ethylene Glycol	Good
Formic Acid	Excellent
Fuel Oils	Good
Gasoline	Excellent
Glycerin	Excellent
Hydrochloric Acid, to 37%	Bad
Hydrogen Peroxide, to 30%	Good

CHEMICALS	COMPATIBILITY
Jet Fuel (JP3: JP4: JP5)	Excellent
Kerosene	Excellent
Lacquer	Excellent
Lacquers	Excellent
Lactic Acid	Good
Methyl Ethyl Ketone	Excellent
Mineral Spirits	Excellent
Naphtha	Good
Nitric Acid, to 20%	Excellent
Oxalic Acid, (Cold)	Excellent
Phenol	Good
Phosphoric Acid, to 40% solution	Fair
Photographic (developer)	Excellent
Potassium Chloride	Excellent
Potassium Hydroxide	Excellent
Potassium Sulfate	Excellent
Propylene Glycol	Good
Silicone	Excellent
Sodium Bicarbonate (Baking Soda)	Excellent
Sodium Carbonate (Soda Ash)	Excellent
Sodium Chloride	Good
Sodium Hydroxide 50% (Caustic Soda)	Good
Sodium Nitrate	Good
Sodium Sulfate	Good
Stoddard Solvent	Excellent
Sulfuric Acid, 75%	Bad
Toluene, Toluol	Excellent
Trichlorethylene	Good
Thinners	Excellent
Turpentine	Excellent
Urea/DEF/Adblue	Good
Water	Excellent
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)



180 Polypropylene Chemical Pump 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

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.




ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
CMP/10	44192	25

FEATURES

FLOW RATE
UPTO 400 ML (14 OZ) / STROKE

FLUIDS

DETERGENTS	ANTIFREEZE	WINDSHIELD FLUID
		



181 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

Complete with 5' (1500 mm) braided PVC hose fitted with quick connect coupler and return valve

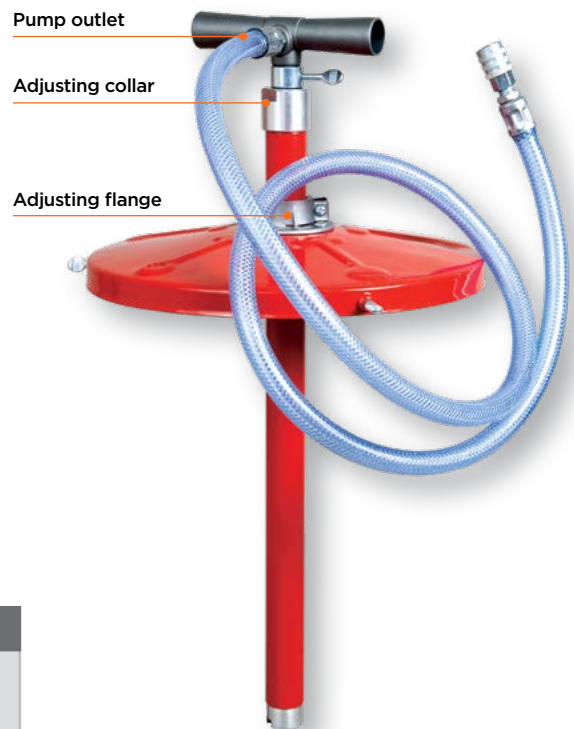
WETTED COMPONENT
Steel, Aluminum, NBR, PVC

ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
TSP/03	44199	10

FEATURES

FLOW RATE
UPTO 230 ML (8OZ.) / STROKE



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

- a. Two piece telescopic suction tube for use with 50-205 litres (15-55 gallons) drums
- b. 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

FEATURES

WORKING TEMPERATURE	PISTON PUMP
-5°C TO 45°C (23°F TO 113°F)	

FLUIDS

WATER	DIESEL	KEROSENE	OIL
ACIDS	CHEMICAL	ANTIFREEZE	

ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
PLP/20	44113	10

NEW!



VARIABLE HANDLE SETTING

FLOW SETTING	LOW FLOW 1	MEDIUM FLOW 2	HIGH FLOW 3
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

Battery operated pump for quick & convenient transfer of 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 pressing 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 1500 litres (396 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

WETTED COMPONENTS

Polypropylene, Polyethylene, NBR, SS & Acetal

RECOMMENDED USE

Diesel, Kerosene, Light Oils, Water & Other Water based media compatible with pump components. Pump should be used with light weight & non flammable liquids only





DO NOT USE WITH

Any media not compatible with materials used in the pump construction. Pump must never be used with acids, acetone, benzene etc.

FEATURES

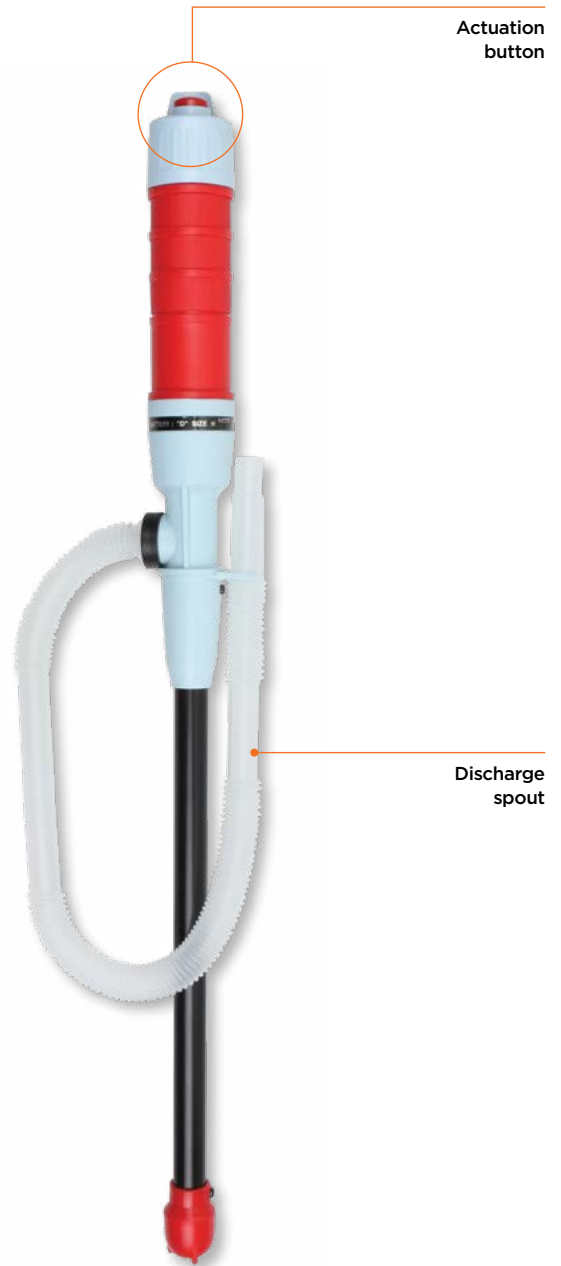
FLOW RATE
UPTO 7 LPM (1.8 GPM)

FLUIDS

DIESEL	KEROSENE	WATER	OIL
			

ORDERING INFORMATION

CAT NR.	ORD NR.	TOTAL LENGTH		SUCTION TUBE LENGTH		BOX QTY.
		(INCH)	(MM)	(INCH)	(MM)	
BOP/5	44410	24.6	625	14.8	375	40



WARNING

Pump must never be used with hot media at temperatures above 60°C (140°F)

4AA battery operated pump

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

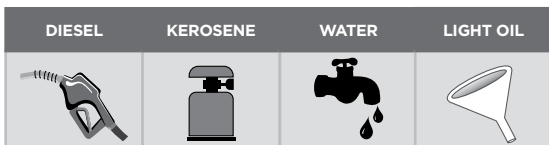
WETTED COMPONENTS
Polypropylene, Polyethylene, Polyacetal

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



FLUIDS



FEATURES

FLOW RATE	TEMPERATURE RANGE
UPTO 9 LPM (2.4 GPM)	-5°C TO 45°C 23°F TO 113°F

ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
BOP/10	44411	20

SPECIFICATIONS

MOTOR RATING	12V DC
DISCHARGE HOSE LENGTH	2.3' (715 mm)
SUCTION TUBE LENGTH	1.5' (460 mm)
TOTAL LENGTH	1.8' (540 mm)
NET WEIGHT	304 gm (10.7 oz)



185

**Battery Operated
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
a. Full control on fluid outflow
b. 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

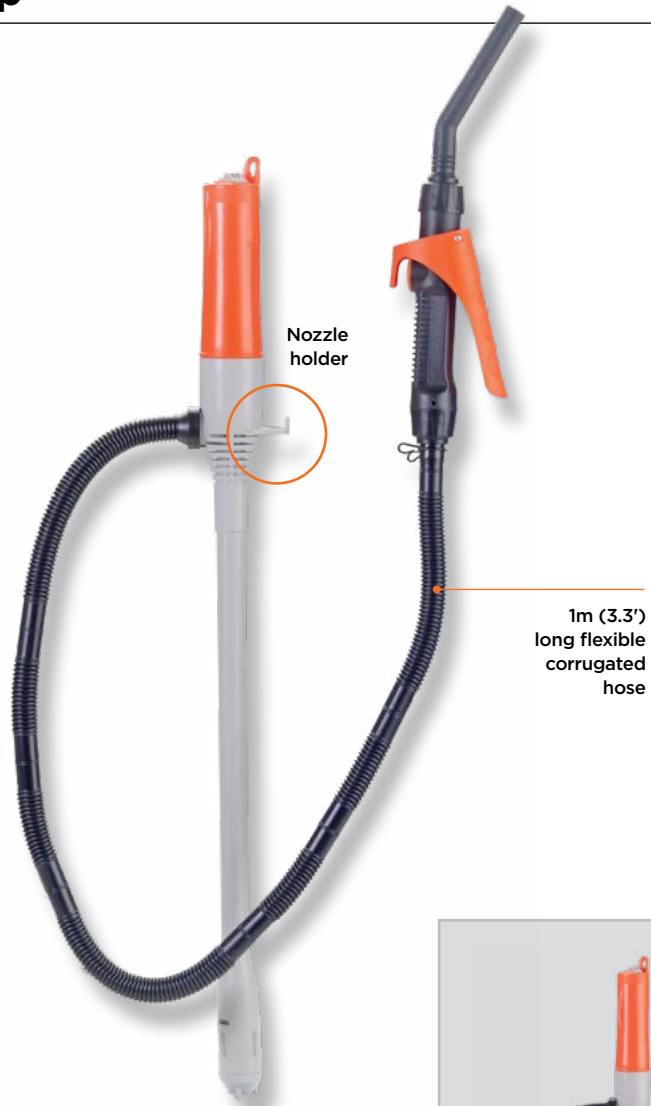
Polypropylene, Polyethylene & Acetal

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



Nozzle holder










1m (3.3') long flexible corrugated hose

FEATURES

FLOW RATE

UPTO
9 LPM
(2.3 GPM)

FLUIDS

GASOLINE	DEF / ADBLUE*	PESTICIDES & HERBICIDES
		
DIESEL	KEROSENE	WATER
		
ANTIFREEZE	WINDSHIELD FLUID	DETERGENTS
		



Hook for safe keeping of nozzle when not in use

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

WARNING

Pump must never be used with hot media at temperatures above 60°C (140°F)

NEW!

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

Gasoline, Diesel, Kerosene, Light oils AdBlue, DEF, Water, Antifreeze, Windshield fluid, Mild detergents, Agricultural chemicals etc

DO NOT USE WITH

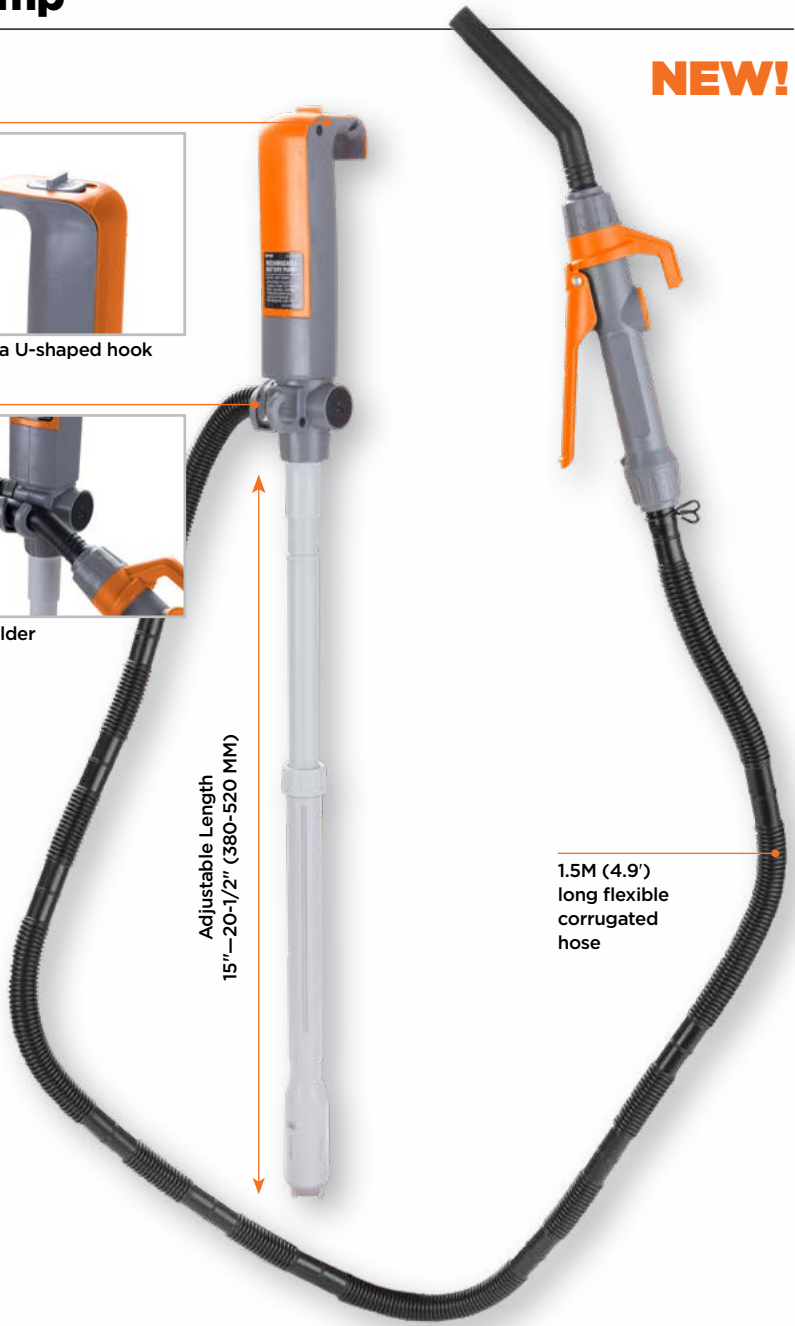
Acids, Acetone, Benzene etc



Storage via U-shaped hook



Nozzle Holder



Adjustable Length
15"-20-1/2" (380-520 MM)

1.5M (4.9') long flexible corrugated hose

FEATURES

FLOW RATE	CHARGE TIME	USB CHARGED	BATTERY
UPTO 11.5 LPM (3.04 GPM)	3 HOURS		 LITHIUM-ION RECHARGEABLE

FLUIDS

GASOLINE	DEF / ADBLUE*	ANTIFREEZE	WINDSHIELD FLUID
DIESEL	KEROSENE	DETERGENTS	

ORDERING INFORMATION

CAT NR.	ORD NR.	SUCTION TUBE LENGTH		BOX QTY.
		(INCH)	(MM)	
BOP/60	44413	15-20-1/2	380-520	10

WARNING

Pump must never be used with hot media at temperatures above 60°C (140°F)

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

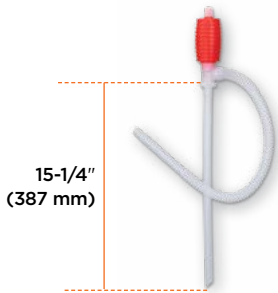
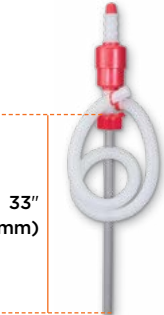
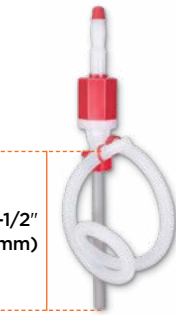
FLUIDS

SOAP	DETERGENTS
	
WATER	ANTIFREEZE
	



Vent cap

VARIANTS

SPH/1	SPH/2	SPH/3
		
WETTED COMPONENTS Polyethylene	WETTED COMPONENTS Polyethylene & Polypropylene	WETTED COMPONENTS Polyethylene & Polypropylene

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

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

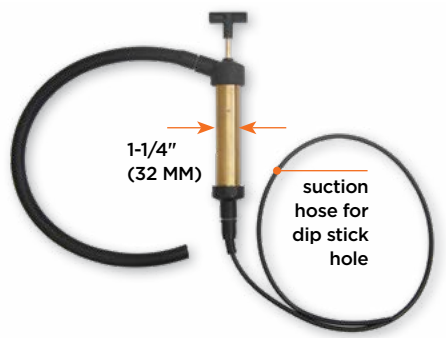
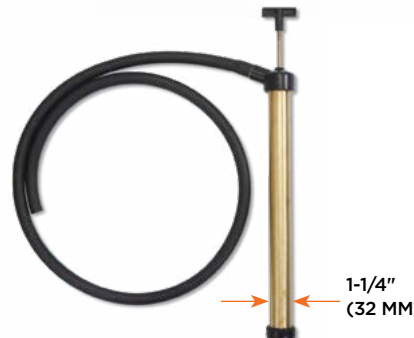
Self priming

Fully serviceable with no threaded parts

For use on cars, boats, motorcycles, ATV's, lawn & garden equipment etc.



VARIANTS

BLG/1	BLG/2
	
<p>Complete with</p> <p>a. 24" (600 MM) of 1/2" (12 MM) dia. discharge hose</p> <p>b. 40" (1000 MM) of 1/4" (6 MM) dia. of suction hose</p> <p>Used for</p> <ul style="list-style-type: none"> • 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 <div data-bbox="103 1691 375 1825" style="background-color: #cccccc; padding: 5px; text-align: center;"> <p>FLOW RATE</p> <p>UPTO 100 ML (3.30 OZ.) / STROKE</p> </div>	<p>Complete with</p> <p>a. 60" (1500 MM) of 1/2" (12 MM) dia. discharge hose</p> <p>Ideal for use as</p> <ul style="list-style-type: none"> • A Transfer / Bilge pump with Oils, Diesel, Water, Antifreeze etc. <div data-bbox="686 1691 957 1825" style="background-color: #cccccc; padding: 5px; text-align: center;"> <p>FLOW RATE</p> <p>UPTO 250 ML (8.50 OZ.) / STROKE</p> </div>

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

TEMPERATURE
MAX. 60°C (140°F)



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
		
Pump supplied complete with a. Suction & discharge hose (1" I.D. x 2m) b. Delivery nozzle c. Hose clamps 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) e. Connecting links & strainer	Complete with suction & discharge hose (1" I.D. x 2 m long), delivery nozzle & hose clamps	Pump only with 1" (25 mm) inlet & outlet hose barb ports

FEATURES








FLOW RATE	TEMPERATURE
UPTO 16.6 LPM (4.40 GPM)	-10°C TO +40°C (14°F TO 104°F)

ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
* DPP/20	44500	4
DPP/20A	44501	4
DPP/20B	44502	4

* Best Seller

FLUIDS

WATER	DIESEL	BIO DIESEL	KEROSENE
			
GASOLINE	OIL	ANTIFREEZE	
			

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:

- a. 2m (6.6') reinforced flexible hose with layered construction that makes it weather-proof, flame-proof and resistant to oil
- b. Manual dispensing nozzle with swivel and easy to press lever
- c. 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.

FEATURES

DELIVERS

**UPTO
16 LPM
(4.2 GPM)**

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

NEW!



Nozzle holder



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)

FLUIDS

DIESEL	KEROSENE	DEF / ADBLUE*	ANTIFREEZE
WINDSHIELD FLUID	DETERGENTS	WATER	OIL

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:

- a. In-Line
- b. 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

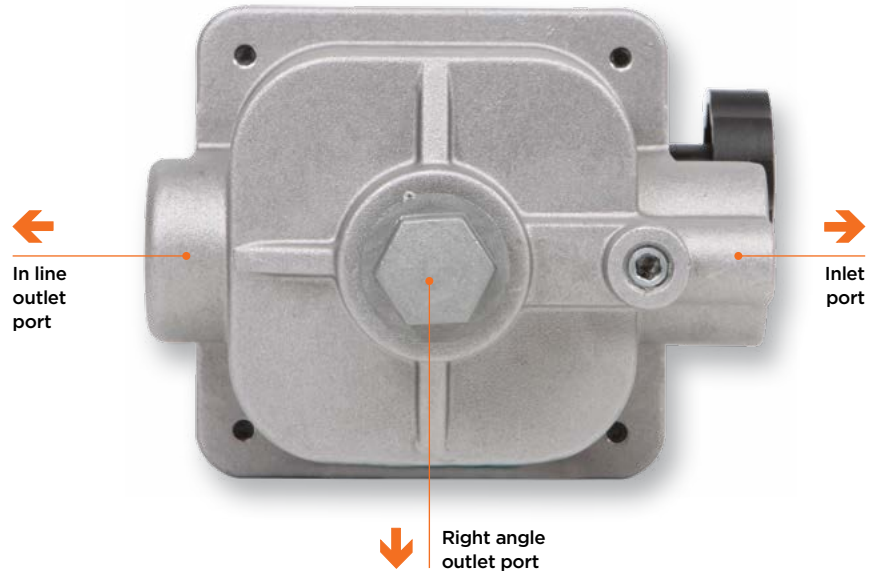
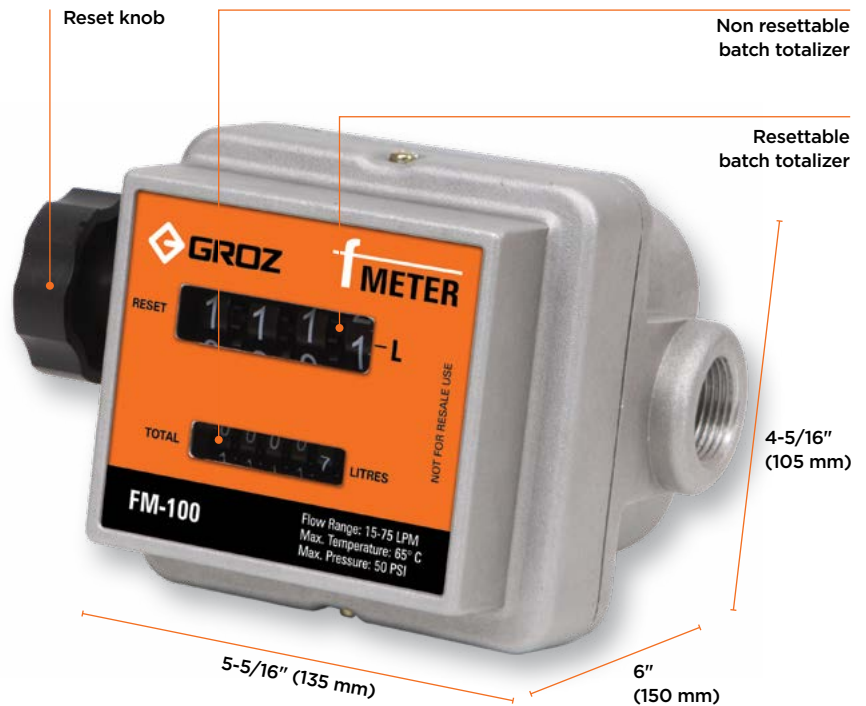
Diesel, Gasoline, Low to Medium Viscosity Oils

DO NOT USE WITH

Water based media

FEATURES

FLOW RATE	MAX. WORKING PRESSURE	
15-75 LPM (4-20 GPM)		50 PSI (3.5 BAR)
WORKING TEMPERATURE RANGE	NUTATING DISC MECHANISM	
-10° TO 65°C (14°F TO 150°F)		



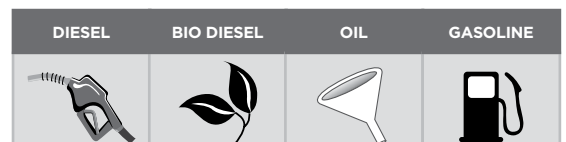
SPECIFICATIONS

FLOW RATE	15 to 75 LPM (4 to 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	999999 Litres or 99999.9 Gallons
LEAST COUNT / RESOLUTION	0.10 Litres or 0.10 Gallons

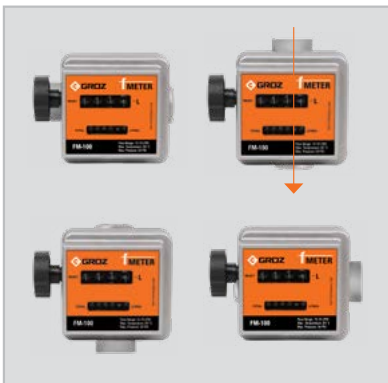
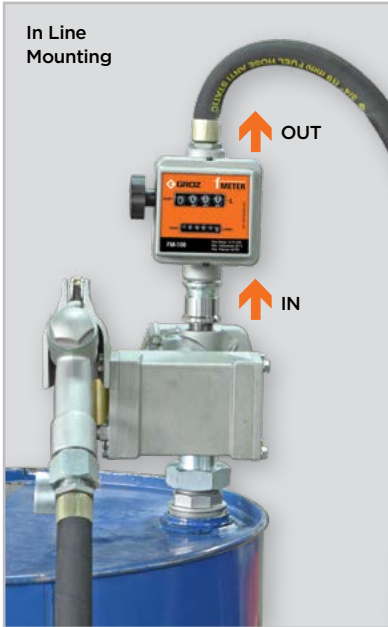
* Tested in laboratory conditions

Note: Not to be used to measure media for resale

FLUIDS



VERSATILE MOUNTING OPTIONS



Register cap can be easily removed & rotated to every 90° orientation for display reading

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



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



FLUIDS



SPECIFICATIONS

ACCURACY*	± 1%
REPEATABILITY*	± 0.30%
LEAST COUNT /RESOLUTION	0.10 Litres or 0.10 Gallons
BURST PRESSURE	435 PSI (30 BAR)
PRESSURE LOSS	3 PSI (0.20 BAR)
MAX. RESETTABLE BATCH TOTALIZER	999.9 Litres or 99.9 Gallons
MAX. NON RESETTABLE BATCH TOTALIZER	9,99,999 Litres or 99999.9 Gallons
MAX. VISCOSITY OF MEDIA	2000 cst

* Tested in laboratory conditions


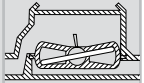
Note: Not to be used to measure media for resale

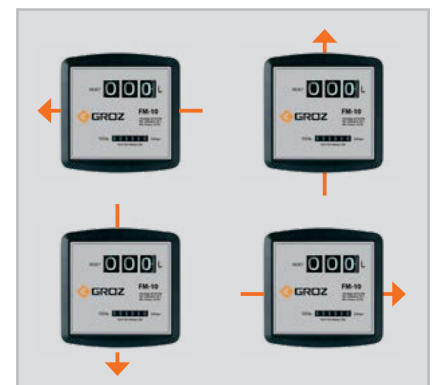
ORDERING INFORMATION

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

FEATURES

FLOW RATE	MAX. WORKING PRESSURE	
20-120 LPM (5-32 GPM)		145 PSI (10 BAR)
WORKING TEMPERATURE RANGE		NUTATING DISC MECHANISM
-10° TO 60°C (14°F TO 140°F)		



Display can be changed by rotating the card in its housing thus ensuring greater versatility in positioning

Heavy-duty high accuracy flow meter with mechanical register

Oval gear mechanism

Positive displacement meter is designed for in-line applications

Flexibility of installation options (e.g. can be mounted horizontally or vertically; no flow conditioning required)

Meter construction enables fast and easy on-site servicing without removal from application

Handles a wide variety of media

Robust aluminium cast construction



7 digit accumulative totalizer (max. 99,99,990 litres)

4 digit re-settable batch totaliser (max. 9999 litres)

Inlet / outlet 1" BSP(F)



FEATURES

FLOW RATE	OVAL GEAR MECHANISM
20-120 LPM (5-31 GPM)	
MAX. WORKING PRESSURE	
 500 PSI (35 BAR)	

FLUIDS

DIESEL	KEROSENE	OIL
		

SPECIFICATIONS

FLOW RATE	20 to 120 LPM (5 to 31 GPM)
INLET / OUTLET	1" BSP (F)
ACCURACY*	± 1%
REPEATABILITY*	± 0.03 %
MAX. VISCOSITY	1000 CPS
MAX. WORKING PRESSURE	500 PSI (35 BAR)
MAX. RESETTABLE BATCH TOTALIZER	9999 Litres
MAX. NON RESETTABLE BATCH TOTALIZER	99,99,990 Litres
LEAST COUNT/ RESOLUTION	1 litre

* Tested in laboratory conditions

Note: Not to be used to measure media for resale

ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
FM/1M/0-1/BSP	45695	1



194 Digital Fuel Meters Heavy Duty FM-20

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


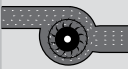
Diesel, Gasoline, Bio Diesel & Water

DO NOT USE WITH

Oils



FEATURES

FLOW RATE	MAX. WORKING PRESSURE	
5-120 LPM (1.3-30 GPM)		300 PSI (20 BAR)
WORKING TEMPERATURE RANGE	TURBINE MECHANISM	
-10° TO 50°C (14°F TO 122°F)		

FLUIDS



SPECIFICATIONS

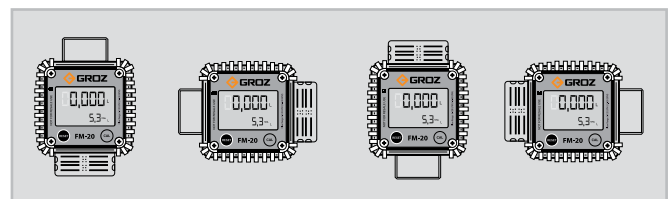
ACCURACY*	± 1 %
REPEATABILITY*	± 0.30%
LEAST COUNT /RESOLUTION	0.001 units
BURST PRESSURE	580 PSI (40 BAR)
PRESSURE LOSS	0.50 PSI (0.04 BAR)
MAX. RESETTABLE BATCH TOTALIZER	99,999 units
MAX. NON RESETTABLE BATCH TOTALIZER	9,99,999 units
MAX. VISCOSITY OF MEDIA	5.35 cst

* Tested in laboratory conditions

Note: Not to be used to measure media for resale

ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
FM-20/0-1/BSP	45650	1" BSP (M) × 1" BSP (F)	1
FM-20/0-1/N	45651	1" NPT (M) × 1" NPT (F)	1



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 × 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



FEATURES

FLOW RATE	WORKING TEMPERATURE RANGE
10 TO 100 LPM (2.64 TO 26.4 GPM)	-10° TO 60°C (-14° TO 140°F)
MAX. WORKING PRESSURE	OVAL GEAR MECHANISM
 435 PSI (30 BAR)	

FLUIDS

DIESEL	OIL	ANTIFREEZE
		

SPECIFICATIONS

ACCURACY*	± 0.5%
REPEATABILITY*	± 0.2%
MAX WORKING PRESSURE	435 PSI (30 BAR)
PARTIAL TOTAL	0.001 to 99999 units
MAX RESETTABLE TOTAL	9,99,99 (5 digits with 100 indicator) units
MAX NON-RESETTABLE TOTAL	9,99,99,999 (8 digits with × 100 indicator) units
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



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


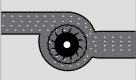
Diesel, Gasoline, Bio Diesel

DO NOT USE WITH

Oils



FEATURES

FLOW RATE	MAX. WORKING PRESSURE
4 TO 120 LPM (1 TO 30 GPM)	 UPTO 150 PSI (10 BAR)
WORKING TEMPERATURE RANGE	TURBINE MECHANISM
-4° TO 158°F (-20° TO 70°C)	



Display can be changed by rotating the card in its housing thus ensuring great versatility in positioning

FLUIDS

DIESEL	BIO DIESEL	GASOLINE
		

SPECIFICATIONS

ACCURACY*	± 1%
REPEATABILITY*	± 0.25%
MAX WORKING PRESSURE	150 PSI (10 BAR)*
WATER RESISTANCE	IP55
UNITS OF MEASURE	Pints, Quarts, Liters, Gallons
PARTIAL TOTAL	0.001 to 99999 units
MAX RESETTABLE TOTAL	9,99,999 (six digits with × 100 indicator) units
MAX NON-RESETTABLE TOTAL	9,99,999 (six digits with × 100 indicator) units
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

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


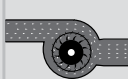
RECOMMENDED USE

Urea, Adblue, Def, Windshield Fluids, Water & Water Based Media

DO NOT USE WITH

Fuels & Oils

FEATURES

FLOW RATE	MAX. WORKING PRESSURE	
5-120 LPM (1.3-30 GPM)		145 PSI (10 BAR)
WORKING TEMPERATURE RANGE	TURBINE MECHANISM	
-10° TO 50°C (14°F TO 122°F)		

SPECIFICATIONS

ACCURACY*	± 1%
REPEATABILITY*	± 0.30%
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

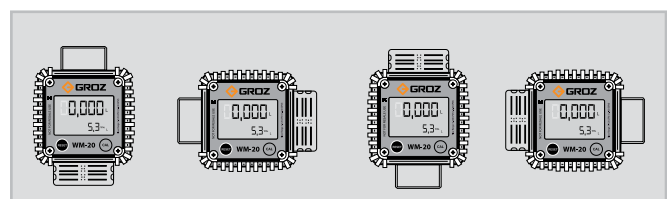
Note: Not to be used to measure media for resale

FLUIDS

UREA	DEF / ADBLUE	WATER	WINDSHIELD FLUID
			

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



Display can be changed by rotating the card in its housing thus ensuring great versatility in positioning



Digital Turbine Meter with Poly Propylene construction, designed especially for use with DEF, water etc.

Designed for

- a. In-Line application
- b. End of the line application
- c. 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


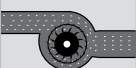
RECOMMENDED USE

Urea, AdBlue, DEF, Windshield fluids, water & water based media

DO NOT USE WITH

Fuels and Oils


FEATURES

FLOW RATE	MAX. WORKING PRESSURE
4 TO 120 LPM (1 TO 30 GPM)	 UPTO 150 PSI (10 BAR)
WORKING TEMPERATURE RANGE	TURBINE MECHANISM
-4° TO 158°F (-20° TO 70°C)	

FLUIDS

UREA	DEF / ADBLUE	WATER	WINDSHIELD FLUID
			

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



Display can be changed by rotating the card in its housing thus ensuring great versatility in positioning

SPECIFICATIONS

ACCURACY*	± 1%
REPEATABILITY*	± 0.25%
MAX WORKING PRESSURE	150 PSI (10 BAR)
UNITS OF MEASURE	Pints, Quarts, Liters, Gallons
PARTIAL TOTAL	0.001 to 99999 units
MAX RESETTABLE TOTAL	9,99,999 (six digits with × 100 indicator) units
MAX NON-RESETTABLE TOTAL	9,99,999 (six digits with × 100 indicator) units
LEAST COUNT/ RESOLUTION	Upto 0.001 units

* Tested in laboratory conditions

Note: Not to be used to measure media for resale

199

Stainless Steel Fuel Nozzle Swivel

SWV-SS

For use with DEF / Adblue, Urea, Windshield fluids & Other water based media

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


WETTED COMPONENTS

Stainless Steel SS 304

RECOMMENDED USE

Urea, DEF/Adblue, Water & Windshield Fluid

FEATURES





MAX. WORKING PRESSURE

UPTO 50 PSI (3.45 BAR)



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

UREA	WATER	DEF / ADBLUE	WINDSHIELD FLUID
			

200

Dual Plane Fuel Nozzle Swivels

SWV-DP

Swivels are installed between the fuel nozzle and hose to reduce strain, providing flexibility so that the fuel hose lasts longer

Provide a full 360° rotation for free movement facilitating flexibility to refuel vehicles from virtually any direction

Aluminium die cast construction with male threaded end made from brass

Laminar flow design for higher fuel flow

Dual 'O' ring seal for long service life

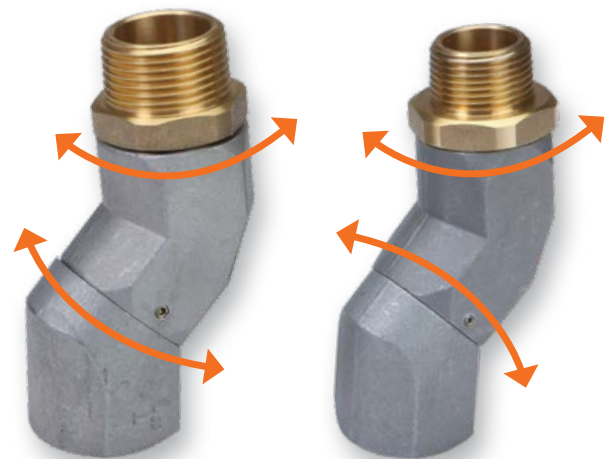
Compatible with fuels containing alcohol

WETTED COMPONENTS

Aluminium, Brass, Viton

RECOMMENDED USE

Diesel, Kerosene, Gasoline, Bio Diesel



SWV/DP/0-1/N

SWV/DP/3-4/N

ORDERING INFORMATION

CAT NR.	ORD NR.	THREADS	BOX QTY.
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
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

FEATURES

MAX. WORKING PRESSURE
50 PSI (3.45 BAR)

FLUIDS

DIESEL	KEROSENE	GASOLINE	BIO DIESEL
			

201 Fuel Control Nozzles Manual

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

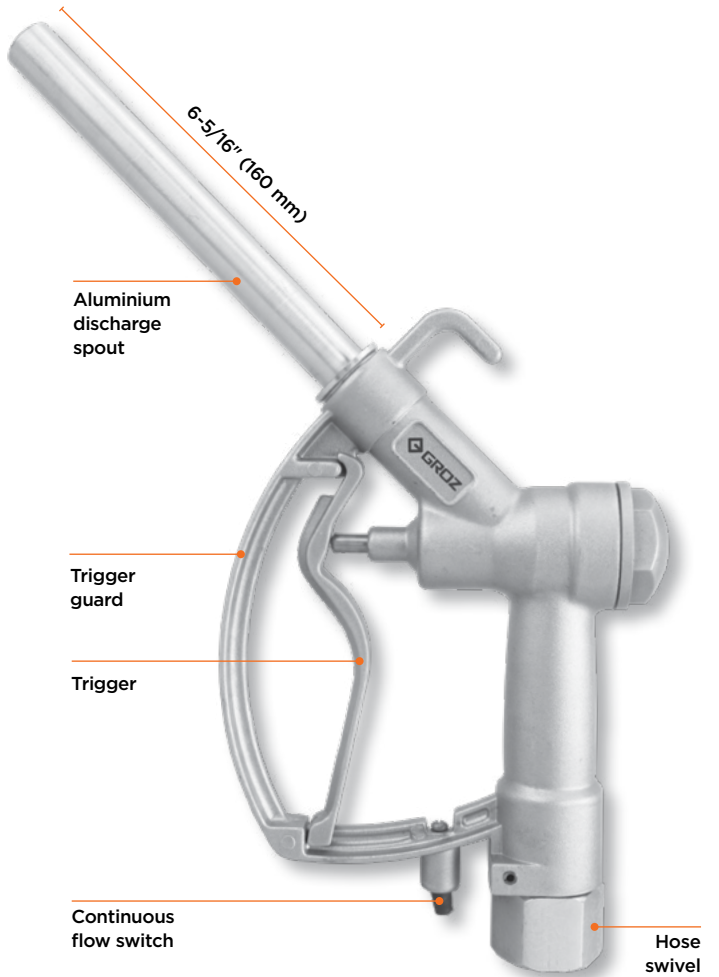
WETTED COMPONENTS

Aluminum, Steel, Nylon, Nitrile Rubber, Zinc*


*on models fitted with Hose Barb

RECOMMENDED USE

Diesel, Kerosene & Gasoline



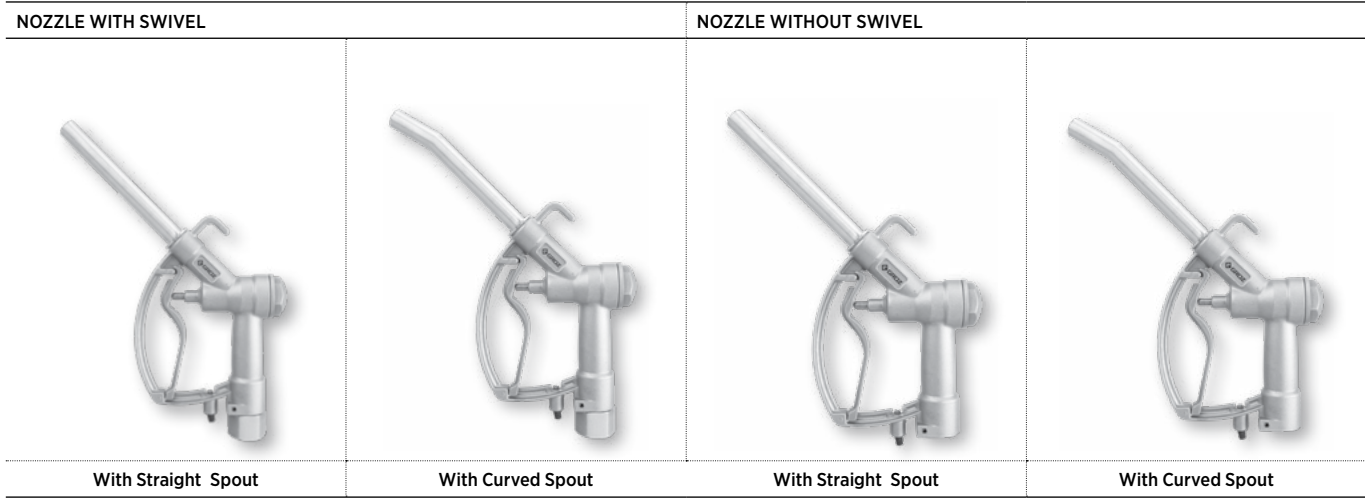
FEATURES

FLOW RATE	MAX. WORKING PRESSURE	
UPTO 75 LPM (20 GPM)		UPTO 50 PSI (3.45 BAR)

FLUIDS

DIESEL	KEROSENE	GASOLINE
		

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										
NOZZLES WITH SWIVEL - STRAIGHT SPOUT												
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
NOZZLES WITH SWIVEL - CURVED SPOUT												
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
NOZZLES WITHOUT SWIVEL - STRAIGHT SPOUT												
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
NOZZLES WITHOUT SWIVEL - CURVED SPOUT												
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



202

Fuel Control Nozzles Automatic

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

FLUIDS



DIESEL	KEROSENE	GASOLINE
		

FEATURES

FLOW RATE	MAX. WORKING PRESSURE	
UPTO 110 LPM (29 GPM)		UPTO 50 PSI (3.45 BAR)



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)			
NOZZLE WITHOUT SWIVEL													
WITH STRAIGHT SPOUT													
* FCNA/3-4/N*	45570	3/4" NPT (F)	60	15.87	13/16	21	17	Straight	7	180	No	Black	12
WITH CURVED SPOUT													
* 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
NOZZLE WITH SWIVEL													
WITH STRAIGHT SPOUT													
FCNA/S/3-4/BSP	45572	3/4" BSP (F)	60	15.87	13/16	21	17	Straight	7	180	No	Black	12
WITH CURVED SPOUT													
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



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:

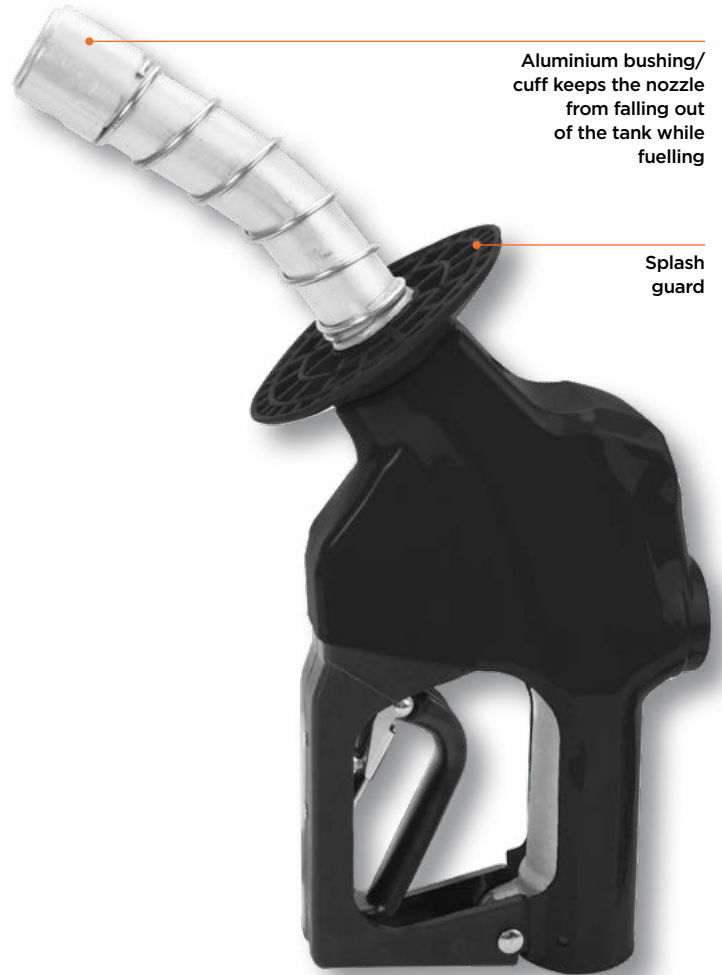
1. When the Fuel tank is full (fuel level in the tank reaches that of the outlet discharge spout)
2. When the Pump is switched off (Pressure at inlet of the nozzle goes below the operating pressure)
3. If nozzle has an accidental fall
4. When the nozzle is lifted from the tank (Nozzle spout is raised above the horizontal line)

WETTED COMPONENTS

Aluminium, Viton

RECOMMENDED USE


Diesel, Kerosene, Leaded & Unleaded Gasoline



Aluminium bushing/cuff keeps the nozzle from falling out of the tank while fuelling

Splash guard



FEATURES

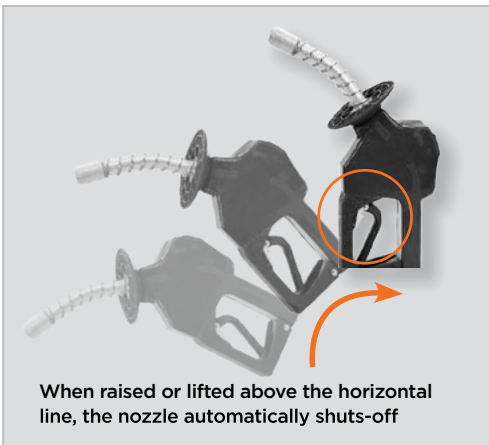
FLOW RATE	MAX. WORKING PRESSURE
<p>UPTO 100 LPM (26.45 GPM)</p>	 <p>UPTO 50 PSI (3.45 BAR)</p>

FLUIDS

DIESEL	KEROSENE	GASOLINE
		

VARIANTS

FCNA/3-4A/CG/N	FCNA/0-1T/CG/N
	
<p>FOR USE WITH Diesel & Gasoline</p>	<p>FOR USE WITH Diesel</p>



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)	(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	



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

Outlet dia.
3/4" (18.8 mm)

Spout length
4-23/32" (120 mm)

Nozzle hanger


Trigger guard

trigger

Continuous flow switch

Hose barb

FEATURES

FLOW RATE	MAX. WORKING PRESSURE
20-90 LPM (5-23.8 GPM)	 UPTO 72.5 PSI (5 BAR)
TEMPERATURE	
UPTO 60°C (140°F)	

FLUIDS

UREA	DEF / ADBLUE	WATER
		

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

205

**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



FEATURES

FLOW RATE		MAX. WORKING PRESSURE	
UPTO 45 LPM (11.9 GPM)		UPTO 50 PSI (3.45 BAR)	
WORKING TEMPERATURE RANGE		E85 FUEL	
-10°C TO 50°C (14°F TO 122°F)			

FLUIDS

UREA	DEF / ADBLUE	WATER
		

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

206 Fuel Filters

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)

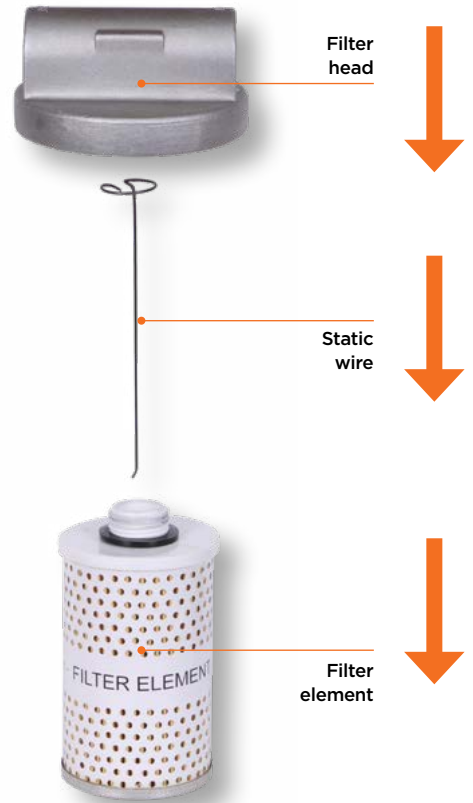
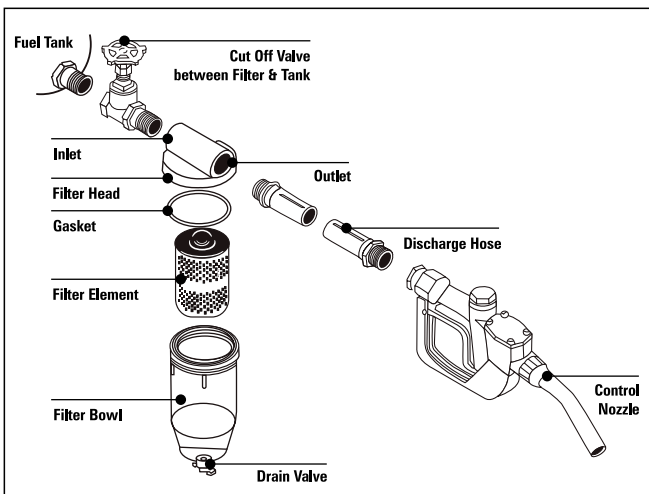
FEATURES

MAX. WORKING PRESSURE



UPTO 150 PSI (10 BAR)

Fuel Filter Installation



FLUIDS



FFL-01**FFL-02****FUEL FILTERS WITH SEE-THROUGH BOWL (FFL-01)****WETTED COMPONENTS**

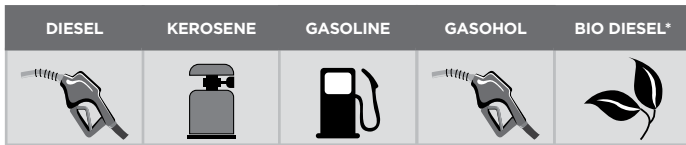
Aluminium, Isoplast, NBR, Steel, Paper element, Nylon

RECOMMENDED USE

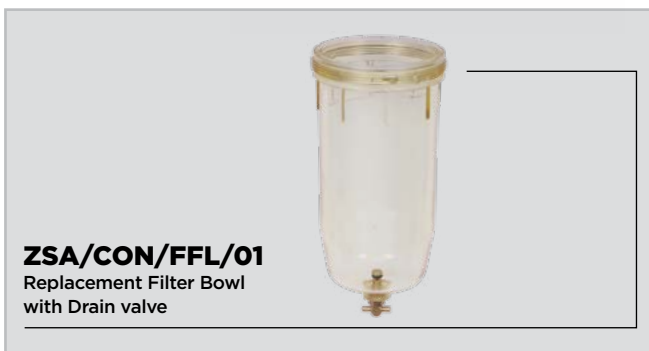
Gasoline, Diesel fuel, Fuel Oil & related additives including Methyl, Ethyl & Isopropyl Alcohol, Bio-Diesel blends upto 20%

DO NOT USE WITH

Water based products, Aviation fuels, racing fuels etc.

FLUIDS

*Blends upto 20%

REPLACEMENT PARTS**ORDERING INFORMATION**

CAT NR.	ORD NR.	INLET/OUTLET	BOX QTY.
FUEL FILTER WITH 10 MICRON FILTER ELEMENT			
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
FUEL FILTER WITH 10 MICRON WATER BLOCK FILTER			
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
REPLACEMENT FILTER ELEMENT			
FF/FFL/10-ST	44389	Contaminant Filter	200
FF/FFL/10-WB/ST	44399	Water Block Filter	200
REPAIR PARTS			
ZSA/CON/FFL/01	44354	-	50

★ Best Seller



Fuel Filters (Continued)

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

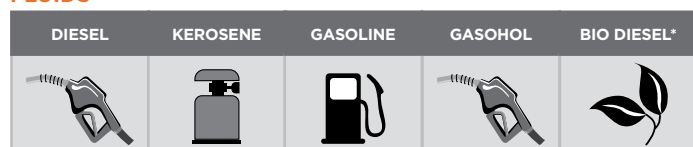
Water based products, Aviation fuels, racing fuels etc



REPLACEMENT PARTS



FLUIDS



*Upto 100%

ORDERING INFORMATION

CAT NR.	ORD NR.	FILTER ELEMENT	INLET/OUTLET	BOX QTY.
FUEL FILTER				
FFL-01/BD/BSP	44318	10 microns	1" BSP (F)	30
FFL-01/BD/N	44319	10 microns	1" NPT (F)	30
REPLACEMENT FILTER ELEMENT				
FF/FFL/10BD/ST	44336	10 microns	-	200
REPAIR PARTS				
ZSA/CON/FFL/01	44354	Spare Filter Bowl	-	-

FFL-01

FFL-02

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

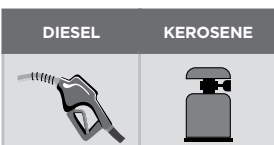
DO NOT USE WITH

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.
FUEL FILTER				
* 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
REPLACEMENT FILTER ELEMENT				
FF/FFL/10	44395	10 micron filter	-	200
FF/FFL/10-WB	44397	10 micron water block filter	-	200

* Best Seller

Aluminium die cast filter head

Translucent polypropylene filter bowl gives a visual check of the filter element & permits removal of sediment & water in the bowl

Drain Valve can be operated by a simple turn & releases accumulated water & unwanted contaminants



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.



Aluminum die cast filter head

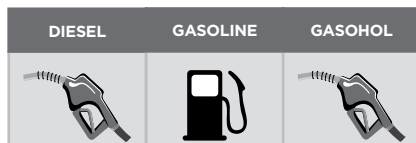
Spin-on filter cartridge

FFS/10/N

FEATURES

FLOW RATE	MAX. WORKING PRESSURE
<p>UPTO 94 LPM (25 GPM)</p>	 <p>UPTO 50 PSI (3.45 BAR)</p>

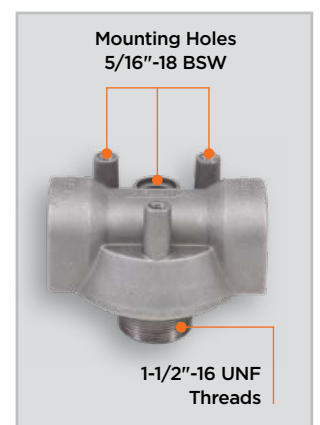
FLUIDS



ORDERING INFORMATION

CAT NR.	ORD NR.	INLET/OUTLET	BOX QTY.
FUEL FILTER WITH 10 MICRON FILTER			
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
FUEL FILTER WITH 10 MICRON WATER BLOCK FILTER			
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
REPLACEMENT CARTRIDGE			
FF/FFS/10	45910	Contaminant Filter	20
FF/FFS/10-WB	45911	Water Block Filter	20

FF/FFS/10



Mounting Holes 5/16"-18 BSW

1-1/2"-16 UNF Threads

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

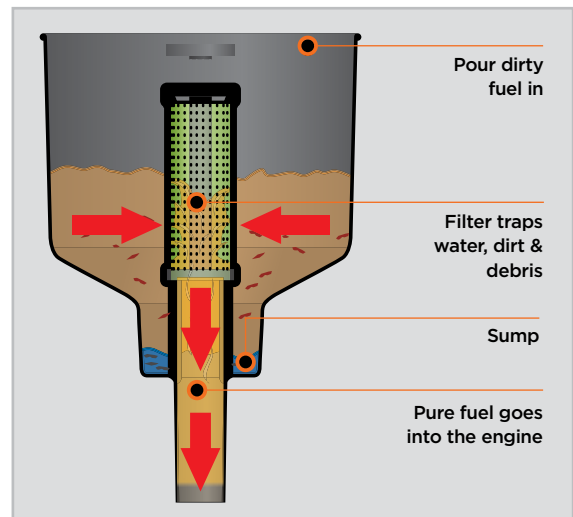


FEATURES

FLOW RATE

UPTO
13 LPM
(3.45 GPM)

FLUIDS



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 !

ORDERING INFORMATION

CAT NR.	ORD NR.	BOX QTY.
FUF-13	41950	20

209 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

210 Anti-static Fuel Hose & Kits ZSA-HOS FDK

RECOMMENDED USE
 Diesel, Kerosene, Gasoline

ORDERING INFORMATION

CAT NR.	ORD NR.	LENGTH	HOSE ID	THREAD	FOR PUMP	BOX QTY.
		(FEET)	(INCH)			
REGULAR FUEL HOSE						
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
ANTI-STATIC FUEL HOSE						
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	7
ZSA/HOS/FPM/12-20	44074	20	3/4	3/4" NPT (M)	FPM-115	5
ZSA/HOS/FPM/12/HF	44078	12	1	1" NPT (M)	FPM-220	10
ZSA/HOS/FPM/12/HF-14	44079	14	1	1" NPT (M)	FPM/12/HF	7
ZSA/HOS/FPM/12/HF-20	44089	20	1	1" NPT (M)		5
ANTI-STATIC FUEL HOSE WITH MANUAL NOZZLE						
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



Regular Fuel Hose



Anti Static Fuel Hose



Fuel Dispensing Kit (Fuel Hose with Nozzle)

MECHANICAL DIESEL METERS FM-10

Product Brief

High Accuracy Diesel Meter with mechanical register

Nutating Disc mechanism offers high tolerance to fuel contamination

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

Robust Aluminum Die Cast construction

Easy user re calibration

Works with both Fuels & Oils

Available in Litre / Gallon version

RECOMMENDED USE

Diesel, Biodiesel, Low to Medium Viscosity Oils

DO NOT USE WITH

Gasoline, Water based media

WETTED COMPONENTS

Aluminum, Butyl Terephthalate, Nitrile Rubber

Cat. Nr.	Ordering Nr.	Measurement	Threads
FM-10/0-1/BSP	45640	Litres	1" BSP (F)
FM-10/0-1/N	45642	Litres	1" NPT (F)
FM-10G/0-1/N	45641	Gallons	1" NPT (F)

New



По вопросам продаж и поддержки обращайтесь:

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