

# **FILL-RITE**®

*A GORMAN-RUPP COMPANY*



**2026** TECHNICAL CATALOG



# FILL-RITE COMPANY

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Fill-Rite Company's proven durability and reliability has made its products the first choice for hard-working customers around the world who demand the best from their equipment. Whether you're transferring fuels, oils, or chemicals, you can trust Fill-Rite and Sotera equipment to get the job done right.



.....  
**Fill-Rite Fort Wayne**  
.....  
(800) 634-2695  
.....

## YOUR FLUID TRANSFER PARTNER IN:

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- Agriculture
- Construction
- Oil & Gas
- Logging
- Mining
- Landscaping
- Fleet & Transportation
- Automotive
- Municipalities
- Marine
- Homeowner & Recreation



.....  
**Fill-Rite Lenexa**  
.....  
(800) 634-2695  
.....



.....  
**Fill-Rite Latin America**  
.....  
+52 (81) 8303-0025  
.....



# SUPPORT

## TECHNICAL SUPPORT

Connect with a Fill-Rite Technical Support Specialist for help with questions like installation, fluid compatibility, and more. Our specialists can also assist with warranty claims, product returns, and other after-sale support.

**FILLRITETECH@FILLRITE.COM | 1 (800) 720-5192**  
*Call Technical Support For:*

- Troubleshooting
- Warranty Info
- Application Inquiries
- Solution Design

## CUSTOMER SUPPORT

Our commitment to your satisfaction with the Fill-Rite brand is unwavering. We design every product to endure your daily grind and offer exceptional support through our talented Customer Support team and world-class channel partners.

**FILLRITESALES@FILLRITE.COM | 1 (800) 634-2695**  
*Call Customer Support For:*

- Price & Availability
- Invoice Issues
- Orders & Returns
- Order Status

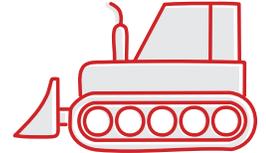
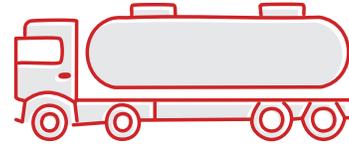


**LOCATE A  
FILL-RITE  
RETAILER OR  
DISTRIBUTOR  
NEAR YOU**

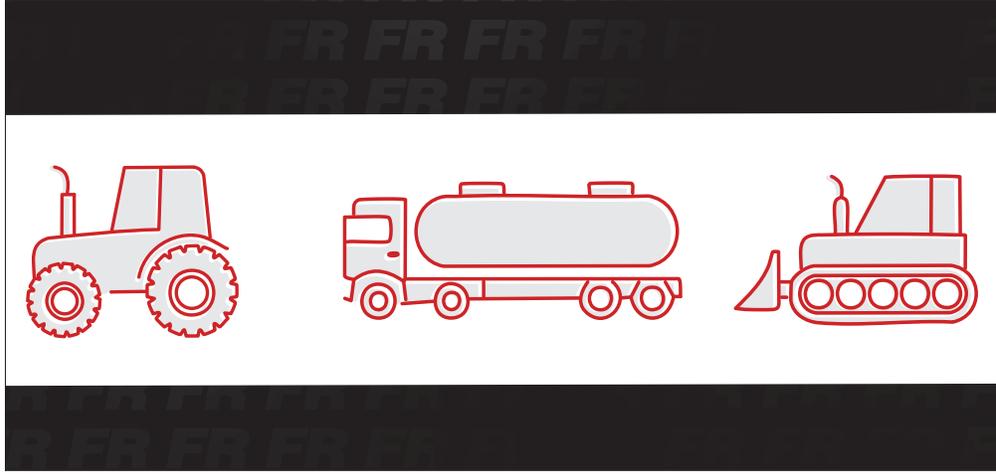
## FIND A LOCAL RETAILER OR DISTRIBUTOR

To ensure that you have the best experience with your Fill-Rite fuel transfer pump, our network of retailers and distributors offer a variety of capabilities and services. Connect with them for assistance with purchasing products, parts, and service.

# FLUID TYPES LEGEND



 <b>A</b>	<b>ANTIFREEZE</b>	 <b>EG</b>	<b>ETHYLENE GLYCOL</b>
 <b>ALF</b>	<b>AVIATION LAVATORY FLUID</b>	 <b>F</b>	<b>FERTILIZERS</b>
 <b>B20</b>	<b>BIODIESEL (UP TO B20)</b>	 <b>G</b>	<b>GASOLINE / PETROL</b>
 <b>B21- B100</b>	<b>BIODIESEL (B21 TO B100)</b>	 <b>H</b>	<b>HEPTANE</b>
 <b>B100</b>	<b>BIODIESEL (UP TO B100)</b>	 <b>HX</b>	<b>HEXANE</b>
 <b>B</b>	<b>BIOFUELS</b>	 <b>K</b>	<b>KEROSENE</b>
 <b>C</b>	<b>CHEMICALS</b>	 <b>L</b>	<b>LUBRICANTS</b>
 <b>CO</b>	<b>CROP OIL</b>	 <b>MA</b>	<b>MILD ACIDS</b>
 <b>DI</b>	<b>DE-ICING FLUID</b>	 <b>MS</b>	<b>MINERAL SPIRITS</b>
 <b>DE</b>	<b>DETERGENTS</b>	 <b>O</b>	<b>OILS</b>
 <b>D</b>	<b>DIESEL</b>	 <b>P</b>	<b>PESTICIDES</b>
 <b>DEF</b>	<b>DIESEL EXHAUST FLUID (DEF)</b>	 <b>SS</b>	<b>STODDARD SOLVENTS</b>
 <b>E10</b>	<b>ETHANOL BLENDS (UP TO E10)</b>	 <b>WO</b>	<b>WASTE OILS</b>
 <b>E15</b>	<b>ETHANOL BLENDS (UP TO E15)</b>	 <b>W</b>	<b>WATER</b>
 <b>E85</b>	<b>ETHANOL BLENDS (UP TO E85)</b>		



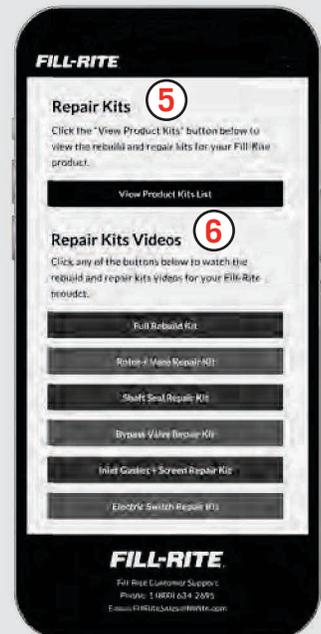
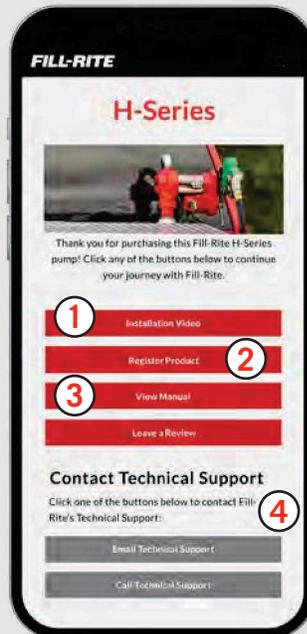
# QR CODES

Whether you're out at the job site, at home on the farm, or anywhere in between, all the product info you need is right at your fingertips!

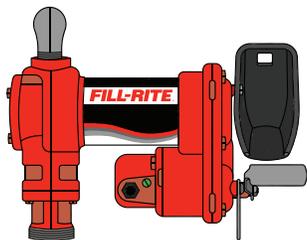
Simply scan the Fill-Rite Product QR Code to streamline your Fill-Rite experience. From initial installation to servicing your product with rebuild kits, these QR codes allow you to access the information you need, every step of the way. And the best news? It's always accessible right at your pump and in this catalog!



- 1 **Installation Video:** Follow along with our how-to video as you install your pump
- 2 **Register Your Product:** Fill out a quick form to register your product with us
- 3 **View Product Manual:** For your reading pleasure or for quick questions you want to find answers to, access the manual
- 4 **Contact Technical Support:** For any questions you have after you purchase your product, the Tech Team is here to help
- 5 **Repair Kits List:** Fill-Rite offers a wide variety of replacement parts and rebuild kits. View our product-specific listings here
- 6 **Repair Your Product:** Follow along with our how-to videos if you need to service your pump



# HOW TO BUILD YOUR FUEL TRANSFER SYSTEM



Fill-Rite® manufactures durable and reliable fuel transfer pumps, meters, and accessories. When building your Fill-Rite fuel transfer system, start by selecting the right pump for your needs.

**The two most critical factors in selecting the right pump are:**

1. Identifying the correct power source or voltage
2. Identifying the ideal performance level based on the equipment it will be refueling

## STEP 1 FIRST, IDENTIFY THE CORRECT POWER SOURCE, OR VOLTAGE, FOR YOUR FILL-RITE PUMP

### 12V OR 24V DC PUMPS

Typically used in mobile applications and powered by a 12V or 24V battery already in your vehicle or equipment

- 12V or 24V vehicle or equipment battery
- Mounted on mobile fuel transfer tanks in truck beds or transfer trailers

### 115V OR 230V AC PUMPS

Typically used in stationary applications and powered by a standard 115V or 230V electrical supply

- 115V or 230V standard electrical supply
- Mounted on above ground storage tanks

### HAND PUMPS (NON-ELECTRIC)

Can be used in mobile or stationary applications. Powered by you, not by electricity

- Hand powered
- Mounted on any tank

**Note:** You can typically find the pump's voltage on the upper-left corner of the packaging box.

## NEXT, SELECT A PUMP WITH THE RIGHT PERFORMANCE LEVEL

Performance is determined by a pump's flow rate, which is measured in gallons per minute (GPM) or liters per minute (LPM). Start by considering the average fuel tank size of the equipment that you'll be filling.

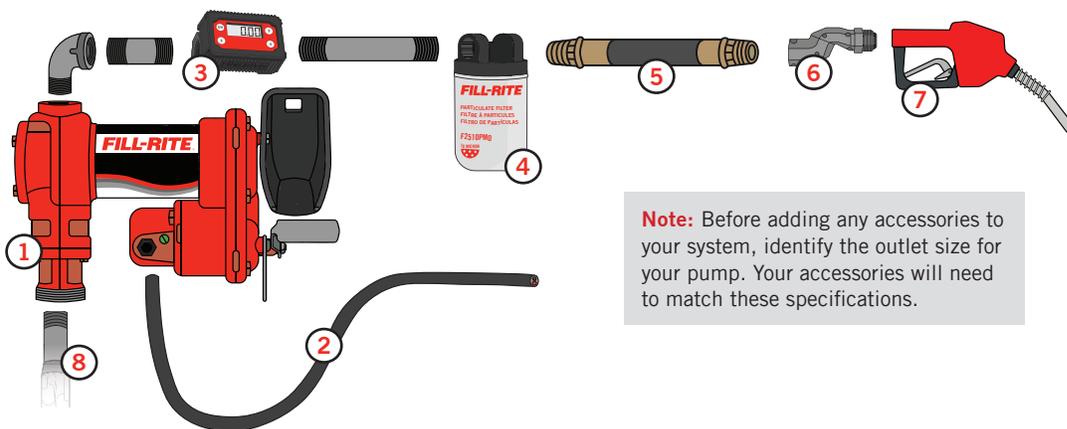
Generally, you'll want a pump with a flow rate that can fill your equipment in 2-4 minutes. Selecting the right performance level leads to one simple question: *how much time do you want to spend refueling?*

Recommended Fill-Rite Pump Flow Rate	You will spend 2 minutes refueling equipment with a:	You will spend 4 minutes refueling equipment with a:
8 GPM / 30 LPM	16 Gallon / 60 Liter Fuel Tank	32 Gallon / 120 Liter Fuel Tank
15 GPM / 56 LPM	30 Gallon / 113 Liter Fuel Tank	60 Gallon / 227 Liter Fuel Tank
20 GPM / 75 LPM	40 Gallon / 151 Liter Fuel Tank	80 Gallon / 302 Liter Fuel Tank
25 GPM / 94 LPM	50 Gallon / 189 Liter Fuel Tank	100 Gallon / 378 Liter Fuel Tank
35 GPM / 132 LPM	70 Gallon / 264 Liter Fuel Tank	140+ Gallon / 529+ Liter Fuel Tank
60+ GPM / 227+ LPM	Bulk Transfer	

## NOW THAT YOU'VE SELECTED YOUR PUMP, LET'S COMPLETE YOUR SYSTEM

### ACCESSORY KEY:

- ① Pump
- ② Power Cable
- ③ Flow Meter
- ④ Filter
- ⑤ Hose
- ⑥ Swivel
- ⑦ Nozzle
- ⑧ Suction Pipe



**Note:** Before adding any accessories to your system, identify the outlet size for your pump. Your accessories will need to match these specifications.

# COMPLETE YOUR FUEL TRANSFER SYSTEM WITH ACCESSORIES

Fill-Rite offers a complete line of fuel transfer accessories to improve ease of use and protect your equipment.

## ADDING ACCESSORIES:

Even though accessories will make equipment easier to use, adding accessories like filters, meters, and swivels could slow down your flow rate. So consider sizing up your pump's performance level to compensate!

### STEP 2 PICK YOUR POWER CABLE

Most of Fill-Rite's DC Pumps come with a power cable. Conversely, AC Pumps should be wired by a licensed electrician.



### STEP 3 PICK YOUR FLOW METER

Fuel is typically a large expense for companies that use heavy equipment or vehicles, and flow meters help track where that fuel is going.



#### DIGITAL DISPLAYS

For the easiest, most accurate measurement of fuel (+/- 1%)



#### MECHANICAL DISPLAYS

Measures accurately (+/- 2%) but with a more traditional appearance

### STEP 4 PICK YOUR FILTER

Filters help protect your vehicles and equipment from particulates, water, rust, and other microbes that may be contaminating your fuel.



#### PARTICULATE

- Removes dirt, rust, and microbes



#### WATER BLOCKING

- Removes dirt, rust, and microbes
- Detects water & restricts flow when tank needs cleaning

#### 10 MICRON

Filters out finer particles, restricts flow rate more

#### 30 MICRON

Filters out larger particles, restricts flow rate less

### STEP 5 PICK YOUR HOSE

Fill-Rite's hoses feature long life and superior performance with corrosion-resistant fittings and kink-resistant construction.



#### REGULAR

For everyday use in normal climates

#### SUB-ZERO TEMPERATURE

For climates reaching -40 to 0° F/C

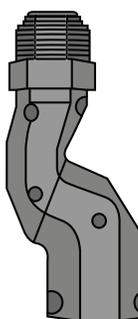
#### HOSE LENGTHS & INLET SIZES

Longer hoses are ideal for taller equipment or equipment that cannot be parked close to tanks.

12'	_____
14'	_____
20'	_____

### STEP 6 PICK YOUR SWIVEL

Swivels provide a smooth and ergonomic range of motion when refueling, allowing you to twist the nozzle to any angle needed.

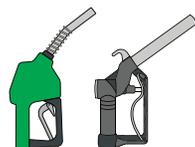


#### SWIVELS

- ✓ Creates 360-degree range of motion with nozzle
- ✓ Makes refueling more hassle-free
- ✓ Rated to -40° F/C

### STEP 7 PICK YOUR NOZZLE

Fill-Rite's nozzles feature heavy-duty construction and are available in a variety of spout sizes and sleeve colors.



#### AUTO NOZZLE

Restricts performance more, more convenient

#### MANUAL NOZZLE

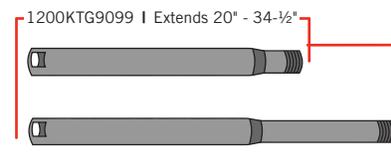
Restricts performance less, less convenient

#### SLEEVE COLOR & FLUID MATCH : SPOUT SIZES & FUEL TYPES

<b>GREEN</b>	Diesel	• Nozzle spouts come in three different sizes, to prevent the accidental cross-fueling of vehicles: • <b>13/16" Spout</b> - Gasoline or Unleaded Vehicles • <b>15/16" Spout</b> - Standard Diesel Vehicles • <b>1-3/16" Spout</b> - Heavy Equipment & Large Vehicles
<b>RED</b>	Gasoline	
<b>YELLOW</b>	Kerosene	
<b>BLUE</b>	Sub-Zero Temperatures	

### STEP 8 PICK YOUR SUCTION PIPE

Our telescoping suction pipe is made from durable steel and is designed to be used with pumps mounted on drums and in-bed transfer tanks.



1200KTG9099 | Extends 20" - 34-1/2"



Custom Cut Pipe | Fits Any Size Tank

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# DC PUMPS

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Fill-Rite's DC pumps are ideal for mobile fueling applications such as in-bed pickup truck transfer tanks and towable fuel trailers. Offered in a variety of performance tiers, DC pumps are the ideal transfer system for farm trucks, road & commercial construction crews, logging & mining crews, disaster relief efforts, and many other mobile applications.

## FR8 SERIES

- Delivers 8 GPM at the nozzle, perfect for refueling small equipment with 2–25-gallon fuel tanks
- Entry-level refueling made more convenient and efficient, eliminates the need for gas cans, hand pumps, or driving to service stations
- Lightweight, compact design under 13 pounds reduces the weight impact on your transfer tank

## FR1200, FR2400, FR4200, FR4400 SERIES

- Durable cast-iron construction provides heavy-duty 15 GPM performance and withstands daily use
- Adjustable electrical junction box rotates 180° for added installation flexibility
- Thermally protected motor prevents overheating, ensuring your pump withstands the test of time
- Versatile performance range with 12V & 24V DC models capable of delivering 15 or 20 GPM

## 1600 & RD PORTABLE SERIES

- Delivering 8–12 GPM for both recreational and low-volume commercial applications
- Systems are ready out of the box with included power cords
- Durable cast-iron & cast-aluminum construction are designed for maximum durability and lifetime corrosion resistance
- Compact sizes and carrying handles allow for easy transport or holding during operation





# DC PUMPS

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## 14 FR8 SERIES



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## 15 FR1600 SERIES



---

## 16 RD SERIES



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## 18 H-SERIES

18 FR1200 SERIES

25 FR2400 SERIES

29 FR4200 SERIES

35 FR4400 SERIES



# FR8 SERIES

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## FR8-PX



## FR8



CATALOG DESCRIPTION	Pump Only	Manual Nozzle
FLOW RATE	8 GPM / 30 LPM	8 GPM / 30 LPM
VOLTAGE / AMP RATING (FLA)	15 A	15 A
DUTY CYCLE	15 min on / 15 min off	15 min on / 15 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	32' / 12 PSI	32' / 12 PSI
SUCTION LIFT (FT)	6'	6'
INLET THREAD / OUTLET THREAD	1" NPT / 0.75" NPT	1" NPT / 0.75" NPT
MOUNTING SIZE, THREAD, & TYPE	2" Buttress / Bung Mount	2" Buttress / Bung Mount
KEY INCLUDED COMPONENTS	N/A	3/4" x 12' Hose with Static Ground Wire, 3/4" Cast Aluminum Manual Nozzle, 12" - 36" Steel 3-Piece Suction Pipe
COMPATIBLE FLUIDS		
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	8.5" x 7" x 6.5" / 12.3 lbs	12.81" x 8.25" x 16.18" / 25 lbs
CERTIFICATIONS	cULus	cULus
WARRANTY	2 Years	2 Years
UPC	089404250143	089404249857

## FR1612



## FR1614



CATALOG DESCRIPTION	Pump Only	Suction Hose, Manual Nozzle
FLOW RATE	10 GPM / 38 LPM	10 GPM / 38 LPM
VOLTAGE / AMP RATING (FLA)	12V DC / 17 A	12V DC / 17 A
DUTY CYCLE	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	36' / 16 PSI	36' / 16 PSI
SUCTION LIFT (FT)	8'	8'
INLET THREAD / OUTLET THREAD	0.75" NPT / 0.75" NPT	0.75" NPT / 0.75" NPT
MOUNTING SIZE, THREAD, & TYPE	Foot Mount / Portable Carry Handle	Foot Mount / Portable Carry Handle
KEY INCLUDED COMPONENTS	Hard-Wired Cable with Battery Clips	¾" x 8' PVC Hose with Hose Barbs, ¾" PVC Manual Nozzle, Hard-Wired Cable with Battery Clips
COMPATIBLE FLUIDS		
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	10.25" x 6.38" x 7.38" / 9 lbs	16.13" x 16.13" x 7.25" / 14 lbs
CERTIFICATIONS	CE	CE
WARRANTY	1 Year	1 Year
UPC	089404207918	089404207925

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

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OVAL GEAR METERS

CABINET DISPENSERS

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ACCESSORIES

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## RD812NN



## RD812NH



## RD1212NN



CATALOG DESCRIPTION	NPT Threads, Pump Only	Suction Hose, Manual Nozzle	NPT Threads, Pump Only
FLOW RATE	8 GPM / 30 LPM	8 GPM / 30 LPM	12 GPM / 45 LPM
VOLTAGE / AMP RATING (FLA)	12V DC / 14 A	12V DC / 14 A	12V DC / 14 A
DUTY CYCLE	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	37' / 16 PSI	37' / 16 PSI	37' / 16 PSI
SUCTION LIFT (FT)	6'	6'	6'
INLET THREAD / OUTLET THREAD	0.75" NPT / 0.75" NPT	0.75" NPT / 0.75" NPT	0.75" NPT / 0.75" NPT
MOUNTING SIZE, THREAD, & TYPE	Portable Carry Handle	Portable Carry Handle	Foot Mount / Portable Carry Handle
KEY INCLUDED COMPONENTS	Power Cord with Battery Clips	5/8" x 8' UL Listed Hose with Static Ground Wire, 3/4" x 6' Suction Hose with Static Wire, 3/4" Cast Aluminum Manual Nozzle, Power Cord with Battery Clips	Power Cord with Battery Clips
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	8.88" x 7.25" x 8.88" / 10 lbs	17.88" x 7.25" x 17.88" / 18 lbs	8.88" x 7.25" x 8.88" / 9.5 lbs
CERTIFICATIONS	ATEX, CE, cULus, IECEx	ATEX, CE, cULus, IECEx	ATEX, CE, cULus, IECEx
WARRANTY	2 Years	2 Years	2 Years
UPC	089404224687	089404224700	089404225059

## RD812BN



## RD1212BN



## RD1212NH



CATALOG DESCRIPTION	BSPP Threads, Pump Only	BSPP Threads, Pump Only	Suction Hose, Manual Nozzle
FLOW RATE	8 GPM / 30 LPM	12 GPM / 45 LPM	12 GPM / 45 LPM
VOLTAGE / AMP RATING (FLA)	12V DC / 14 A	12V DC / 14 A	12V DC / 14 A
DUTY CYCLE	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	37' / 16 PSI	37' / 16 PSI	37' / 16 PSI
SUCTION LIFT (FT)	6'	6'	6'
INLET THREAD / OUTLET THREAD	0.75" BSPP / 0.75" BSPP	0.75" BSPP / 0.75" BSPP	0.75" NPT / 0.75" NPT
MOUNTING SIZE, THREAD, & TYPE	Foot Mount / Portable Carry Handle	Foot Mount / Portable Carry Handle	Foot Mount / Portable Carry Handle
KEY INCLUDED COMPONENTS	Power Cord with Battery Clips	Power Cord with Battery Clips	¾" x 8' Hose with Static Wire, ¾" x 6' Suction Hose with Static Wire, ¾" Cast Aluminum Manual Nozzle, Power Cord with Battery Clips
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	8.88" x 7.25" x 8.88" / 10.5 lbs	8.88" x 7.25" x 8.88" / 10.5 lbs	17.88" x 7.25" x 17.88" / 19 lbs
CERTIFICATIONS	ATEX, CE, cULus, IECEx	ATEX, CE, cULus, IECEx	ATEX, CE, cULus, IECEx
WARRANTY	2 Years	2 Years	2 Years
UPC	089404224717	089404225080	089404225066

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# FR1200 SERIES

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## FR1204H



## FR1210HN



## FR1210H



CATALOG DESCRIPTION	Pump Only	Suction Pipe Only	Manual Nozzle
FLOW RATE	15 GPM / 57 LPM	15 GPM / 57 LPM	15 GPM / 57 LPM
VOLTAGE / AMP RATING (FLA)	12V DC / 20 A	12V DC / 20 A	12V DC / 20 A
DUTY CYCLE	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	37' / 16 PSI	37' / 16 PSI	37' / 16 PSI
SUCTION LIFT (FT)	8'	8'	8'
INLET THREAD / OUTLET THREAD	1" NPT / 0.75" NPT	1" NPT / 0.75" NPT	1" NPT / 0.75" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	N/A	20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable	¾" x 12' Hose with Static Ground Wire, ¾" Cast Aluminum Manual Nozzle, 20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	12.63" x 6.63" x 15.25" / 21 lbs	15.44" x 10.63" x 18.31" / 33 lbs	15.44" x 10.63" x 18.31" / 32 lbs
CERTIFICATIONS	cULus	cULus	cULus
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime
UPC	089404223390	089404246085	089404223079

## FR1210HA



## FR1210HA1



## FR1210HA1F



<b>CATALOG DESCRIPTION</b>	Gasoline Automatic Nozzle	Diesel Automatic Nozzle	Diesel Automatic Nozzle, Filter
<b>FLOW RATE</b>	15 GPM / 57 LPM	15 GPM / 57 LPM	15 GPM / 57 LPM
<b>VOLTAGE / AMP RATING (FLA)</b>	12V DC / 20 A	12V DC / 20 A	12V DC / 20 A
<b>DUTY CYCLE</b>	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
<b>DISCHARGE HEAD / DISCHARGE PRESSURE</b>	37' / 16 PSI	37' / 16 PSI	37' / 16 PSI
<b>SUCTION LIFT (FT)</b>	8'	8'	8'
<b>INLET THREAD / OUTLET THREAD</b>	1" NPT / 0.75" NPT	1" NPT / 0.75" NPT	1" NPT / 0.75" NPT
<b>MOUNTING SIZE, THREAD, &amp; TYPE</b>	2" NPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount
<b>KEY INCLUDED COMPONENTS</b>	¾" x 12' Hose with Static Ground Wire, ¾" Automatic Unleaded Nozzle, 20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable	¾" x 12' Hose with Static Ground Wire, ¾" Automatic Diesel Nozzle, 20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable	10 Micron Particulate Filter and Filter Head, ¾" x 12' Hose with Static Ground Wire, ¾" Automatic Diesel Nozzle, 20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable
<b>COMPATIBLE FLUIDS</b>			
<b>PACKAGE DIMENSIONS (WxHxD) / WEIGHT</b>	15.44" x 10.63" x 18.31" / 32 lbs	15.44" x 10.63" x 18.31" / 33 lbs	15.44" x 10.63" x 18.31" / 39 lbs
<b>CERTIFICATIONS</b>	cULus	cULus	cULus
<b>WARRANTY</b>	Limited Lifetime	Limited Lifetime	Limited Lifetime
<b>UPC</b>	089404247938	089404248003	089404249901

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## FR1210HATKD



## FR1210HA1TKD



## FR1210HA1FTKD



CATALOG DESCRIPTION	Gasoline Automatic Nozzle	Diesel Automatic Nozzle	Diesel Automatic Nozzle, Filter
FLOW RATE	15 GPM / 57 LPM	15 GPM / 57 LPM	15 GPM / 57 LPM
VOLTAGE / AMP RATING (FLA)	12V DC / 20 A	12V DC / 20 A	12V DC / 20 A
DUTY CYCLE	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	37' / 16 PSI	37' / 16 PSI	37' / 16 PSI
SUCTION LIFT (FT)	8'	8'	8'
INLET THREAD / OUTLET THREAD	1" NPT / 0.75" NPT	1" NPT / 0.75" NPT	1" NPT / 0.75" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	TankDefender, 3/4" x 12' Hose with Static Ground Wire, 3/4" Automatic Unleaded Nozzle, 20" – 34-1/2" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable	TankDefender, 3/4" x 12' Hose with Static Ground Wire, 3/4" Automatic Diesel Nozzle, 20" – 34-1/2" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable	TankDefender, 10 Micron Particulate Filter and Filter Head, 3/4" x 12' Hose with Static Ground Wire, 3/4" Automatic Diesel Nozzle, 20" – 34-1/2" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	15.44" x 10.63" x 18.31" / 32 lbs	15.44" x 10.63" x 18.31" / 33 lbs	15.44" x 10.63" x 18.31" / 39 lbs
CERTIFICATIONS	cULus	cULus	cULus
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime
UPC	089404247938	089404248003	089404249901

## FR1210HARC



## FR1220HDSQ



## FR1220HDSFQ



<b>CATALOG DESCRIPTION</b>	Automatic Sub-Zero Diesel Nozzle	Diesel Automatic Nozzle, Swivel	Diesel Automatic Nozzle, Filter, Swivel
<b>FLOW RATE</b>	15 GPM / 57 LPM	15 GPM / 57 LPM	15 GPM / 57 LPM
<b>VOLTAGE / AMP RATING (FLA)</b>	12V DC / 20 A	12V DC / 20 A	12V DC / 20 A
<b>DUTY CYCLE</b>	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
<b>DISCHARGE HEAD / DISCHARGE PRESSURE</b>	37' / 16 PSI	37' / 16 PSI	37' / 16 PSI
<b>SUCTION LIFT (FT)</b>	8'	8'	8'
<b>INLET THREAD / OUTLET THREAD</b>	1" NPT / 0.75" NPT	1" NPT / 0.75" NPT	1" NPT / 0.75" NPT
<b>MOUNTING SIZE, THREAD, &amp; TYPE</b>	2" NPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount
<b>KEY INCLUDED COMPONENTS</b>	¾" x 20' Sub-Zero Rated Hose with Static Ground Wire, ¾" Multi-Plane Swivel, ¾" Automatic Diesel Sub-Zero Nozzle, 20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable	¾" x 18' Hose with Static Ground Wire, ¾" Multi-Plane Swivel, ¾" Automatic Diesel Nozzle, 20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable	10 Micron Particulate Filter and Filter Head, ¾" x 18' Hose with Static Ground Wire, ¾" Multi-Plane Swivel, ¾" Automatic Diesel Nozzle, 20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable
<b>COMPATIBLE FLUIDS</b>			
<b>PACKAGE DIMENSIONS (WxHxD) / WEIGHT</b>	21.81" x 10" x 19.81" / 36 lbs	21.81" x 10" x 19.81" / 42 lbs	21.81" x 10" x 19.81" / 48 lbs
<b>CERTIFICATIONS</b>	cULus	cULus	cULus
<b>WARRANTY</b>	Limited Lifetime	Limited Lifetime	Limited Lifetime
<b>UPC</b>	089404248010	089404248591	089404248607

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## FR1205HE



## FR1210HE



## FR1210HEA



<b>CATALOG DESCRIPTION</b>	Pump Only, BSPP Threads, ATEX Motor	Manual Nozzle, ATEX Motor	Gasoline Automatic Nozzle, ATEX Motor
<b>FLOW RATE</b>	57 LPM	57 LPM	57 LPM
<b>VOLTAGE / AMP RATING (FLA)</b>	12V DC / 20 A	12V DC / 20 A	12V DC / 20 A
<b>DUTY CYCLE</b>	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
<b>DISCHARGE HEAD / DISCHARGE PRESSURE</b>	37' / 16 PSI	37' / 16 PSI	37' 16 PSI
<b>SUCTION LIFT (FT)</b>	8'	8'	8'
<b>INLET THREAD / OUTLET THREAD</b>	1" BSPP / 0.75" BSPP	1" NPT / 0.75" NPT	1" NPT / 0.75" NPT
<b>MOUNTING SIZE, THREAD, &amp; TYPE</b>	2" BSPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount
<b>KEY INCLUDED COMPONENTS</b>	3-Wire 12-GA 18' Power Cable	¾" x 12' Hose with Static Ground Wire, ¾" Cast Aluminum Manual Nozzle, 20" – 34-½" Steel Telescoping Suction Pipe, 3-Wire 12 GA 18' Power Cable	¾" x 12' Hose with Static Ground Wire, ¾" Automatic Unleaded Nozzle, 20" – 34-½" Steel Telescoping Suction Pipe, 3-Wire 12 GA 18' Power Cable
<b>COMPATIBLE FLUIDS</b>			
<b>PACKAGE DIMENSIONS (WxHxD) / WEIGHT</b>	12.63" x 6.63" x 15.25" / 21 lbs	15.44" x 10.63" x 18.31" / 32 lbs	15.44" x 10.63" x 18.31" / 33 lbs
<b>CERTIFICATIONS</b>	ATEX, CE, IECEX, INMETRO	ATEX, CE, IECEX, INMETRO	ATEX, CE, IECEX INMETRO
<b>WARRANTY</b>	Limited Lifetime	Limited Lifetime	Limited Lifetime
<b>UPC</b>	089404247990	089404248041	089404248478

## FR1211H



## FR1211HLN



CATALOG DESCRIPTION	Mechanical Meter (Gallons), Manual Nozzle	Mechanical Meter (Liters)
FLOW RATE	15 GPM	57 LPM
VOLTAGE / AMP RATING (FLA)	12V DC / 20 A	12V DC / 20 A
DUTY CYCLE	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	37' / 16 PSI	37' / 16 PSI
SUCTION LIFT (FT)	8'	8'
INLET THREAD / OUTLET THREAD	1" NPT / 0.75" NPT	1" NPT / 0.75" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	807C Mechanical Meter (Gallons), 3/4" x 12' Hose with Static Ground Wire, 3/4" Cast Aluminum Manual Nozzle, 20" – 34-1/2" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable	807CL Mechanical Meter (Liters), 20" – 34-1/2" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable
ACCURACY	+/- 1%	+/- 1%
COMPATIBLE FLUIDS		
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	21.81" x 10" x 19.81" / 37 lbs	21.81" x 10" x 19.81" / 33 lbs
CERTIFICATIONS	cULus	cULus
WARRANTY	Limited Lifetime	Limited Lifetime
UPC	089404247976	089404248102

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## FR1211HL



## FR1211HEL



## FR1211HELA



CATALOG DESCRIPTION	Mechanical Meter (Liters), Manual Nozzle	ATEX Motor, Mechanical Meter (Liters), Manual Nozzle	ATEX Motor, Mechanical Meter (Liters), Gasoline Automatic Nozzle
FLOW RATE	57 LPM	57 LPM	57 LPM
VOLTAGE / AMP RATING (FLA)	12V DC / 20 A	12V DC / 20 A	12V DC / 20 A
DUTY CYCLE	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	37' / 16 PSI	37' / 16 PSI	37' / 16 PSI
SUCTION LIFT (FT)	8'	8'	8'
INLET THREAD / OUTLET THREAD	1" NPT / 0.75" NPT	1" NPT / 0.75" NPT	1" NPT / 0.75" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	807CL Mechanical Meter (Liters), 3/4" x 12' Hose with Static Ground Wire, 3/4" Cast Aluminum Manual Nozzle, 20" – 34-1/2" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable	807CL Mechanical Meter (Liters), 3/4" x 12' Hose with Static Ground Wire, 3/4" Cast Aluminum Manual Nozzle, 20" – 34-1/2" Steel Telescoping Suction Pipe, 3-Wire 12 GA 18' Power Cable	807CL Mechanical Meter (Liters), 3/4" x 12' Hose with Static Ground Wire, 3/4" Automatic Unleaded Nozzle, 20" – 34-1/2" Steel Telescoping Suction Pipe, 3-Wire 12 GA 18' Power Cable
ACCURACY	+/- 1%	+/- 1%	+/- 1%
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	21.81" x 10" x 19.81" / 37 lbs	21.81" x 10" x 19.81" / 39 lbs	21.81" x 10" x 19.81" / 37 lbs
CERTIFICATIONS	cULus	ATEX, CE, IECEx, INMETRO	ATEX, CE, IECEx, INMETRO
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime
UPC	089404248096	089404248072	089404248089

## FR2404H



## FR2405HE



## FR2410H



CATALOG DESCRIPTION	Pump Only	ATEX Motor, BSP Threads, Pump Only	Manual Nozzle
FLOW RATE	15 GPM / 57 LPM	57 LPM	15 GPM / 57 LPM
VOLTAGE / AMP RATING (FLA)	24V DC / 10 A	24V DC / 10 A	24V DC / 10 A
DUTY CYCLE	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	37' / 16 PSI	37' / 16 PSI	37' / 16 PSI
SUCTION LIFT (FT)	8'	8'	8'
INLET THREAD / OUTLET THREAD	1" NPT / 0.75" NPT	1" BSPP / 0.75" BSPP	1" NPT / 0.75" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" BSPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	N/A	3-Wire 12 GA 18' Power Cable	¾" x 12' Hose with Static Ground Wire, ¾" Cast Aluminum Manual Nozzle, 20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	12.63" x 6.63" x 15.25" / 21 lbs	12.63" x 6.63" x 15.25" / 24 lbs	15.44" x 10.63" x 18.31" / 34 lbs
CERTIFICATIONS	cULus	ATEX, CE, IECEX, INMETRO	cULus
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime
UPC	089404248126	089404248133	089404248140

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## FR2410HE



## FR2410HEA



CATALOG DESCRIPTION	ATEX Motor, Manual Nozzle	ATEX Motor, Gasoline Automatic Nozzle
FLOW RATE	57 LPM	57 LPM
VOLTAGE / AMP RATING (FLA)	24V DC / 10 A	24V DC / 10 A
DUTY CYCLE	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	37' / 16 PSI	37' / 16 PSI
SUCTION LIFT (FT)	8'	8'
INLET THREAD / OUTLET THREAD	1" NPT / 0.75" NPT	1" NPT / 0.75" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	3/4" x 12' Hose with Static Ground Wire, 3/4" Cast Aluminum Manual Nozzle, 20" – 34-1/2" Steel Telescoping Suction Pipe, 3-Wire 12 GA 18' Power Cable	3/4" x 12' Hose with Static Ground Wire, 3/4" Automatic Unleaded Nozzle, 20" – 34-1/2" Steel Telescoping Suction Pipe, 3-Wire 12 GA 18' Power Cable
COMPATIBLE FLUIDS		
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	15.44" x 10.63" x 18.31" / 32 lbs	15.44" x 10.63" x 18.31" / 32 lbs
CERTIFICATIONS	ATEX, CE, IECEx, INMETRO	ATEX, CE, IECEx, INMETRO
WARRANTY	Limited Lifetime	Limited Lifetime
UPC	089404248157	089404248492

## FR2411H



## FR2411HL



CATALOG DESCRIPTION	Mechanical Meter (Gallons), Manual Nozzle	Mechanical Meter (Liters), Manual Nozzle
FLOW RATE	15 GPM	57 LPM
VOLTAGE / AMP RATING (FLA)	24V DC / 10 A	24V DC / 10 A
DUTY CYCLE	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	37' / 16 PSI	37' / 16 PSI
SUCTION LIFT (FT)	8'	8'
INLET THREAD / OUTLET THREAD	1" NPT / 0.75" NPT	1" NPT / 0.75" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	807C Mechanical Meter (Gallons), ¾" x 12' Hose with Static Ground Wire, ¾" Cast Aluminum Manual Nozzle, 20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable	807CL Mechanical Meter (Liters), ¾" x 12' Hose with Static Ground Wire, ¾" Cast Aluminum Manual Nozzle, 20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable
ACCURACY	+/- 1%	+/- 1%
COMPATIBLE FLUIDS		
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	21.81" x 10" x 19.81" / 38 lbs	21.81" x 10" x 19.81" / 38 lbs
CERTIFICATIONS	cULus	cULus
WARRANTY	Limited Lifetime	Limited Lifetime
UPC	089404248164	089404248171

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## FR2411HEL



## FR2411HELA



CATALOG DESCRIPTION	ATEX Motor, Mechanical Meter (Liters), Manual Nozzle	ATEX Motor, Mechanical Meter (Liters), Gasoline Automatic Nozzle
FLOW RATE	57 LPM	57 LPM
VOLTAGE / AMP RATING (FLA)	24V DC / 10 A	24V DC / 10 A
DUTY CYCLE	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	37' / 16 PSI	37' / 16 PSI
SUCTION LIFT (FT)	8'	8'
INLET THREAD / OUTLET THREAD	1" NPT / 0.75" NPT	1" NPT / 0.75" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	807CL Mechanical Meter (Liters), ¾" x 12' Hose with Static Ground Wire, ¾" Cast Aluminum Manual Nozzle, 20" – 34-½" Steel Telescoping Suction Pipe, 3-Wire 12 GA 18' Power Cable	807CL Mechanical Meter (Liters), ¾" x 12' Hose with Static Ground Wire, ¾" Automatic Unleaded Nozzle, 20" – 34-½" Steel Telescoping Suction Pipe, 3-Wire 12 GA 18' Power Cable
ACCURACY	+/- 1%	+/- 1%
COMPATIBLE FLUIDS		
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	21.81" x 10" x 19.81" / 38 lbs	21.81" x 10" x 19.81" / 23.7 lbs
CERTIFICATIONS	ATEX, CE, IECEX, INMETRO	ATEX, CE, IECEX, INMETRO
WARRANTY	Limited Lifetime	Limited Lifetime

## FR4204H



## FR4210HN



## FR4210H



CATALOG DESCRIPTION	Pump Only	Suction Pipe Only	Manual Nozzle
FLOW RATE	20 GPM / 75 LPM	20 GPM / 75 LPM	20 GPM / 75 LPM
VOLTAGE / AMP RATING (FLA)	12V DC / 19 A	12V DC / 19 A	12V DC / 19 A
DUTY CYCLE	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	37' / 16 PSI	37' / 16 PSI	37' / 16 PSI
SUCTION LIFT (FT)	8'	8'	8'
INLET THREAD / OUTLET THREAD	1" NPT / 1" NPT	1" NPT / 1" NPT	1" NPT / 1" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	N/A	20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable	1" x 12' Hose with Static Ground Wire, 1" Cast Aluminum Manual Nozzle, 20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	12.63" x 6.63" x 15.25" / 22.5 lbs	15.44" x 10.63" x 18.31" / 24.03 lbs	15.44" x 10.63" x 18.31" / 35 lbs
CERTIFICATIONS	cULus	cULus	cULus
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime
UPC	089404247945	089404248249	089404247952

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## FR4210HB



## FR4210HD



## FR4210HDF



<b>CATALOG DESCRIPTION</b>	Automatic Diesel Nozzle	Automatic Diesel Nozzle	Automatic Diesel Nozzle, Filter
<b>FLOW RATE</b>	20 GPM / 75 LPM	20 GPM / 75 LPM	20 GPM / 75 LPM
<b>VOLTAGE / AMP RATING (FLA)</b>	12V DC / 19 A	12V DC / 19 A	12V DC / 19 A
<b>DUTY CYCLE</b>	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
<b>DISCHARGE HEAD / DISCHARGE PRESSURE</b>	37' / 16 PSI	37' / 16 PSI	37' / 16 PSI
<b>SUCTION LIFT (FT)</b>	8'	8'	8'
<b>INLET THREAD / OUTLET THREAD</b>	1" NPT / 1" NPT	1" NPT / 1" NPT	1" NPT / 1" NPT
<b>MOUNTING SIZE, THREAD, &amp; TYPE</b>	2" NPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount
<b>KEY INCLUDED COMPONENTS</b>	1" x 12' Hose with Static Ground Wire, 1" Ultra High-Flow Automatic Diesel Nozzle (Green), 20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable	1" x 12' Hose with Static Ground Wire, 1" High-Flow Automatic Diesel Nozzle (Green), 20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable	10 Micron Particulate Filter and Filter Head, 1" x 12' Hose with Static Ground Wire, 1" High-Flow Automatic Diesel Nozzle (Green), 20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable
<b>COMPATIBLE FLUIDS</b>			
<b>PACKAGE DIMENSIONS (WxHxD) / WEIGHT</b>	15.44" x 10.63" x 18.31" / 37.5 lbs	15.44" x 10.63" x 18.31" / 36.8 lbs	21.81" x 10" x 19.81" / 54 lbs
<b>CERTIFICATIONS</b>	cULus	cULus	cULus
<b>WARRANTY</b>	Limited Lifetime	Limited Lifetime	Limited Lifetime
<b>UPC</b>	089404247969	089404248553	089404248201

## FR4210HARC



## FR4220HDSQ



## FR4210HBFQ



<b>CATALOG DESCRIPTION</b>	Automatic Sub-Zero Diesel Nozzle, Swivel	Diesel Automatic Nozzle, Swivel	Diesel Automatic Nozzle, Filter
<b>FLOW RATE</b>	20 GPM / 75 LPM	20 GPM / 75 LPM	20 GPM / 75 LPM
<b>VOLTAGE / AMP RATING (FLA)</b>	12V DC / 19 A	12V DC / 19 A	12V DC / 19 A
<b>DUTY CYCLE</b>	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
<b>DISCHARGE HEAD / DISCHARGE PRESSURE</b>	37' / 16 PSI	37' / 16 PSI	37' / 16 PSI
<b>SUCTION LIFT (FT)</b>	8'	8'	8'
<b>INLET THREAD / OUTLET THREAD</b>	1" NPT / 1" NPT	1" NPT / 1" NPT	1" NPT / 1" NPT
<b>MOUNTING SIZE, THREAD, &amp; TYPE</b>	2" NPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount
<b>KEY INCLUDED COMPONENTS</b>	1" x 20' Sub-Zero Rated Hose with Static Ground Wire, 1" Multi-Plane Swivel, 1" Automatic Diesel Sub-Zero Nozzle, 20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable	1" x 18' Hose with Static Ground Wire, 1" Multi-Plane Swivel, 1" High-Flow Automatic Diesel Nozzle (Green), 20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable	30 Micron Particulate Filter and Filter Head, 1" x 18' Hose with Static Ground Wire, 1" Ultra High-Flow Automatic Diesel Nozzle (Red), 20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 10 GA 25' Power Cable with Clamps
<b>COMPATIBLE FLUIDS</b>			
<b>PACKAGE DIMENSIONS (WxHxD) / WEIGHT</b>	21.81" x 10" x 19.81" / 45 lbs	21.81" x 10" x 19.81" / 42 lbs	21.81" x 10" x 19.81" / 54 lbs
<b>CERTIFICATIONS</b>	cULus	cULus	cULus
<b>WARRANTY</b>	Limited Lifetime	Limited Lifetime	Limited Lifetime
<b>UPC</b>	089404248195	089404248577	089404248201

DC PUMPS

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METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## FR4220HDSFQ



## FR4205HE



## FR4210HE



## FR4210HEB



CATALOG DESCRIPTION	Automatic Diesel Nozzle, Filter, Swivel	ATEX Motor, BSP Threads, Pump Only	ATEX Motor, Manual Nozzle	ATEX Motor, Automatic Diesel Nozzle
FLOW RATE	20 GPM / 75 LPM	75 LPM	75 LPM	75 LPM
VOLTAGE / AMP RATING (FLA)	12V DC / 19 A	12V DC / 19 A	12V DC / 19 A	12V DC / 19 A
DUTY CYCLE	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	37' / 16 PSI	37' / 16 PSI	37' / 16 PSI	37' / 16 PSI
SUCTION LIFT (FT)	8'	8'	8'	8'
INLET THREAD / OUTLET THREAD	1" NPT / 1" NPT	1" BSPP / 1" BSPP	1" NPT / 1" NPT	1" NPT / 1" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" BSPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	30 Micron Particulate Filter and Filter Head, 1" x 18' Hose with Static Ground Wire, 1" Multi-Plane Swivel, 1" High-Flow Automatic Diesel Nozzle (Green), 20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable	3-Wire 12 GA 18' Power Cable	1" x 12' Hose with Static Ground Wire, 1" Cast Aluminum Manual Nozzle, 20" – 34-½" Steel Telescoping Suction Pipe, 3-Wire 12 GA 18' Power Cable	1" x 12' Hose with Static Ground Wire, 1" Ultra High-Flow Automatic Diesel Nozzle (Green), 20" – 34-½" Steel Telescoping Suction Pipe, 3-Wire 12 GA 18' Power Cable
COMPATIBLE FLUIDS				
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	21.81" x 10" x 19.81" / 46.7 lbs	12.63" x 6.63" x 15.25" / 24.03 lbs	21.81" x 10" x 19.81" / 36 lbs	21.81" x 10" x 19.81" / 36 lbs
CERTIFICATIONS	cULus	ATEX, CE, IECEX, INMETRO	ATEX, CE, INMETRO, IECEX	ATEX, CE, INMETRO, IECEX
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime
UPC	089404248584	089404248188	089404248225	089404248232

## FR4211HN



## FR4211H



## FR4219H



<b>CATALOG DESCRIPTION</b>	Mechanical Meter (Gallons), Suction Pipe	Mechanical Meter (Gallons), Manual Nozzle	Digital Meter, Manual Nozzle
<b>FLOW RATE</b>	20 GPM	20 GPM	20 GPM / 75 LPM
<b>VOLTAGE / AMP RATING (FLA)</b>	12V DC / 19 A	12V DC / 19 A	12V DC / 19 A
<b>DUTY CYCLE</b>	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
<b>DISCHARGE HEAD / DISCHARGE PRESSURE</b>	37' / 16 PSI	37' / 16 PSI	37' / 16 PSI
<b>SUCTION LIFT (FT)</b>	8'	8'	8'
<b>INLET THREAD / OUTLET THREAD</b>	1" NPT / 1" NPT	1" NPT / 1" NPT	1" NPT / 1" NPT
<b>MOUNTING SIZE, THREAD, &amp; TYPE</b>	2" NPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount
<b>KEY INCLUDED COMPONENTS</b>	901C Mechanical Meter (Gallons), 20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable	901C Mechanical Meter (Gallons), 1" x 12' Hose with Static Ground Wire, 1" Cast Aluminum Manual Nozzle, 20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable	TT10AN Digital Meter, 1" x 12' Hose with Static Ground Wire, 1" Cast Aluminum Manual Nozzle, 20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable
<b>ACCURACY</b>	+/- 2%	+/- 2%	+/- 1%
<b>COMPATIBLE FLUIDS</b>			
<b>PACKAGE DIMENSIONS (WxHxD) / WEIGHT</b>	21.81" x 10" x 19.81" / 44.14 lbs	21.81" x 10" x 19.81" / 44.14 lbs	21.81" x 10" x 19.81" / 39 lbs
<b>CERTIFICATIONS</b>	cULus	cULus	cULus
<b>WARRANTY</b>	Limited Lifetime	Limited Lifetime	Limited Lifetime
<b>UPC</b>	089404248287	089404247983	089404248294

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# FR4200 SERIES

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## FR4211HLN



## FR4211HL



## FR4211HEL



<b>CATALOG DESCRIPTION</b>	Mechanical Meter (Liters), Suction Pipe	Mechanical Meter (Liters), Manual Nozzle	ATEX Motor, Mechanical Meter (Liters), Manual Nozzle
<b>FLOW RATE</b>	75 LPM	75 LPM	75 LPM
<b>VOLTAGE / AMP RATING (FLA)</b>	12V DC / 19 A	12V DC / 19 A	12V DC / 19 A
<b>DUTY CYCLE</b>	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
<b>DISCHARGE HEAD / DISCHARGE PRESSURE</b>	37' / 16 PSI	37' / 16 PSI	37' / 16 PSI
<b>SUCTION LIFT (FT)</b>	8'	8'	8'
<b>INLET THREAD / OUTLET THREAD</b>	1" NPT / 1" NPT	1" NPT / 1" NPT	1" NPT / 1" NPT
<b>MOUNTING SIZE, THREAD, &amp; TYPE</b>	2" NPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount
<b>KEY INCLUDED COMPONENTS</b>	901CL Mechanical Meter (Liters), 20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable	901CL Mechanical Meter (Liters), 1" x 12' Hose with Static Ground Wire, 1" Cast Aluminum Manual Nozzle, 20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable	901CL Mechanical Meter (Liters), 1" x 12' Hose with Static Ground Wire, 1" Cast Aluminum Manual Nozzle, 20" – 34-½" Steel Telescoping Suction Pipe, 3-Wire 12 GA 18' Power Cable
<b>ACCURACY</b>	+/- 2%	+/- 2%	+/- 2%
<b>COMPATIBLE FLUIDS</b>			
<b>PACKAGE DIMENSIONS (WxHxD) / WEIGHT</b>	21.81" x 10" x 19.81" / 39 lbs	21.81" x 10" x 19.81" / 39 lbs	21.81" x 10" x 19.81" / 39 lbs
<b>CERTIFICATIONS</b>	cULus	cULus	ATEX, CE, IECEx, INMETRO
<b>WARRANTY</b>	Limited Lifetime	Limited Lifetime	Limited Lifetime
<b>UPC</b>	089404248270	089404248263	089404248256

## FR4406H



## FR4405HE



## FR4410H



CATALOG DESCRIPTION	Pump Only	ATEX Motor, BSP Threads, Pump Only	Manual Nozzle
FLOW RATE	20 GPM / 75 LPM	75 LPM	20 GPM / 75 LPM
VOLTAGE / AMP RATING (FLA)	24V DC / 13 A	24V DC / 13 A	24V DC / 13 A
DUTY CYCLE	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	37' / 16 PSI	37' / 16 PSI	37' / 16 PSI
SUCTION LIFT (FT)	8'	8'	8'
INLET THREAD / OUTLET THREAD	1" NPT / 1" NPT	1" BSPP / 1" BSPP	1" NPT / 1" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" BSPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	2-Wire 12 GA 18' Power Cable	3-Wire 12 GA 18' Power Cable	1" x 12' Hose with Static Ground Wire, 1" Cast Aluminum Manual Nozzle, 20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	12.63" x 6.63" x 15.25" / 22 lbs	12.63" x 6.63" x 15.25" / 22 lbs	15.44" x 10.63" x 18.31" / 34 lbs
CERTIFICATIONS	N/A	ATEX, CE, IECEX, INMETRO	N/A
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime
UPC	089404248317	089404248300	089404248324

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# AC PUMPS

Fill-Rite's AC pumps are ideal for mounting on aboveground storage tanks and other stationary fueling applications. Offered in a variety of performance tiers, AC pumps are the ideal transfer system for both small and large farms, heavy road & commercial construction companies, transportation depots, and other applications with fleets of vehicles.

## FR600 SERIES

- Durable cast-iron construction provides heavy-duty 15 GPM performance and withstands daily use
- Adjustable electrical junction box rotates 180° for added installation flexibility

## FR700 SERIES

- Most popular AC pump that transfers fuel at 20 GPM, an entry-level, high-performance option ideal for medium-sized equipment
- Durable cast-iron construction provides heavy-duty performance and withstands daily use

## FR300 SERIES

- Highest volume AC pump that transfers fuel at 35 GPM, ideal for filling your heaviest equipment
- Durable cast-iron construction provides heavy-duty performance and withstands daily use
- Dual voltage design accepts 115V and 230V AC power, eliminating worry of burning up motor



# AC PUMPS



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**38** FR600 SERIES



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**39** FR700 SERIES



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**46** FR300 SERIES



# FR600 SERIES

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## FR604H



## FR610H



## FR610HA



CATALOG DESCRIPTION	Pump Only	Manual Nozzle	Automatic Gasoline Nozzle
FLOW RATE	15 GPM / 57 LPM	15 GPM / 57 LPM	15 GPM / 57 LPM
VOLTAGE / AMP RATING (FLA)	115V AC / 2 A	115V AC / 2 A	115V AC / 2 A
DUTY CYCLE (MIN)	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	37' / 16 PSI	37' / 16 PSI	37' / 16 PSI
SUCTION LIFT (FT)	8'	8'	8'
INLET THREAD / OUTLET THREAD	1" NPT / 0.75" NPT	1" NPT / 0.75" NPT	1" NPT / 0.75" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	N/A	¾" X 12' UL Listed Hose with Static Ground Wire, ¾" Cast Aluminum Manual Nozzle, 20" – 34 ½" Steel Telescoping Suction Pipe	¾" X 12' UL Listed Hose with Static Ground Wire, ¾" Automatic Unleaded Nozzle, 20" – 34 ½" Steel Telescoping Suction Pipe
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	12.63" x 6.63" x 15.25" / 21 lbs	15.44" x 10.63" x 18.31" / 30 lbs	15.44" x 10.63" x 18.31" / 32 lbs
CERTIFICATIONS	cULus	cULus	cULus
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime
UPC	089404248331	089404248355	089404248362

## FR700VN



## FR700V



## FR710VN



CATALOG DESCRIPTION	¾" - Pump Only	¾" - Manual Nozzle	1" - Pump Only
FLOW RATE	20 GPM / 75 LPM	20 GPM / 75 LPM	20 GPM / 75 LPM
VOLTAGE / AMP RATING (FLA)	115V AC / 5.5 A	115V AC / 5.5 A	115V AC / 5.5 A
DUTY CYCLE (MIN)	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	53' / 23 PSI	53' / 23 PSI	53' / 23 PSI
SUCTION LIFT (FT)	15'	15'	15'
INLET THREAD / OUTLET THREAD	1.25" NPT / 0.75" NPT	1.25" NPT / 0.75" NPT	1.25" NPT / 1" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	N/A	¾" X 12' UL Listed Hose with Static Ground Wire, ¾" Cast Aluminum Nozzle	N/A
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	20.56" x 10.25" x 19.56" / 51.9 lbs	20.56" x 10.25" x 19.56" / 57.4 lbs	20.56" x 10.25" x 19.56" / 51.8 lbs
CERTIFICATIONS	cULus	cULus	cULus
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime
UPC	089404211908	089404006382	089404214695

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# FR700 SERIES

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## FR710VB



## FR713V



CATALOG DESCRIPTION	1" - Automatic Diesel Nozzle	¾" - Remote Switch Pump Only
FLOW RATE	20 GPM / 75 LPM	20 GPM / 75 LPM
VOLTAGE / AMP RATING (FLA)	115V AC / 5.5 A	115V AC / 5.5 A
DUTY CYCLE (MIN)	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	53' / 23 PSI	53' / 23 PSI
SUCTION LIFT (FT)	15'	15'
INLET THREAD / OUTLET THREAD	1.25" NPT / 1" NPT	1.25" NPT / 0.75" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	1" X 18' UL Listed Hose with Static Ground Wire, 1" Ultra Hi-Flow Automatic Diesel Nozzle (Green)	N/A
COMPATIBLE FLUIDS		
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	22.31" x 11.13" x 19.81" / 62.9 lbs	20.56" x 10.25" x 19.56" / 52.3 lbs
CERTIFICATIONS	cULus	cULus
WARRANTY	Limited Lifetime	Limited Lifetime
UPC	089404223956	089404006450

## FR700VG



## FR705VE



CATALOG DESCRIPTION	¾" - 230V, NPT Threads, Manual Nozzle	1" - 230V, BSP Threads, Pump Only
FLOW RATE	20 GPM / 75 LPM	20 GPM / 75 LPM
VOLTAGE / AMP RATING (FLA)	230V AC / 2.4 A	220V AC / 2.4 A
DUTY CYCLE (MIN)	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	53' / 23 PSI	53' / 23 PSI
SUCTION LIFT (FT)	15'	15'
INLET THREAD / OUTLET THREAD	1.25" NPT / 0.75" NPT	1" BSPP / 1" BSPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" BSPT Bung Mount
KEY INCLUDED COMPONENTS	¾" X 12' UL Listed Hose with Static Ground Wire, ¾" Cast Aluminum Manual Nozzle	N/A
COMPATIBLE FLUIDS		
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	20.56" x 10.25" x 19.56" / 57.8 lbs	20.56" x 10.25" x 19.56" / 52.6 lbs
CERTIFICATIONS	cULus	CE, ATEX, IECEx, INMETRO
WARRANTY	Limited Lifetime	Limited Lifetime
UPC	089404006436	089404211434

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# FR700 SERIES

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## FR701V



## FR711VA



## FR701VLN



<b>CATALOG DESCRIPTION</b>	¾" - Mechanical Meter & Manual Nozzle	1" - Mechanical Meter & Automatic Diesel Nozzle	¾" - Mechanical Meter (Liters)
<b>FLOW RATE</b>	20 GPM / 75 LPM	20 GPM / 75 LPM	20 GPM / 75 LPM
<b>VOLTAGE / AMP RATING (FLA)</b>	115V AC / 5.5 A	115V AC / 5.5 A	115V AC / 5.5 A
<b>DUTY CYCLE (MIN)</b>	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
<b>DISCHARGE HEAD / DISCHARGE PRESSURE</b>	53' / 23 PSI	53' / 23 PSI	53' / 23 PSI
<b>SUCTION LIFT (FT)</b>	15'	15'	15'
<b>INLET THREAD / OUTLET THREAD</b>	1.25" NPT / 0.75" NPT	1.25" NPT / 1" NPT	1.25" NPT / 0.75" NPT
<b>MOUNTING SIZE, THREAD, &amp; TYPE</b>	2" NPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount
<b>KEY INCLUDED COMPONENTS</b>	807C Mechanical Meter (Gallons), ¾" X 12' UL Listed Hose with Static Ground Wire, ¾" Cast Aluminum Manual Nozzle	901C Mechanical Meter (Gallons), 1" X 18' UL Listed Hose with Static Ground Wire, 1" Ultra Hi-Flow Automatic Diesel Nozzle (Green)	807CL Mechanical Meter (Liters)
<b>COMPATIBLE FLUIDS</b>			
<b>PACKAGE DIMENSIONS (WxHxD) / WEIGHT</b>	20.56" x 10.25" x 19.56" / 62.4 lbs	22.31" x 11.13" x 19.81" / 71.8 lbs	20.56" x 10.25" x 19.56" / 57.4 lbs
<b>CERTIFICATIONS</b>	cULus	cULus	cULus
<b>WARRANTY</b>	Limited Lifetime	Limited Lifetime	Limited Lifetime
<b>UPC</b>	089404006535	089404214404	089404246184

## FR701VL



## FR701VG



## FR701VGL



CATALOG DESCRIPTION	¾" - Mechanical Meter (Liters) & Manual Nozzle	¾" - Mechanical Meter & Manual Nozzle	¾" - Mechanical Meter (Liters) & Manual Nozzle
FLOW RATE	20 GPM / 75 LPM	20 GPM / 75 LPM	20 GPM / 75 LPM
VOLTAGE / AMP RATING (FLA)	115V AC / 5.5 A	230V AC / 2.4 A	230V AC / 2.4 A
DUTY CYCLE (MIN)	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	53' / 23 PSI	53' / 23 PSI	53' / 23 PSI
SUCTION LIFT (FT)	15'	15'	15'
INLET THREAD / OUTLET THREAD	1.25" NPT / 0.75" NPT	1.25" NPT / 0.75" NPT	1.25" NPT / 0.75" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	807CL Mechanical Meter (Liters), ¾" X 12' UL Listed Hose with Static Ground Wire, ¾" Cast Aluminum Manual Nozzle	807C Mechanical Meter (Gallons), ¾" X 12' UL Listed Hose with Static Ground Wire, ¾" Cast Aluminum Manual Nozzle	807CL Mechanical Meter (Liters), ¾" X 12' UL Listed Hose with Static Ground Wire, ¾" Cast Aluminum Manual Nozzle
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	20.56" x 10.25" x 19.56" / 63.1 lbs	20.56" x 10.25" x 19.56" / 63.5 lbs	20.56" x 10.25" x 19.56" / 63.4 lbs
CERTIFICATIONS	cULus	cULus	cULus
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime
UPC	089404006542	089404007273	089404007631

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# FR700 SERIES

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## FR701VN



## FR711VLN



## FR711VN



CATALOG DESCRIPTION	¾" - Mechanical Meter	1" - Mechanical Meter (Liters)	1" - Mechanical Meter
FLOW RATE	20 GPM / 75 LPM	20 GPM / 75 LPM	20 GPM / 75 LPM
VOLTAGE / AMP RATING (FLA)	115V AC / 5.5 A	115V AC / 5.5 A	115V AC / 5.5 A
DUTY CYCLE (MIN)	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	53' / 23 PSI	53' / 23 PSI	53' / 23 PSI
SUCTION LIFT (FT)	15'	15'	15'
INLET THREAD / OUTLET THREAD	1.25" NPT / 0.75" NPT	1.25" NPT / 1" NPT	1.25" NPT / 1" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	807C Mechanical Meter (Gallons)	901CL Mechanical Meter (Liters)	901C Mechanical Meter (Gallons)
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	20.56" x 10.25" x 19.56" / 62.4 lbs	22.31" x 11.13" x 19.81" / 71.8 lbs	22.31" x 11.13" x 19.81" / 71.8 lbs
CERTIFICATIONS	cULus	cULus	cULus
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime
UPC	089404006535	089404258019	089404258026

## FR700VE



## FR701VEL



CATALOG DESCRIPTION	¾" - Manual Nozzle	¾" - Mechanical Meter (Liters) & Manual Nozzle
FLOW RATE	20 GPM / 75 LPM	20 GPM / 75 LPM
VOLTAGE / AMP RATING (FLA)	230V AC / 2.4 A	230V AC / 2.4 A
DUTY CYCLE (MIN)	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	53' / 23 PSI	53' / 23 PSI
SUCTION LIFT (FT)	15'	15'
INLET THREAD / OUTLET THREAD	1.25" NPT / 0.75" NPT	1.25" NPT / 0.75" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	¾" X 12' UL Listed Hose with Static Ground Wire, ¾" Cast Aluminum Manual Nozzle	807CL Mechanical Meter (Liters), ¾" X 12' UL Listed Hose with Static Ground Wire, ¾" Cast Aluminum Manual Nozzle
COMPATIBLE FLUIDS		
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	19.5" x 10.25" x 20.5" / 57.7 lbs	19.5" x 10.25" x 20.5" / 62.8 lbs
CERTIFICATIONS	CE, ATEX, IECEX, INMETRO	CE, ATEX, IECEX, INMETRO
WARRANTY	Limited Lifetime	Limited Lifetime
UPC	089404006559	089404006856

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# FR300 SERIES

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## FR310VN



## FR310VB



## FR313V



CATALOG DESCRIPTION	Pump Only	Automatic Diesel Nozzle	Remote Switch & Anti-Siphon Kit
FLOW RATE	35 GPM / 132 LPM	35 GPM / 132 LPM	35 GPM / 132 LPM
VOLTAGE / AMP RATING (FLA)	115V / 230V AC 9.8 / 4.9 A	115V / 230V AC 9.8 / 4.9 A	115V / 230V AC 9.8 / 4.9 A
DUTY CYCLE (MIN)	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	60' / 26 PSI	60' / 26 PSI	60' / 26 PSI
SUCTION LIFT (FT)	18'	18'	18'
INLET THREAD / OUTLET THREAD	1.25" NPT / 1" NPT	1.25" NPT / 1" NPT	1.25" NPT / 1" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	N/A	1" X 18' UL Listed Hose with Static Ground Wire, 1" Ultra Hi-Flow Automatic Diesel Nozzle (Green)	N/A
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	22.31" x 12.25" x 19.75" / 74.7 lbs	22.31" x 12.25" x 19.75" / 87.5 lbs	22.31" x 12.25" x 19.75" / 72.2 lbs
CERTIFICATIONS	cULus	cULus	cULus
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime
UPC	089404224281	089404076026	089404076576

## FR310VEMN



## FR311VN



## FR311VB



CATALOG DESCRIPTION	Pump Only, BSP Threads, ATEX Motor	Mechanical Meter	Mechanical Meter & Automatic Diesel Nozzle
FLOW RATE	35 GPM / 132 LPM	35 GPM / 132 LPM	35 GPM / 132 LPM
VOLTAGE / AMP RATING (FLA)	115V / 230V AC 9.8 / 4.9 A @ 60 HZ 11.4 / 5.7 A @ 50 HZ	115V / 230V AC 9.8 / 4.9 A	115V / 230V AC 9.8 / 4.9 A
DUTY CYCLE (MIN)	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	60' / 26 PSI	60' / 26 PSI	60' / 26 PSI
SUCTION LIFT (FT)	18'	18'	18'
INLET THREAD / OUTLET THREAD	1.5" BSPP / 1" BSPT	1.25" NPT / 1" NPT	1.25" NPT / 1" NPT
MOUNTING SIZE, THREAD, & TYPE	2" BSPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	N/A	901C Mechanical Meter (Gallons)	901C Mechanical Meter (Gallons), 1" X 18' UL Listed Hose with Static Ground Wire, 1" Ultra Hi-Flow Automatic Diesel Nozzle (Green), Hard-Wire Cable
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	22.31" x 12.25" x 19.75" / 73.4 lbs	22.31" x 12.25" x 19.75" / 83 lbs	22.31" x 12.25" x 19.75" / 91.97 lbs
CERTIFICATIONS	ATEX, CE, IECEx, INMETRO	cULus	cULus
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime
UPC	089404215753	089404224298	089404090602

DC PUMPS

AC PUMPS

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NEXTEC

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OVAL GEAR METERS

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## FR319VB



## FR311VLN



CATALOG DESCRIPTION	Digital Meter & Automatic Diesel Nozzle	Mechanical Meter (Liters)
FLOW RATE	35 GPM / 132 LPM	35 GPM / 132 LPM
VOLTAGE / AMP RATING (FLA)	115V / 230V AC 9.8 / 4.9 A	115V / 230V AC
DUTY CYCLE (MIN)	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	60' / 26 PSI	60' / 26 PSI
SUCTION LIFT (FT)	18'	18'
INLET THREAD / OUTLET THREAD	1.25" NPT / 1" NPT	1.25" NPT / 1" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	900CD Digital Meter, 1" X 18' UL Listed Hose with Static Ground Wire, 1" Ultra Hi-Flow Automatic Diesel Nozzle (Green)	901CL Mechanical Meter (Liters)
COMPATIBLE FLUIDS		
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	22.31" x 12.25" x 19.75" / 94.1 lbs	22.31" x 12.25" x 19.75" / 83 lbs
CERTIFICATIONS	cULus	cULus
WARRANTY	Limited Lifetime	Limited Lifetime
UPC	089404216576	089404224311

## FR311VLB



## FR311VELMN



## FR311VELN



CATALOG DESCRIPTION	Mechanical Meter (Liters) & Automatic Diesel Nozzle	BSP Threads, ATEX Motor, Mechanical Meter (Liters)	ATEX Motor, Mechanical Meter (Liters)
FLOW RATE	35 GPM / 132 LPM	35 GPM / 132 LPM	35 GPM / 132 LPM
VOLTAGE / AMP RATING (FLA)	115V / 230V AC	115V / 230V AC 9.8 / 4.9 A @ 60 HZ 11.4 / 5.7 A @ 50 HZ	115V / 230V AC 9.8 / 4.9 A @ 60 HZ 11.4 / 5.7 A @ 50 HZ
DUTY CYCLE (MIN)	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	60' / 26 PSI	60' / 26 PSI	60' / 26 PSI
SUCTION LIFT (FT)	18'	18'	18'
INLET THREAD / OUTLET THREAD	1.25" NPT / 1" NPT	1.5" BSPP / 1" BSPT	1.25" NPT / 1" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" BSPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	901CL Mechanical Meter (Liters), 1" X 18' UL Listed Hose with Static Ground Wire, 1" Ultra Hi-Flow Automatic Diesel Nozzle (Green)	901CL Mechanical Meter (Liters)	901CL Mechanical Meter (Liters)
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	22.31" x 12.25" x 19.75" / 98.35 lbs	22.31" x 12.25" x 19.75" / 94 lbs	22.31" x 12.25" x 19.75" / 85.6 lbs
CERTIFICATIONS	cULus	ATEX, CE, IECEx, INMETRO	ATEX, CE, IECEx, INMETRO
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime
UPC	089404223697	089404215760	089404224304

DC PUMPS

AC PUMPS

NEXTEC

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CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

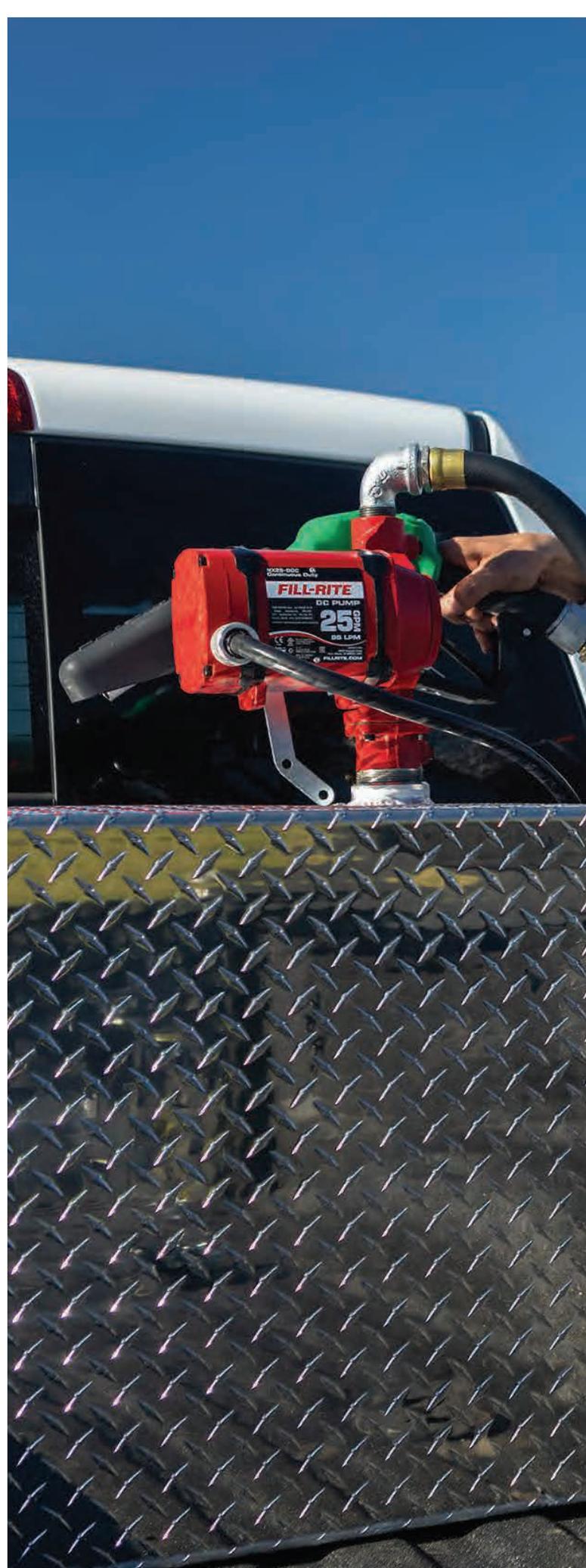
DEF

KITS

# NEXTEC SERIES

Fill-Rite's continuous duty nextec Series allows you to transfer fuel all day with no driver downtime. Equipped with Fill-Rite's proprietary nextec Intelligence® technology, this industry leading pump is built with an array of design advancements, technologies, and user functionalities that take performance to unprecedented levels.

- Continuous duty, variable speed motor efficiently transfers fuel at 25 GPM without overheating, extending pump life and eliminating driver downtime
- Automatically turns itself off after 20 minutes of inactivity, eliminating unnecessary power consumption and excessive wear
- Audible Intelligent Tones alert you when and where attention is needed, saving time and eliminating guesswork
- Dependable cast-iron and cast-aluminum construction, combined with a powder-coated exterior, create lifelong durability and elite corrosion protection
- Ultra lightweight at less than 25 pounds, making installation safer, faster, and strain-free compared to heavier AC fuel transfer pumps
- Bung mount and foot mount models available to accommodate traditional aboveground storage tanks and banded or compartmentalized tanks
- Variable speed motor automatically adjusts speed for peak performance output and suction lift
- NX25-DDC: dual voltage design accepts power from 12/24V DC batteries, offering more flexibility on which vehicles you can power from





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## 52 NEXTEC SERIES

52 NX25-DDC

54 NX25-120



# NX25-DDC SERIES

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## NX25-DDCNB-PX



## NX25-DDCNB-AA



## NX25-DDCNF-PX



CATALOG DESCRIPTION	Bung - NPT Threads, Pump Only	Bung - Diesel Automatic Nozzle	Foot - NPT Threads, Pump Only
FLOW RATE	25 GPM / 95 LPM	25 GPM / 95 LPM	25 GPM / 95 LPM
VOLTAGE / AMP RATING (FLA)	12V/24V DC / 30 A	12V/24V DC / 30 A	12V/24V DC / 30 A
DUTY CYCLE (MIN)	Continuous Duty	Continuous Duty	Continuous Duty
DISCHARGE HEAD / DISCHARGE PRESSURE	48' / 21 PSI	48' / 21 PSI	48' / 21 PSI
SUCTION LIFT (FT)	12'	12'	12'
INLET THREAD / OUTLET THREAD	1.25" NPT / 1" NPT	1.25" NPT / 1" NPT	1" NPT / 1" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" NPT Bung Mount	Foot Mount
KEY INCLUDED COMPONENTS	Removable Power Cord with Battery Clips	1" x 18' Hose with Static Ground Wire, 1" Ultra High-Flow Automatic Diesel Nozzle (Green), & Removeable Power Cord with Battery Clips	Removable Power Cord with Battery Clips
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	15.5" x 11" x 18.5" / 34.9 lbs	20" x 10.25" x 22" / 49.5 lbs	19" x 11" x 18.5" / 34 lbs
CERTIFICATIONS	cULus, ATEX, IECEX, & CE	cULus, ATEX, IECEX, CE, & AG	cULus, ATEX, IECEX, CE, & AG
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime
UPC	089404245477	089404245484	089404245507

## NX25-DDCNF-AA



## NX25-DDCBB-PX



## NX25-DDCBF-PX



CATALOG DESCRIPTION	Foot - NPT Threads, Automatic Diesel Nozzle	Bung - BSP Threads, Pump Only	Foot - BSPP Threads, Pump Only
FLOW RATE	25 GPM / 95 LPM	25 GPM / 95 LPM	25 GPM / 95 LPM
VOLTAGE / AMP RATING (FLA)	12V/24V DC / 30 A	12V/24V DC / 30 A	12V/24V DC / 30 A
DUTY CYCLE (MIN)	Continuous Duty	Continuous Duty	Continuous Duty
DISCHARGE HEAD / DISCHARGE PRESSURE	48' / 21 PSI	48' / 21 PSI	48' / 21 PSI
SUCTION LIFT (FT)	12'	12'	12'
INLET THREAD / OUTLET THREAD	1" NPT / 1" NPT	1.25" BSPP / 1" BSPP	1" BSPP / 1" BSPP
MOUNTING SIZE, THREAD, & TYPE	Foot Mount	2" BSPT Bung Mount	Foot Mount
KEY INCLUDED COMPONENTS	1" x 18' Hose with Static Ground Wire, 1" Ultra High-Flow Automatic Diesel Nozzle (Green), & Removeable Power Cord with Battery Clips	Removeable Power Cord with Battery Clips	Removeable Power Cord with Battery Clips
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	21.81" x 10" x 19.81" / 50 lbs	18.31" x 10.63" x 18.44" / 35 lbs	18.31" x 10.63" x 18.44" / 35 lbs
CERTIFICATIONS	cULus, ATEX, IECEx, & CE	cULus, ATEX, IECEx, & CE	cULus, ATEX, IECEx, & CE
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime
UPC	089404245491	089404245514	089404245521

DC PUMPS

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# NX25-120 SERIES

## NX25-120NB-PX



## NX25-120NB-AA



<b>CATALOG DESCRIPTION</b>	Bung - NPT Threads, Pump Only	Bung - Automatic Diesel Nozzle
<b>FLOW RATE</b>	25 GPM / 95 LPM	25 GPM / 95 LPM
<b>VOLTAGE / AMP RATING (FLA)</b>	115V AC / 3.5 A	115V AC / 3.5 A
<b>DUTY CYCLE (MIN)</b>	Continuous Duty	Continuous Duty
<b>DISCHARGE HEAD / DISCHARGE PRESSURE</b>	48' / 25 PSI	48' / 25 PSI
<b>SUCTION LIFT (FT)</b>	12'	12'
<b>INLET THREAD / OUTLET THREAD</b>	1.25" NPT / 1" NPT	1.25" NPT / 1" NPT
<b>MOUNTING SIZE, THREAD, &amp; TYPE</b>	2" NPT Bung Mount	2" NPT Bung Mount
<b>KEY INCLUDED COMPONENTS</b>	N/A	1" x 18' UL Listed Hose with Static Ground Wire, & 1" Ultra High-Flow Automatic Diesel Nozzle (Green)
<b>COMPATIBLE FLUIDS</b>		
<b>PACKAGE DIMENSIONS (WxHxD) / WEIGHT</b>	15.44" x 11.38" x 18.31" / 29 lbs	21.81" x 11.38" x 19.81" / 44 lbs
<b>CERTIFICATIONS</b>	cULus	cULus
<b>WARRANTY</b>	Limited Lifetime	Limited Lifetime
<b>UPC</b>	089404247471	089404247488

## NX25-120NF-PX



## NX25-120NF-AA



CATALOG DESCRIPTION	Foot - NPT Threads, Pump Only	Foot - Automatic Diesel Nozzle
FLOW RATE	25 GPM / 95 LPM	25 GPM / 95 LPM
VOLTAGE / AMP RATING (FLA)	115V AC / 3.5 A	115V AC / 3.5 A
DUTY CYCLE	Continuous Duty	Continuous Duty
DISCHARGE HEAD / DISCHARGE PRESSURE	48' / 25 PSI	48' / 25 PSI
SUCTION LIFT (FT)	12'	12'
INLET THREAD / OUTLET THREAD	1" NPT / 1" NPT	1" NPT / 1" NPT
MOUNTING SIZE, THREAD, & TYPE	Foot Mount	Foot Mount
KEY INCLUDED COMPONENTS	N/A	1" x 18' UL Listed Hose with Static Ground Wire & 1" Ultra High-Flow Automatic Diesel Nozzle (Green)
COMPATIBLE FLUIDS		
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	15.44" x 11.38" x 18.31" / 28 lbs	21.81" x 11.38" x 19.81" / 42 lbs
CERTIFICATIONS	cULus	cULus
WARRANTY	Limited Lifetime	Limited Lifetime
UPC	089404247532	089404247549

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# FUEL MANAGEMENT SYSTEM

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**Fill-Rite FMS is a fuel management system that combines simple hardware, an intuitive mobile app, and a full-feature web portal for real-time security and control over fuel. Fill-Rite FMS substantially reduces inventory slippage, management & reporting costs, and is the only fuel management system that automatically completes federal tax refund forms. It is the only FMS that actually pays you!**

## **HARDWARE**

Our compact, easy to install hardware gives you constant connectivity at a lower cost than traditional systems

## **MOBILE APP**

Allows drivers to unlock pumps using their designated pin code from their smartphones and tablets

## **WEB PORTAL**

The command center, where managers can monitor inventory, run reports, and seamlessly manage permissions



# FUEL MANAGEMENT SYSTEM



**58** FILL-RITE FMS

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## Fill-Rite's Fuel Management System combines hardware, a mobile application, and a web portal to give users real-time control over their fuel.

### SECURE

Protect your fuel with driver-specific pin codes and robust tracking tools to identify and stop fraud or theft

### AFFORDABLE

Automate tax refunds for off-road fuel use, all while paying a fraction of the cost of legacy fuel management systems with comparable features

### EXPANDABLE

Simply add modules to scale with your business. Each module supports unlimited drivers, vehicles, transactions, and users

### SIMPLE

Install in a day and take control with the intuitive app and web portal. Customize and automate reports

### WEB-BASED

Access information from anywhere at any time. With our subscription-based service, updates and improvements happen automatically on a regular basis and you never have to pay extra for them



SIGN UP FOR A FREE  
FILL-RITE FMS WEBINAR

## NXFM200

The **NXFM200** model is a 2-hose site controller module for the Fill-Rite FMS



## NXFM150

The **NXFM150** model is a 5-hose expansion module for the Fill-Rite FMS. You can link up to 10 **NXFM150**'s per **NXFM200**



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### ACCESSORIES



#### NXFMPED

Full Pedestal Assembly, FMS (includes accessories listed to the right)



#### FMXENC

Extreme Temp Tablet Enclosure



#### FMIPAD10

Standard 64GB Apple iPad and Cellular Ready, Includes Case



#### FMPED

Pedestal Only

### HARDWARE KITS

#### KITFMPEDHW

Hardware Kit for NXFMPED

#### KITFMFAN

Replacement Fan for NXFMPED and FMXENC



#### FMPCB

Replacement Pump Control Board for NXFM200

### EXTENDED ANTENNAS



#### FMSANT05

2.4GHz 5dB Wi-Fi Antenna; SMA with SMA to uFL Adapter, 5' Cable



#### FMSANT15

2.4GHz 5dB Wi-Fi Antenna; SMA with SMA to uFL Adapter, 15' Cable



#### FMSANT35

2.4GHz 5dB Wi-Fi Antenna; SMA with SMA to uFL Adapter, 35' Cable

# HAND PUMPS

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Fill-Rite's hand pumps are ideal for low-volume applications or where power may not be available. Offered in a variety of styles (piston, rotary, and pneumatic) hand pumps are the ideal transfer system for automotive repair shops, light agriculture & construction, and disaster relief.

## ROTARY & PISTON SERIES

- Cast-aluminum construction is designed for maximum durability and lifetime corrosion resistance
- UL certified to strict standards, ensuring highest degree of operator safety
- Vacuum breaker helps deliver consistent performance and smoother flow at discharge
- Included strainer protects equipment by filtering out large contaminants

## ECONOMY SERIES

- Durable cast-iron, stainless steel, and polypropylene construction resist corrosion over lifetime
- Pneumatic option seamlessly hooks up to existing air lines in garage or shop, delivering quick transfer solution
- Hand operated pumps deliver low, steady flow rate ideal for small tanks and reservoirs
- Easily installs to bung mounts on 55-gallon drums
- Wide range of fluid compatibility including fuels, oils, and some chemicals





# HAND PUMPS

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## 62 PISTON SERIES



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## 63 ROTARY SERIES



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## 65 ECONOMY SERIES

# PISTON SERIES

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## FR150



## FR151



## FR152



CATALOG DESCRIPTION	Pump Only	Pail Spout, Suction Pipe	Nozzle Spout, Suction Pipe, Discharge Hose
TECHNOLOGY	Piston	Piston	Piston
FLOW RATE	20 Gal / 75 Liters Per 100 Strokes	20 Gal / 75 Liters Per 100 Strokes	20 Gal / 75 Liters Per 100 Strokes
INLET THREAD / OUTLET THREAD	1" NPT / 0.75" NPT	1" NPT / 0.75" NPT	1" NPT / 0.75" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	None	3/4" Cast Aluminum Pail Spout, 20" – 34-1/2" Steel Telescoping Suction Pipe	5/8" X 8' UL Listed Hose with Static Ground Wire, 3/4" Cast Aluminum Nozzle Spout, 20" – 34-1/2" Steel Telescoping Suction Pipe
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	23.38" x 8.56" x 8.63" / 10 lbs	23.38" x 8.56" x 8.63" / 12 lbs	23.38" x 8.56" x 8.63" / 14 lbs
CERTIFICATIONS	CE, ATEX, UL	CE, ATEX, UL	CE, ATEX, UL
WARRANTY	2 Years	2 Years	2 Years
UPC	089404004043	089404004258	089404004289

## FR110



## FR112



## FR113



CATALOG DESCRIPTION	Pump Only	Nozzle Spout, Suction Pipe, Discharge Hose	Pail Spout, Suction Pipe
TECHNOLOGY	Rotary Vane	Rotary Vane	Rotary Vane
FLOW RATE	10 Gal / 38 Liters Per 100 Revolutions	10 Gal / 38 Liters Per 100 Revolutions	10 Gal / 38 Liters Per 100 Revolutions
INLET THREAD / OUTLET THREAD	1" NPT / 0.75" NPT	1" NPT / 0.75" NPT	1" NPT / 0.75" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	None	5/8" X 8' UL Listed Hose with Static Ground Wire, 3/4" Cast Aluminum Nozzle Spout, 20" – 34-1/2" Steel Telescoping Suction Pipe	3/4" Cast Aluminum Pail Spout, 20" – 34-1/2" Steel Telescoping Suction Pipe
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	6.13" x 6.56" x 15.63" / 11 lbs	23.38" x 8.56" x 8.63" / 16 lbs	23.38" x 8.56" x 8.63" / 14 lbs
CERTIFICATIONS	ATEX, CE, UL	ATEX, CE, UL	ATEX, CE, UL
WARRANTY	2 Years	2 Years	2 Years
UPC	089404002605	089404002803	089404003008

DC PUMPS

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## FR112C



## FR112CL



<b>CATALOG DESCRIPTION</b>	Nozzle Spout, Gallon Counter, Suction Pipe, Discharge Hose	Nozzle Spout, Liter Counter, Suction Pipe, Discharge Hose
<b>TECHNOLOGY</b>	Rotary Vane	Rotary Vane
<b>FLOW RATE</b>	10 Gal / 38 Liters Per 100 Revolutions	10 Gal / 38 Liters Per 100 Revolutions
<b>INLET THREAD / OUTLET THREAD</b>	1" NPT / 0.75" NPT	1" NPT / 0.75" NPT
<b>MOUNTING SIZE, THREAD, &amp; TYPE</b>	2" NPT Bung Mount	2" NPT Bung Mount
<b>KEY INCLUDED COMPONENTS</b>	Gallon Counter, 5/8" X 8' UL Listed Hose with Static Ground Wire, 3/4" Cast Aluminum Nozzle Spout, 20" – 34-1/2" Steel Telescoping Suction Pipe	Liter Counter, 5/8" X 8' UL Listed Hose with Static Ground Wire, 3/4" Cast Aluminum Nozzle Spout, 20" – 34-1/2" Steel Telescoping Suction Pipe
<b>COMPATIBLE FLUIDS</b>		
<b>PACKAGE DIMENSIONS (WxHxD) / WEIGHT</b>	23.38" x 8.56" x 8.63" / 16 lbs	23.38" x 8.56" x 8.63" / 16 lbs
<b>CERTIFICATIONS</b>	ATEX, CE, UL	ATEX, CE, UL
<b>WARRANTY</b>	2 Years	2 Years
<b>UPC</b>	089404002902	089404002742

	SD62	SD11	FR20V	FRHP32V	FRAP32V	DC PUMPS
						AC PUMPS
<b>CATALOG DESCRIPTION</b>	Economy Rotary Pump	Residential Garden Hose Spout	Economy Piston - Fuels	Economy Piston - Chemicals	Air Operated Pump Only	NEXTEC
<b>TECHNOLOGY</b>	Rotary Vane	Piston	Piston	Piston	Pneumatic	FMS
<b>VOLUME</b>	7.5 Gal. / 28 Liters Per 100 Revolutions	11 oz. / 33 mL Per Stroke	11 oz. / 33 mL Per Stroke	11 oz. / 33 mL Per Stroke	11 oz. / 33 mL Per Stroke	<b>HAND PUMPS</b>
<b>INLET THREAD / OUTLET THREAD</b>	0.75" NPT / 0.75" NPT	1" NPT / Garden Hose Thread	1" NPT / 0.75" Hose Barb	1" NPT / 0.75" Hose Barb	1" NPT / 0.75" Hose Barb	METERS
<b>MOUNTING SIZE, THREAD, &amp; TYPE</b>	2" NPT Bung Mount	2" NPT Bung Mount	OVAL GEAR METERS			
<b>KEY INCLUDED COMPONENTS</b>	¾" Cast Aluminum Pail Spout, 15-¼" - 43" Steel 3-Piece Suction Pipe	20" - 34-½" Steel Telescoping Suction Pipe	19-½" - 35-½" Polypropylene Telescoping Suction Pipe	19-½" - 35-½" Polypropylene Telescoping Suction Pipe	19-½" - 35-½" Polypropylene Telescoping Suction Pipe	CABINET DISPENSERS
<b>COMPATIBLE FLUIDS</b>						BULK TRANSFER
<b>PACKAGE DIMENSIONS (WxHxD) / WEIGHT</b>	8.1" x 10" x 10.6" / 11 lbs	19.5" x 8.5" x 3" / 6 lbs	20.79" x 9.33" x 4.45" / 3 lbs	20.79" x 9.33" x 4.45" / 3 lbs	20.79" x 9.33" x 4.45" / 4 lbs	ACCESSORIES
<b>WARRANTY</b>	1 Year	1 Year	1 Year	1 Year	1 Year	DEF
<b>UPC</b>	089404185179	089404195451	089404004241	089404215012	089404215029	KITS

# FLOW METERS

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Fill-Rite's flow meters are the ideal solution for reliably tracking fluid inventory in both mobile and stationary fueling applications. Fill-Rite's flow meters are offered with both mechanical and digital displays, come available in a range of sizes, and have impressive fluid compatibilities.

## 800 & 900 MECHANICAL METERS

- Versatile nutating disc technology is capable of removing rust and small debris that cause damage to other meters

## 800 MECHANICAL METERS

- 3-digit display meters register flow rates between 5–20 GPM and are perfect for filling small equipment

## 900 MECHANICAL METERS

- 4-digit display meters register flow rates between 6–40 GPM and are perfect for filling heavy equipment

## DIGITAL METERS

- Streamlined design allows meters to be installed in-line near the nozzle for easier viewing
- Track fluids in user-created units or preset measurements like gallons, litres, ounces, pints, and quarts
- Accuracy ratings at +/- 1% ensure your record keeping is precise as possible
- Large LCD display rotates 180° for your convenience

## TN MECHANICAL METERS

- Provide high accuracy in non-custody transfer applications such as inventory control of refined petroleum products and non-corrosive chemicals
- TN740 and TN760 series designed for use in high-pressure automotive fluid distribution systems, lube trucks, and other lubricating services
- TN860 series offers configurations for ALS, biodiesel, diesel, fuel oil No. 2, kerosene, and non-potable water



# FLOW METERS



**68** 800 MECHANICAL METERS



**73** 900 MECHANICAL METERS



**79** IN-LINE DIGITAL TURBINE



**81** 800 DIGITAL METERS



**83** 900 DIGITAL METERS



**87** TN SERIES METERS



# 800 SERIES MECHANICAL METERS

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AC PUMPS

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HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

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## 806C



## 807C



## 807CMK



CATALOG DESCRIPTION	1" Gravity Mechanical Meter (Gallons)	¾" Mechanical Meter (Gallons)	¾" Mechanical Meter (Gallons) with Fittings
TECHNOLOGY	Nutating Disc	Nutating Disc	Nutating Disc
FLOW RATE RANGE	5-20 GPM	5-20 GPM	5-20 GPM
OPERATING TEMPERATURE RANGE	-15 - 150°F / -26 - 66°C	-15 - 150°F / -26 - 66°C	-15 - 150°F / -26 - 66°C
ACCURACY	+/- 1%	+/- 1%	+/- 1%
DISPLAY DIGITS	3	3	3
INLET THREAD / OUTLET THREAD	1" NPT / 1" NPT	0.75" NPT / 0.75" NPT	0.75" NPT / 0.75" NPT
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	7.25" x 7.38" x 10.5" / 6.8 lbs	7.25" x 7.38" x 10.5" / 5 lbs	7.25" x 7.38" x 10.5" / 5.6 lbs
CERTIFICATIONS	CE, cULus, ATEX	CE, cULus, ATEX	CE, cULus, ATEX
WARRANTY	2 Year	2 Year	2 Year
UPC	089404110324	089404110973	089404088302

# 800 SERIES MECHANICAL METERS

## 807C1



## 807CN1



## 806CL



CATALOG DESCRIPTION	1" Mechanical Meter (Gallons)	1" Nickel Plated Mechanical Meter (Gallons)	1" Gravity Mechanical Meter (Liters)
TECHNOLOGY	Nutating Disc	Nutating Disc	Nutating Disc
FLOW RATE RANGE	5-20 GPM	5-20 GPM	19-76 LPM
OPERATING TEMPERATURE RANGE	-15 - 150°F / -26 - 66°C	-15 - 150°F / -26 - 66°C	-15 - 150°F / -26 - 66°C
ACCURACY	+/- 1%	+/- 1%	+/- 1%
DISPLAY DIGITS	3	3	3
INLET THREAD / OUTLET THREAD	1" NPT / 1" NPT	1" NPT / 1" NPT	1" NPT / 1" NPT
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	7.25" x 7.38" x 10.5" / 5.5 lbs	7.25" x 7.38" x 10.5" / 5.6 lbs	7.25" x 7.38" x 10.5" / 6.8 lbs
CERTIFICATIONS	CE, cULus, ATEX	CE, cULus, ATEX	CE, cULus, ATEX
WARRANTY	2 Year	2 Year	2 Year
UPC	089404110980	089404116821	089404110492

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# 800 SERIES MECHANICAL METERS

## 807CL



## 807CLMK



## 807CL1



CATALOG DESCRIPTION	¾" Mechanical Meter (Liters)	¾" Mechanical Meter (Liters) with Fittings	1" Mechanical Meter (Liters)
TECHNOLOGY	Nutating Disc	Nutating Disc	Nutating Disc
FLOW RATE RANGE	19-76 LPM	19-76 LPM	19-76 LPM
OPERATING TEMPERATURE RANGE	-15 - 150°F / -26 - 66°C	-15 - 150°F / -26 - 66°C	-15 - 150°F / -26 - 66°C
ACCURACY	+/- 1%	+/- 1%	+/- 1%
DISPLAY DIGITS	3	3	3
INLET THREAD / OUTLET THREAD	0.75" NPT / 0.75" NPT	0.75" NPT / 0.75" NPT	1" NPT / 1" NPT
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	7.25" x 7.38" x 10.5" / 5 lbs	7.25" x 7.38" x 10.5" / 5.6 lbs	7.25" x 7.38" x 10.5" / 5 lbs
CERTIFICATIONS	CE, cULus, ATEX	cULus, CE, ATEX	CE, cULus, ATEX
WARRANTY	2 Year	2 Year	2 Year
UPC	089404110997	089404089095	089404111000

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# 800 SERIES MECHANICAL METERS

## 807CLN1



## 806CLX418



CATALOG DESCRIPTION	1" Nickel Plated Mechanical Meter (Liters)	1" BSPT Mechanical Meter (Liters)
TECHNOLOGY	Nutating Disc	Nutating Disc
FLOW RATE RANGE	19-76 LPM	19-76 LPM
OPERATING TEMPERATURE RANGE	-15 - 150°F / -26 - 66°C	-15 - 150°F / -26 - 66°C
ACCURACY	+/- 1%	+/- 1%
DISPLAY DIGITS	3	3
INLET THREAD / OUTLET THREAD	1" NPT / 1" NPT	1" BSPT / 1" BSPT
COMPATIBLE FLUIDS		
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	7.25" x 7.38" x 10.5" / 5.6 lbs	7.25" x 7.38" x 17.88" / 6.8 lbs
CERTIFICATIONS	CE, cULus	CE, cULus, ATEX
WARRANTY	2 Year	2 Year
UPC	089404116845	089404119914

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# 800 SERIES MECHANICAL METERS

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## 807CL1X418



## 807CNL1X418



CATALOG DESCRIPTION	1" BSPT Mechanical Meter (Liters)	1" BSPT Nickel-Plated Mechanical Meter (Liters)
TECHNOLOGY	Nutating Disc	Nutating Disc
FLOW RATE RANGE	19-76 LPM	20-75 LPM
OPERATING TEMPERATURE RANGE	-15 - 150°F / -26 - 66°C	-15 - 150°F / -26 - 66°C
ACCURACY	+/- 1%	+/- 1%
DISPLAY DIGITS	3	3
INLET THREAD / OUTLET THREAD	1" BSPT / 1" BSPT	1" BSPT 1" / 1"BSPT
COMPATIBLE FLUIDS		
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	7.25" x 7.38" x 10.5" / 5.5 lbs	7.25" x 7.38" x 10.5" / 5.1 lbs
CERTIFICATIONS	CE, cULus, ATEX	CE, cULus, ATEX
WARRANTY	2 Year	2 Year
UPC	089404118788	089404215401

# 900 SERIES MECHANICAL METERS

## 901C



## 901C1.5



## 901CN1.5



CATALOG DESCRIPTION	1" Mechanical Meter (Gallons)	1.5" Mechanical Meter (Gallons)	1.5" Mechanical Meter, Nickel-Plated (Gallons)
TECHNOLOGY	Nutating Disc	Nutating Disc	Nutating Disc
FLOW RATE RANGE	6-40 GPM	6-40 GPM	6-40 GPM
OPERATING TEMPERATURE RANGE	-15 - 150°F / -26 - 66°C	-15 - 150°F / -26 - 66°C	-15 - 150°F / -26 - 66°C
ACCURACY	+/- 2%	+/- 2%	+/- 2%
DISPLAY DIGITS	4	4	4
INLET THREAD / OUTLET THREAD	1" NPT / 1" NPT	1.5" NPT / 1.5" NPT	1.5" NPT / 1.5" NPT
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	7.25" x 7.38" x 10.5" / 8.1 lbs	7.25" x 7.38" x 10.5" / 8.1 lbs	7.25" x 7.38" x 10.5" / 8.5 lbs
CERTIFICATIONS	CE, cULus, ATEX	CE, cULus, ATEX	CE, cULus, ATEX
WARRANTY	2 Year	2 Year	2 Year
UPC	089404080016	089404080108	089404080122

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# 900 SERIES MECHANICAL METERS

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## 901CMK4200



## 901CMK300V



CATALOG DESCRIPTION	1" Mechanical Meter (Gallons) with FR4200 Mounting Kit	1" Mechanical Meter (Gallons) with FR300V Mounting Kit
TECHNOLOGY	Nutating Disc	Nutating Disc
FLOW RATE RANGE	6-40 GPM	6-40 GPM
OPERATING TEMPERATURE RANGE	-15 - 150°F / -26 - 66°C	-15 - 150°F / -26 - 66°C
ACCURACY	+/- 2%	+/- 2%
DISPLAY DIGITS	4	4
INLET THREAD / OUTLET THREAD	1" NPT / 1" NPT	1" NPT / 1" NPT
COMPATIBLE FLUIDS		
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	7.25" x 7.38" x 10.5" / 10.4 lbs	7.25" x 7.38" x 10.5" / 9.1 lbs
CERTIFICATIONS	CE, cULus, ATEX	CE, cULus, ATEX
WARRANTY	2 Year	2 Year
UPC	089404085158	089404209325

# 900 SERIES MECHANICAL METERS

## 901CL



## 901CL1.5



## 901CLN1.5



CATALOG DESCRIPTION	1" Mechanical Meter (Liters)	1.5" Mechanical Meter (Liters)	1.5" Nickel-Plated Mechanical Meter (Liters)
TECHNOLOGY	Nutating Disc	Nutating Disc	Nutating Disc
FLOW RATE RANGE	23-151 LPM	23-151 LPM	23-151 LPM
OPERATING TEMPERATURE RANGE	-15 - 150°F / -26 - 66°C	-15 - 150°F / -26 - 66°C	-15 - 150°F / -26 - 66°C
ACCURACY	+/- 2%	+/- 2%	+/- 2%
DISPLAY DIGITS	4	4	4
INLET THREAD / OUTLET THREAD	1" NPT / 1" NPT	1.5" NPT / 1.5" NPT	1.5" NPT / 1.5" NPT
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	7.25" x 7.38" x 10.5" / 8.1 lbs	7.25" x 7.38" x 10.5" / 8.3 lbs	7.25" x 7.38" x 10.5" / 8.5 lbs
CERTIFICATIONS	CE, cULus, ATEX	CE, cULus, ATEX	CE, cULus, ATEX
WARRANTY	2 Year	2 Year	2 Year
UPC	089404080429	089404079959	089404084076

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# 900 SERIES MECHANICAL METERS

## 901CLMK4200



## 901CLMK300V



CATALOG DESCRIPTION	1" Mechanical Meter (Liters) with FR4200 Mounting Kit	1" Mechanical Meter (Liters) with FR300V Mounting Kit
TECHNOLOGY	Nutating Disc	Nutating Disc
FLOW RATE RANGE	23-151 LPM	23-151 LPM
OPERATING TEMPERATURE RANGE	-15 - 150°F / -26 - 66°C	-15 - 150°F / -26 - 66°C
ACCURACY	+/- 2%	+/- 2%
DISPLAY DIGITS	4	4
INLET THREAD / OUTLET THREAD	1" NPT / 1" NPT	1" NPT / 1" NPT
COMPATIBLE FLUIDS		
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	7.25" x 7.38" x 10.5" / 10.1 lbs	7.25" x 7.38" x 10.5" / 11.6 lbs
CERTIFICATIONS	CE, cULus, ATEX	CE, cULus, ATEX
WARRANTY	2 Years	2 Years
UPC	089404087244	089404213469

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# 900 SERIES MECHANICAL METERS

## 901CLX418



## 901CL1.5X418



## 901CNL1.5X418



CATALOG DESCRIPTION	1" BSPT Mechanical Meter (Liters)	1.5" BSPT Mechanical Meter (Liters)	1.5" BSP Nickel-Plated Mechanical Meter (Liters)
TECHNOLOGY	Nutating Disc	Nutating Disc	Nutating Disc
FLOW RATE RANGE	23-151 LPM	23-151 LPM	23-151 LPM
OPERATING TEMPERATURE RANGE	-15 - 150°F / -26 - 66°C	-15 - 150°F / -26 - 66°C	-15 - 150°F / -26 - 66°C
ACCURACY	+/- 2%	+/- 2%	+/- 2%
DISPLAY DIGITS	4	4	4
INLET THREAD / OUTLET THREAD	1" BSPT / 1" BSPT	1.5" BSPT / 1.5" BSPT	1.5" BSPT / 1.5" BSPT
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	7.25" x 7.38" x 10.5" / 7.8 lbs	7.25" x 7.38" x 10.5" / 8.3 lbs	7.25" x 7.38" x 10.5" / 8 lbs
CERTIFICATIONS	CE, cULus, ATEX	CE, cULus, ATEX	CE, cULus, ATEX
WARRANTY	2 Year	2 Year	2 Year
UPC	089404184264	089404080092	089404215418

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# 900 SERIES MECHANICAL METERS

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## 901CIMP



## 901CIMP1.5



CATALOG DESCRIPTION	1" Mechanical Meter (Imperial Gallons)	1.5" Mechanical Meter (Imperial Gallons)
TECHNOLOGY	Nutating Disc	Nutating Disc
FLOW RATE RANGE	5-33 GPM (Imperial)	5-33 GPM (Imperial)
OPERATING TEMPERATURE RANGE	-15 - 150°F / -26 - 66°C	-15 - 150°F / -26 - 66°C
ACCURACY	+/- 2%	+/- 2%
DISPLAY DIGITS	4	4
INLET THREAD / OUTLET THREAD	1" NPT / 1" NPT	1.5" NPT / 1.5" NPT
COMPATIBLE FLUIDS		
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	7.25" x 7.38" x 10.5" / 8 lbs	7.25" x 7.38" x 10.5" / 7.5 lbs
CERTIFICATIONS	N/A	N/A
WARRANTY	2 Year	2 Year
UPC	089404083635	089404080139

# IN-LINE DIGITAL TURBINE METERS

## TT10AN



## TT10ANC



## TT10PN



CATALOG DESCRIPTION	1" In-Line Meter with Reducer Bushings	1" In-Line Meter, Nickel-Plated	1" In-Line Polypropylene Meter
TECHNOLOGY	Turbine	Turbine	Turbine
FLOW RATE RANGE	2 - 35 GPM / 8 - 132 LPM	2 - 35 GPM / 8 - 132 LPM	2 - 35 GPM / 8 - 132 LPM
OPERATING TEMPERATURE RANGE	-40 - 140°F / -40 - 60°C	-40 - 140°F / -40 - 60°C	-15 - 140°F / -26 - 60°C
ACCURACY	+/- 1%	+/-1%	+/- 1%
REPEATIBILITY	+/- 0.3%	+/- 0.3%	+/- 0.3%
DISPLAY DIGITS	4	4	4
INLET SIZE THREAD / OUTLET THREAD	¾" NPT / ¾" NPT (with Reducer Bushings) & 1" NPT / 1" NPT (without Reducer Bushings)	1" NPT / 1" NPT	1" NPT / 1" NPT
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	6.2" x 7.4" x 3" / 1.6 lbs	6.2" x 7.4" x 3" / 1.3 lbs	6.2" x 7.4" x 3" / 0.9 lbs
CERTIFICATIONS	CE, cULus, ATEX	CE, cULus, ATEX	CE, cULus, ATEX
WARRANTY	2 Year	2 Year	2 Year
UPC	089404226285	089404226308	089404226322

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# IN-LINE DIGITAL TURBINE METERS

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## TT10AB



## TT10ABC



## TT10PB



CATALOG DESCRIPTION	1" BSPP In-Line Meter	1" BSPP In-Line Meter, Nickel-Plated	1" BSPP In-Line Polypropylene Meter
TECHNOLOGY	Turbine	Turbine	Turbine
FLOW RATE RANGE	2 - 35 GPM / 8 - 132 LPM	2 - 35 GPM / 8 - 132 LPM	2 - 35 GPM / 8 - 132 LPM
OPERATING TEMPERATURE RANGE	-40 - 140°F / -40 - 60°C	-40 - 140°F / -40 - 60°C	-15 - 140°F / -26 - 60°C
ACCURACY	+/- 1%	+/- 1%	+/- 1%
REPEATIBILITY	+/- 0.3%	+/- 0.3%	+/- 0.3%
DISPLAY DIGITS	4	4	4
INLET SIZE THREAD / OUTLET THREAD	1" BSPP / 1" BSPP	1" BSPP / 1" BSPP	1" BSPP / 1" BSPP
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	6.2" x 7.4" x 3" / 1.4 lbs	6.2" x 7.4" x 3" / 1.3 lbs	6.2" x 7.4" x 3" / 0.8 lbs
CERTIFICATIONS	CE, ATEX, cULus	CE, ATEX, cULus	CE, cULus, ATEX
WARRANTY	2 Year	2 Year	2 Year
UPC	089404226292	089404226315	089404226339

## 820



## 825



## 850



<b>CATALOG DESCRIPTION</b>	1" Standard Meter, Fill-Rite	1" Standard Meter, Sotera	1" Air-Sensing Meter, Sotera
<b>TECHNOLOGY</b>	Nutating Disc	Nutating Disc	Nutating Disc
<b>FLOW RATE RANGE</b>	2 - 20 GPM / 8 - 75 LPM	2 - 20 GPM / 8 - 75 LPM	2 - 20 GPM / 8 - 75 LPM
<b>OPERATING TEMPERATURE RANGE</b>	0 - 130°F / -18 - 54°C	0 - 130°F / -18 - 54°C	0 - 130°F / -18 - 54°C
<b>ACCURACY</b>	+/- 0.5%	+/- 0.5%	+/- 0.5%
<b>REPEATABILITY</b>	+/- 0.25%	+/- 0.25%	+/- 0.25%
<b>DISPLAY DIGITS</b>	4	4	4
<b>INLET SIZE THREAD / OUTLET THREAD</b>	1" NPT / 1" NPT	1" NPT / 1" NPT	1" NPT / 1" NPT
<b>COMPATIBLE FLUIDS</b>			
<b>PACKAGE DIMENSIONS (WxHxD) / WEIGHT</b>	10.5" x 7.5" x 7.3" / 1.9 lbs	10.5" x 7.5" x 7.3" / 1.9 lbs	10.5" x 7.5" x 7.3" / 1.9 lbs
<b>CERTIFICATIONS</b>	CE	CE	CE
<b>WARRANTY</b>	2 Year	2 Year	2 Year
<b>UPC</b>	089404015360	089404015698	089404180778

- DC PUMPS
- AC PUMPS
- NEXTEC
- FMS
- HAND PUMPS
- METERS**
- OVAL GEAR METERS
- CABINET DISPENSERS
- BULK TRANSFER
- ACCESSORIES
- DEF
- KITS

# 800 DIGITAL METERS

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## 825X700



## 825D075BSPPS



CATALOG DESCRIPTION	1" Meter with EPDM Seals, Sotera	3/4" BSPP Meter with Fluorocarbon Seals, Sotera
TECHNOLOGY	Nutating Disc	Nutating Disc
FLOW RATE RANGE	2 - 20 GPM / 8 - 75 LPM	2 - 20 GPM / 8 - 75 LPM
OPERATING TEMPERATURE RANGE	0 - 130°F / -18 - 54°C	0 - 130°F / -18 - 54°C
ACCURACY	+/- 0.5%	+/- 0.5%
REPEATIBILITY	+/- 0.25%	+/- 0.25%
DISPLAY DIGITS	4	4
INLET SIZE THREAD / OUTLET THREAD	1" NPT / 1" NPT	0.75" BSPP / 0.75" BSPP
COMPATIBLE FLUIDS		
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	10.5" x 7.5" x 7.3" / 1.53 lbs	10.5" x 7.5" x 7.3" / 1.9 lbs
CERTIFICATIONS	CE	CE
WARRANTY	2 Year	2 Year
UPC	089404191217	089404215616

## 900CD



## 900CD1.5

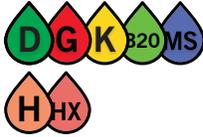
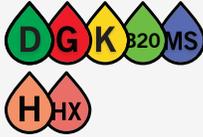
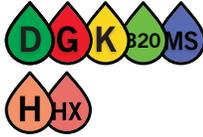


## 900CDBSPT



## 900CD1.5BSPT



	900CD	900CD1.5	900CDBSPT	900CD1.5BSPT
<b>CATALOG DESCRIPTION</b>	1" Standard Digital Meter	1.5" Standard Digital Meter	1" BSPT Digital Meter	1.5" BSPT Digital Meter
<b>TECHNOLOGY</b>	Nutating Disc	Nutating Disc	Nutating Disc	Nutating Disc
<b>FLOWRATE RANGE</b>	6 - 40 GPM / 23 - 151 LPM	6 - 40 GPM / 23 - 151 LPM	6 - 40 GPM / 23 - 151 LPM	6 - 40 GPM / 23 - 151 LPM
<b>OPERATING TEMPERATURE RANGE</b>	-40 - 140°F / -40 - 60°C	-40 - 140°F / -40 - 60°C	-40 - 140°F / -40 - 60°C	-40 - 140°F / -40 - 60°C
<b>ACCURACY</b>	+/- 1.25%	+/- 1.25%	+/- 1.25%	+/- 1.25%
<b>REPEATIBILITY</b>	+/- 0.25%	+/- 0.25%	+/- 0.25%	+/- 0.25%
<b>DISPLAY DIGITS</b>	4	4	4	4
<b>INLET THREAD / OUTLET THREAD</b>	1" NPT / 1" NPT	1.5" NPT / 1.5" NPT	1" BSPT / 1" BSPT	1.5" BSPT / 1.5" BSPT
<b>COMPATIBLE FLUIDS</b>				
<b>PACKAGE DIMENSIONS (WxHxD) / WEIGHT</b>	10" x 5.13" x 11.88" / 8.4 lbs	10" x 5.13" x 11.88" / 8.8 lbs	10" x 5.13" x 11.88" / 8.6 lbs	10" x 5.13" x 11.88" / 8.8 lbs
<b>CERTIFICATIONS</b>	ATEX, cULus, CE	ATEX, cULus, CE	ATEX, cULus, CE	ATEX, cULus, CE
<b>WARRANTY</b>	2 Year	2 Year	2 Year	2 Year
<b>UPC</b>	089404223710	089404223734	089404223727	089404223741

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# 900 DIGITAL PULSER METERS

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## 900CDP



## 900CDP1.5



## 900CDPX



CATALOG DESCRIPTION	1" Digital Meter with Pulse Output, Intrinsic Safety Barrier	1.5" Digital Meter with Pulse Output, Intrinsic Safety Barrier	1" Digital Meter with Pulse Output, No Intrinsic Safety Barrier
TECHNOLOGY	Nutating Disc	Nutating Disc	Nutating Disc
FLOW RATE RANGE	6 - 40 GPM / 23 - 151 LPM	6 - 40 GPM / 23 - 151 LPM	6 - 40 GPM / 23 - 151 LPM
OPERATING TEMPERATURE RANGE	-40 - 140°F / -40 - 60°C	-40 - 140°F / -40 - 60°C	-40 - 140°F / -40 - 60°C
ACCURACY	+/- 1.25%	+/- 1.25%	+/- 1.25%
REPEATIBILITY	+/- 0.25%	+/- 0.25%	+/- 0.25%
DISPLAY DIGITS	4	4	4
PULSE RATE	10/100 PPG   10/125 PPL	10/100 PPG   10/125 PPL	10/100 PPG   10/125 PPL
INLET THREAD / OUTLET THREAD	1" NPT / 1" NPT	1.5" NPT / 1.5" NPT	1" NPT / 1" NPT
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	7.5" x 10" x 11.88" / 9.6 lbs	7.5" x 10" x 11.88" / 22.2 lbs	7.5" x 10" x 11.88" / 8.8 lbs
CERTIFICATIONS	ATEX, cULus, CE	ATEX, cULus, CE	ATEX, cULus, CE
WARRANTY	2 Year	2 Year	2 Year
UPC	089404215586	089404215593	089404223789

## 900CDPX1.5



## 900CDPBSPT



## 900CDP1.5BSPT



CATALOG DESCRIPTION	1.5" Digital Meter with Pulse Output, No Intrinsic Safety Barrier	1" BSPT Digital Meter with Pulse Output, Intrinsic Safety Barrier	1.5" BSPT Digital Meter with Pulse Output, Intrinsic Safety Barrier
TECHNOLOGY	Nutating Disc	Nutating Disc	Nutating Disc
FLOW RATE RANGE	6 - 40 GPM / 23-151 LPM	6 - 40 GPM / 23-151 LPM	6 - 40 GPM / 23-151 LPM
OPERATING TEMPERATURE RANGE	-40 - 140°F / -40 - 60°C	-40 - 140°F / -40 - 60°C	-40 - 140°F / -40 - 60°C
ACCURACY	+/- 1.25%	+/-1.25%	+/- 1.25%
REPEATIBILITY	+/- 0.25%	+/- 0.25%	+/- 0.25%
DISPLAY DIGITS	4	4	4
PULSE RATE	10/100 PPG   10/125 PPL	10/100 PPG   10/125 PPL	10/100 PPG   10/125 PPL
INLET THREAD / OUTLET THREAD	1.5" NPT / 1.5" NPT	1" BSPT / 1" BSPT	1.5" BSPT / 1.5" BSPT
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	7.5" x 10" x 11.88" / 8.8 lbs	7.5" x 10" x 11.88" / 9.5 lbs	7.5" x 10" x 11.88" / 9.8 lbs
CERTIFICATIONS	cULus, ATEX, CE	ATEX, cULus, CE	ATEX, cULus, CE
WARRANTY	2 Year	2 Year	2 Year
UPC	089404223826	089404223857	089404223864

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# 900 DIGITAL PULSER METERS

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## 900CDPXBSPT



## 900CDPX1.5BSPT



CATALOG DESCRIPTION	1" BSPT Digital Meter with Pulse Output, No Intrinsic Safety Barrier	1.5" BSPT Digital Meter with Pulse Output, No Intrinsic Safety Barrier
TECHNOLOGY	Nutating Disc	Nutating Disc
FLOW RATE RANGE	6 - 40 GPM / 23 - 151 LPM	6 - 40 GPM / 23 - 151 LPM
OPERATING TEMPERATURE RANGE	-40 - 140°F / -40 - 60°C	-40 - 140°F / -40 - 60°C
ACCURACY	+/- 1.25%	+/- 1.25%
REPEATIBILITY	+/- 0.25%	+/- 0.25%
DISPLAY DIGITS	4	4
PULS ERATE	10/100 PPG   10/125 PPL	10/100 PPG   10/125 PPL
INLET THREAD / OUTLET THREAD	1" BSPT / 1" BSPT	1.5" BSPT / 1.5" BSPT
COMPATIBLE FLUIDS		
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	7.5" x 10" x 11.88" / 8.8 lbs	7.5" x 10" x 11.88" / 8.8 lbs
CERTIFICATIONS	CE, cULus, ATEX	cULus, ATEX, CE
WARRANTY	2 Year	2 Year
UPC	089404223833	089404223840

**TN620Q**



**TN740AN1CAA1TAI**



**TN760AN1CAB1GAF**



<b>CATALOG DESCRIPTION</b>	1" NPT, Gallons, Nickel-Plated, Airline Lavatory Service	1" NPT, 10 GPM, 125+ cSt, 1000 PSI, High Viscosity Lubricating Oils	1.5" NPT, 15 GPM, 125+ cSt, 400 PSI, High Viscosity Lubricating Oils
<b>TECHNOLOGY</b>	Nutating Disc	Nutating Disc	Nutating Disc
<b>FLOW RATE RANGE</b>	6 - 40 GPM	0.5 - 10 GPM	0.8 - 15 GPM
<b>OPERATING TEMPERATURE RANGE</b>	-15 - 150°F / -26 - 66°C	-15 - 180°F / -26 - 82°C	-15 - 180°F / -26 - 82°C
<b>ACCURACY</b>	+/- 1%	+/- 1%	+/- 1%
<b>REPEATIBILITY</b>	+/- 0.38%	+/- 0.25%	+/- 0.25%
<b>DISPLAY DIGITS</b>	3	4	4
<b>INLET THREAD / OUTLET THREAD</b>	1" NPT / 1" NPT	1" NPT / 1" NPT	1.5" NPT / 1.5" NPT
<b>COMPATIBLE FLUIDS</b>			
<b>PACKAGE DIMENSIONS (WxHxD) / WEIGHT</b>	10.5" x 7.38" x 7.25" / 4.9 lbs	7.94" x 10.75" x 7.31" / 9 lbs	7.94" x 10.75" x 7.31" / 8.6 lbs
<b>CERTIFICATIONS</b>	N/A	N/A	N/A
<b>WARRANTY</b>	2 Year	2 Year	2 Year
<b>UPC</b>	089404197134	089404100974	089404100943

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

TN860AN1CAB1GAC



TN860AN1CAB1GAC-RL



TN860AN1CAB2GAC



CATALOG DESCRIPTION	1.5" NPT, 60 GPM, 3-22 cSt, 150 PSI, Fuels	1.5" NPT, 60 GPM, 3-22 cSt, 150 PSI, Fuels, Right to Left Flow	1.5" NPT, 60 GPM, 1-2 cSt, 150 PSI, Non-Potable Water
TECHNOLOGY	Nutating Disc	Nutating Disc	Nutating Disc
FLOW RATE RANGE	6.0 - 60 GPM	6.0 - 60 GPM	6.0 - 60 GPM
OPERATING TEMPERATURE RANGE	-15 - 180°F / -26 - 82°C	-15 - 180°F / -26 - 82°C	-15 - 180°F / -26 - 82°C
ACCURACY	+/- 2%	+/- 2%	+/- 2%
REPEATIBILITY	+/- 0.25%	+/- 0.25%	+/- 0.25%
DISPLAY DIGITS	4	4	4
INLET THREAD / OUTLET THREAD	1.5" NPT / 1.5" NPT	1.5" NPT / 1.5" NPT	1.5" NPT / 1.5" NPT
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	7.94" x 10.75" x 7.31" / 8.8 lbs	7.94" x 10.75" x 7.31" / 8.7 lbs	7.94" x 10.75" x 7.31" / 8.9 lbs
CERTIFICATIONS	CE	CE	CE
WARRANTY	2 Year	2 Year	2 Year
UPC	089404100783	089404224236	089404217269

**TN860AN1CAB1GBC**



**TN860AN1CAB2GBC**



**TN620ALQ**



<b>CATALOG DESCRIPTION</b>	1.5" NPT, 60 GPM, 1-2 cSt, 150 PSI, Airline Lavatory Service, Solvents	1.5" NPT, 60 GPM, 1-2 cSt, 150 PSI, Airline Lavatory Service, Solvents	1" NPT, Litres, Nickel-Plated, Airline Lavatory Service, Solvents
<b>TECHNOLOGY</b>	Nutating Disc	Nutating Disc	Nutating Disc
<b>FLOW RATE RANGE</b>	6 - 60 GPM	6.0 - 60 GPM	19 - 76 LPM
<b>OPERATING TEMPERATURE RANGE</b>	-15 - 180°F / -26 - 82°C	-15 - 180°F / -26 - 82°C	-15 - 150°F / -26 - 66°C
<b>ACCURACY</b>	+/- 2%	+/- 2%	+/- 1%
<b>REPEATIBILITY</b>	+/- 0.25 %	+/- 0.25%	+/- 0.38%
<b>DISPLAY DIGITS</b>	4	4	3
<b>INLET THREAD / OUTLET THREAD</b>	1.5" NPT / 1.5" NPT	1.5" NPT / 1.5" NPT	1" NPT / 1" NPT
<b>COMPATIBLE FLUIDS</b>			
<b>PACKAGE DIMENSIONS (WxHxD) / WEIGHT</b>	7.94" x 10.75" x 7.31" / 8 lbs	7.94" x 10.75" x 7.31" / 8.8 lbs	10.5" x 7.38" x 7.25" / 4.9 lbs
<b>CERTIFICATIONS</b>	CE	CE	N/A
<b>WARRANTY</b>	2 Year	2 Year	2 Year
<b>UPC</b>	89404100776	089404217290	089404197141

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

**TN740AN1CAA1LAI**

**TN620BLQ**

**TN740AN1CBA1LAI**


<b>CATALOG DESCRIPTION</b>	1" NPT, 38 LPM, 125+ cSt, 69 Bar, High Viscosity Lubricating Oils	1" BSPT, Liters, Nickel-Plated, Airline Lavatory Service, Solvents	1" BSPP, 38 LPM, 125+ cSt, 69 Bar, High Viscosity Lubricating Oil
<b>TECHNOLOGY</b>	Nutating Disc	Nutating Disc	Nutating Disc
<b>FLOW RATE RANGE</b>	2 - 38 LPM	19 - 76 LPM	2 - 38 LPM
<b>OPERATING TEMPERATURE RANGE</b>	-15 - 180°F / -26 - 82°C	-15 - 150°F / -26 - 66°C	-15 - 180°F / -26 - 82°C
<b>ACCURACY</b>	+/- 1%	+/-1%	+/-1%
<b>REPEATIBILITY</b>	+/- 0.25%	+/- 0.38%	+/- 0.25%
<b>DISPLAY DIGITS</b>	4	3	4
<b>INLET THREAD / OUTLET THREAD</b>	1" NPT / 1" NPT	1" BSPT / 1" BSPT	1" BSPP / 1" BSPP
<b>COMPATIBLE FLUIDS</b>			
<b>PACKAGE DIMENSIONS (WxHxD) / WEIGHT</b>	7.94" x 10.75" x 7.31" / 9 lbs	10.5" x 7.38" x 7.25" / 5 lbs	7.94" x 10.75" x 7.31" / 9.2 lbs
<b>CERTIFICATIONS</b>	CE	N/A	CE
<b>WARRANTY</b>	2 Year	2 Year	2 Year
<b>UPC</b>	089404100981	089404197158	089404100967

**TN760AN1CAB1LAF**



**TN760AN1CBB1LAF**



**TN860AN1CAB1LAC**



<b>CATALOG DESCRIPTION</b>	1.5" NPT, 57 LPM, 125+ cSt, 28 Bar, High Viscosity Lubricating Oils	1.5" BSPP, 57 LPM, 125+ cSt, 28 Bar, High Viscosity Lubricating Oils	1.5" NPT, 209 LPM, 3-22 cSt, 10 Bar, Fuels
<b>TECHNOLOGY</b>	Nutating Disc	Nutating Disc	Nutating Disc
<b>FLOW RATE RANGE</b>	4 - 57 LPM	4 - 57 LPM	22 - 209 LPM
<b>OPERATING TEMPERATURE RANGE</b>	-15 - 180°F / -26 - 82°C	-15 - 180°F / -26 - 82°C	-15 - 180°F / -26 - 82°C
<b>ACCURACY</b>	+/- 1 %	+/- 1%	+/- 2%
<b>REPEATIBILITY</b>	+/- 0.25%	0.25	+/- 0.25%
<b>DISPLAY DIGITS</b>	4	4	4
<b>INLET THREAD / OUTLET THREAD</b>	1.5" NPT / 1.5" NPT	1.5" BSPP / 1.5" BSPP	1.5" NPT / 1.5" NPT
<b>COMPATIBLE FLUIDS</b>			
<b>PACKAGE DIMENSIONS (WxHxD) / WEIGHT</b>	7.94" x 10.75" x 7.31" / 8.6 lbs	7.94" x 10.75" x 7.31" / 8 lbs	7.94" x 10.75" x 7.31" / 8.8 lbs
<b>CERTIFICATIONS</b>	CE	CE	CE
<b>WARRANTY</b>	2 Year	2 Year	2 Year
<b>UPC</b>	089404101360	089404100936	089404100752

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

**TN860AN1CAB2LAC**

**TN860AN1CAB2LBC**

**TN860AN1CBB1LAC**


<b>CATALOG DESCRIPTION</b>	1.5" NPT, 228 LPM, 1-2 cSt, 10 Bar, Non-Potable Water	1.5" NPT, 228 LPM, 1-2 cSt, 10 Bar, Airline Lavatory Service, Solvents	1.5" BSPP, 228 LPM, 3-22 cSt, 10 Bar, Fuels
<b>TECHNOLOGY</b>	Nutating Disc	Nutating Disc	Nutating Disc
<b>FLOW RATE RANGE</b>	22 - 228 LPM	22 - 228 LPM	22 - 228 LPM
<b>OPERATING TEMPERATURE RANGE</b>	-15 - 180°F / -26 - 82°C	-15 - 180°F / -26 - 82°C	-15 - 180°F / -26 - 82°C
<b>ACCURACY</b>	+/- 2%	+/- 2%	+/- 2%
<b>REPEATIBILITY</b>	+/- 0.25%	+/- 0.25%	+/- 0.25%
<b>DISPLAY DIGITS</b>	4	4	4
<b>INLET THREAD / OUTLET THREAD</b>	1.5" NPT / 1.5" NPT	1.5" NPT / 1.5" NPT	1.5" BSPP / 1.5" BSPP
<b>COMPATIBLE FLUIDS</b>			
<b>PACKAGE DIMENSIONS (WxHxD) / WEIGHT</b>	8.13" x 10.75" x 7.38" / 8.8 lbs	8.13" x 10.75" x 7.38" / 9.4 lbs	8.13" x 10.75" x 7.38" / 8.8 lbs
<b>CERTIFICATIONS</b>	CE, cULus	CE, cULus	CE, cULus
<b>WARRANTY</b>	2 Year	2 Year	2 Year
<b>UPC</b>	089404217276	089404217306	089404100738

**TN860AN1CBB2LBC**



**TN860AN1CBB2LAC**



<b>CATALOG DESCRIPTION</b>	1.5" BSPP, 228 LPM, 1-2 cSt, 10 Bar, Airline Lavatory Service, Solvents	1.5" BSPP, 228 LPM, 1-2 cSt, 10 Bar, Non-Potable Water
<b>TECHNOLOGY</b>	Nutating Disc	Nutating Disc
<b>FLOW RATE RANGE</b>	22 - 228 LPM	22 - 228 LPM
<b>OPERATING TEMPERATURE RANGE</b>	-15 - 180°F / -26 - 82°C	-15 - 180°F / -26 - 82°C
<b>ACCURACY</b>	+/- 2%	+/- 2%
<b>REPEATIBILITY</b>	+/- 0.25%	+/- 0.25%
<b>DISPLAY DIGITS</b>	4	4
<b>INLET THREAD / OUTLET THREAD</b>	1.5" BSPP / 1.5" BSPP	1.5" BSPP / 1.5" BSPP
<b>COMPATIBLE FLUIDS</b>		
<b>PACKAGE DIMENSIONS (WxHxD) / WEIGHT</b>	7.94" x 10.75" x 7.31" / 8.8 lbs	7.94" x 10.75" x 7.31" / 8.8 lbs
<b>CERTIFICATIONS</b>	CE	CE
<b>WARRANTY</b>	2 Year	2 Year
<b>UPC</b>	089404217313	089404217283

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

**METERS**

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# OVAL GEAR METERS

Fill-Rite Oval Gear Meters utilize positive displacement (PD) technology due to its elite performance across a wide range of fluid viscosities. Positive displacement technology affords low pressure loss across the meter chamber and minimum slippage, ultimately yielding a very high degree of accuracy and linearity over the life of the meter.

## HIGH ACCURACY

Oval gear flow meters are known for their high accuracy and repeatability. Oval gears rotate in a fixed position, ultimately creating a very precise and consistent fluid flow. This technology holds tight tolerances, so it can be used for Weights and Measures commercial applications and even for accurate measurement of small flows.

## WIDE APPLICATION RANGE

The versatility of oval gear technology makes it suitable for measuring a wide range of viscosities. Our meters are compatible with fluids used in the chemical and petroleum industries.

## FEWER PARTS, LESS MAINTENANCE

Oval gear flow meters have fewer moving parts than other technologies, leading to less maintenance throughout the life of the system. They are also less prone to clogging or other damage caused by particles in fluids. Should maintenance ever be needed, our simple and straightforward meter design allows for minimal downtime.

## INSTALLATION FLEXIBILITY

Our oval gear meters install quickly and easily and can be installed in both horizontal and vertical pipe applications. Additionally, they can be manufactured with NPT, BSP, or ANSI pipe flanges.





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## 96 CUSTODY TRANSFER METERS



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## 99 NON-CUSTODY TRANSFER METERS



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## 100 MODEL NUMBER SPECS

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## 102 OVAL GEAR METER OVERVIEW

## CUSTODY TRANSFER OVAL GEAR METERS

### TS06 Meters - DEF / AdBlue Solution

- Compact design, only 3.5" x 4" x 5.6" & lighter than 10 pounds
- Easily serviced in place
- "Zero point" calibration in place
- Accurately measures DEF
- Positive displacement oval gear technology
- All wetted materials are approved per ISO 22241-3
- "Wave Form" gear technology
- Three-piece case construction



## TS06C

#### APPROVALS

##### Flow Meter:

- CE mark
- NTEP 99-210A12, 2-20 GPM
- Measurement Canada AV-2360

##### Pulser:

- Intrinsically safe (UL, cUL, & ATEX)

##### Pulse Resolution:

- 1,024 ppg (270.5 PPL)
- 1,000 ppg (246.5 PPL)
- 400 ppg (105.7 PPL)
- SCL Change ±3%

SPECIFICATIONS					
MODEL	NOMINAL CAPACITY		PRESSURE RATING	TEMPERATURE RATING	CONNECTIONS
TS06CEDM	2-20 GPM	7.5-75 LPM	50 PSI at 100°F 3.5 BAR at 40°C 345 kPa at 40°C	-40°F to +122°F -40°C to +50°C	¾" Ports FNPT or BSPP - companion flanges
	450-4,500 LPH				

MATERIALS			
CASE	GEARS	POSTS	SEALS
316SS	316SS with DEF approved engineered polymer bearings	HC316SS	PTFE

#### METER PERFORMANCE

**Reliability & Linearity:** NTEP & Measurement Canada dispenser meter standards

#### PULSER

Hall effect pulser with two outputs for quadrature (if needed) 5-24 VDC

### Aluminum LPG Meters

For LPG service, whether Propane or Propane/Butane mixtures, our lightweight, high pressure TS Series is the perfect choice. With no metal-to-metal contact in the measuring chamber, Fill-Rite Oval Gear Meters provide long reliable service with a minimum of maintenance. NTEP approved for LPG service. Dual hose meters available.



## TS10A

SPECIFICATIONS					
MODEL	FLOW	PRESSURE RATING	PULSE RESOLUTION (PPG)	REPEATABILITY	LINEARITY
TS06A	3-18 GPM (11-68 LPM)	350 PSI at 100°F (24 bar at 40°C)	380 PPG (100 PPL)	±0.24%	±0.6%
TS10A	4-40 GPM (15-150 LPM)	350 PSI at 100°F (24 bar at 40°C)	100 PPG (26 PPL)	±0.24%	±0.6%

MATERIALS			
CASE	GEARS	POSTS	SEALS
Hardcoat anodized aluminum	PPS (polyphenylene sulfide resin) with carbon bearings <i>TS06A only - 316SS with carbon bearings</i>	300 Series SS Hard Chrome Coated	UL Approved Buna N

#### APPROVALS

- NTEP (US Weights & Measures)
- UL Listed
- CE Mark
- TS06A - MID Approved

#### STANDARD CONFIGURATOR

Includes Strainer, Vapor Eliminator, Control Valve, & Relief Valve

#### ACCESSORIES

- EMR<sup>4</sup> Electronic Register
- MID:COM Electronic Register

## TS Meters

Our TS Series meters are the standard in Rotary Positive Displacement meter category. The accuracy and repeatability makes them ideal for any environment. Mounted to a truck for bulk delivery; High Speed batching and unloading; Chemical and fertilizer transfer or delivery; the TS meters are compact, lightweight, and easy to maintain. The unique oval gear design allows for compact mounting with minimal piping. The modular design allows flexibility in assembly for either mechanical registration or glandless pulse output to a variety of electronic counters, controllers, or signal conditioners.

All TS Meters sizes are NTEP certified for Custody Transfer (formerly known as NIST Certification). Most TS models from 1", 1-½", 2", and 3" are certified in Canada, as well as MID approved. Please consult [fillrite.com](http://fillrite.com) for specific certificate approved models or contact our Customer Support team.

- Only two moving parts
- No metal-to-metal contact in chamber or bearings
- Electronic glandless meter
- “Wave form” oval gear design
- Low differential pressure for maximum flow



**TS30CM64**



**TS30AV13**

### SPECIFICATIONS

MODEL	CAPACITY ON 1cSt AT 10:1 TURNDOWN		PORT CONNECTIONS	LINEARITY OVER 5:1 TURNDOWN FROM MAX CAPACITY	LINEARITY OVER 10:1 TURNDOWN FROM MAX CAPACITY	LINEARITY OVER 30:1 TURNDOWN FROM MAX CAPACITY
TS10 <sup>‡</sup>	4-40 GPM	15-150 LPM	1" 150# RF bolted, FNPT, or BSPP	±0.175%	±0.30%	±0.5%
	9 m <sup>3</sup> /h					
TS15 <sup>‡</sup>	6-60 GPM	22- 230 LPM	1.5" 150# RF bolted, FNPT, or BSPP	±0.175%	±0.30%	±0.5%
	14 m <sup>3</sup> /h					
TS20	15-150 GPM	56-570 LPM	2" 150# RF bolted, FNPT, or BSPP	±0.175%	±0.30%	±0.5%
	34 m <sup>3</sup> /h					
TS30	40-300 GPM*	151-1,135 LPM	AL: 3" 150# RF bolted, FNPT, or BSPP SS: 3" 150# ANSI only	±0.175%	±0.30%	±0.5%
	45 m <sup>3</sup> /h					

\*300 GPM for NTEP Models | 200 GPM for M & C Models

#### PRESSURE RATING

At 100°F (38°C), **Electronic:** 400 psi/28 bar except TS30C-275 psi/19 bar | **Mechanical:** 150 psi/10 bar

#### TEMPERATURE RATING

Design -40°F/+275°F = -40°C to +125°C

#### REPEATABILITY

0.2%

#### PULSER

TBB 5-24; 24VDC | SCL 5-24 V  
SCL Change ±3%

### MATERIALS

CASE	GEARS	POSTS	SEALS
316 Stainless Steel	PPS (polyphenylene sulfide resin) with carbon bearings (Std), PTFE optional	300 Series SS Hard Chrome Coated	PTFE Standard
Anodized Aluminum	PPS (polyphenylene sulfide resin) with carbon bearings (Std), PTFE optional	300 Series SS Hard Chrome Coated	Fluorocarbon (Std), PTFE

### NOMINAL PULSE RESOLUTION (±3% NOMINAL)

STANDARD MODELS	1cP VISCOSITY STAINLESS STEEL	1cP VISCOSITY ALUMINUM
TS10	2,178 ppg (574.8 ppl)	1,728 ppg (456.5 ppl)
TS15	1,152 ppg (304.3 ppl)	1,013 ppg (267.6 ppl)
TS20	395 ppg (104.3 ppl)	395 ppg (104.3 ppl)
TS30	275 ppg (72.6 ppl)	275 ppg (72.6 ppl)

## Oval Gear Meter Technology

Materials of construction are important for chemical compatibility and durability (Anodized Aluminum, Stainless Steel, PPS, Carbon, Teflon, Viton, etc.).



FLUID GROUP	BODY MATERIAL	ROTORS		BEARINGS	SEALS	FLUID EXAMPLES
<b>STANDARD FUELS</b>	AA or SS	LV	PPS	Carbon	Viton™	Aviation Fuel, Bio-Diesel, Glycols, Kerosene, & Non-Potable Water
<b>E85</b>	AA or SS	LV	PPS	Carbon	Teflon	E85, Ethanol, Methanol, & Solvents <i>(Not for use on halogenated solvents)</i>
<b>ATF &amp; HIGH TEMP</b>	AA or SS	HV	PPS	Carbon	Viton™	Automatic Transmission Fluid, Hydraulic Oils, Automotive Lube Oil, & Gear Oil <i>(With viscosity greater than 300cSt. Heated Oils 120-180°F)</i>
<b>LPG</b>	AA or SS	LV	PPS	Carbon	UL Listed Buna N & Viton™	Liquefied Petroleum Gas
<b>DEF</b>	SS	LV	SS	Proprietary	Viton™	Diesel Exhaust Fluid (TS06C Models)
			PPS	Teflon	Viton™	Diesel Exhaust Fluid (TS10C-TS30C Models)
<b>HERBICIDES / PESTICIDES</b>	AA or SS	HV	PPS	Teflon	Teflon	Herbicides & Pesticides
<b>FERTILIZERS</b>	AA or SS	LV	PPS	Teflon	Viton™	Fertilizers
<b>CAUSTICS</b>	SS	LV	PPS	Carbon	Teflon	Caustics (1-49% concentration)
			PSS	Teflon	Teflon	Caustics (50%+ concentration)

### TYPICAL OVAL GEAR METER SPEEDS AND FREQUENCIES

METER SIZE	ROTATIONS/GALLON	LOW FLOW (GPM)	HIGH FLOW (GPM)	PULSES/ROTATION (MINIMUM)	PULSES/ROTATION (MAXIMUM)	ECCENTRICITY FACTOR	LOW FREQ (Hz)	HIGH FREQ (Hz)	UNSCALED ELECTRONIC PULSES/GALLON
3"	4.31	20.00	250.00	64	64	1.06	86.7	1,218.3	276
2"	6.17	15.00	150.00	64	64	1.06	93.1	1,046.4	395
1-½" A	15.866	6.00	60.00	64	64	1.06	95.8	1,076.3	1,015
1-½" S	18	6.00	60.00	64	64	1.06	108.7	1,221.1	1,152
1" A	27.671	4.00	40.00	64	64	1.06	111.4	1,251.5	1,771
1" S	34	4.00	40.00	64	64	1.06	136.9	1,537.7	2,176
¾"	100	0.35	20.00	4	4	1	2.3	133.3	N/A
½"	190	0.25	10.00	1	4	1	0.8	126.7	N/A
⅜"	700	0.30	3.00	1	4	1	3.5	140.0	N/A
¼"	3,850	0.03	0.30	1	4	1	1.9	77.0	N/A

A = Aluminum | S = Stainless

# NON-CUSTODY TRANSFER OVAL GEAR METERS

## TM Mini Meters

The TM Series of meters are meters up to ¾" with capacities to 20 GPM (76 LPM) where medium to high operating pressures are common. This makes them ideal for use in Additive Injection Service, industrial process, batching, fuel consumption systems, and monitoring flow lubricants to critical bearings in large rotating equipment. Our TM Series provide compact, accurate, and high performance with minimal piping requirements. With only 2 moving parts, this meter provides performance with ease of maintenance.

- Only two moving parts
- No metal-to-metal contact in chamber or bearings
- Electronic glandless meter
- Low differential pressure for maximum flow
- Two output pulse types available:
  - Hall Effect 5-24 VDC
  - Reed Switch

## TM04A & TM04D



### SPECIFICATIONS

MODEL	CAPACITY ON 1cSt AT 10:1 TURNDOWN		PORT CONNECTIONS	LINEARITY OVER 10:1 TURN-DOWN FROM NOMINAL CAPACITY	REPEATABILITY
TM02	0.03-0.3 GPM	0.11-1.14 LPM	¼" FNPT or BSPP	±2-3%	±0.25%
	1.8-18 GPH	6.6-68.4 LPH			
TM03	0.3-3 GPM	1.14-11.36 LPM	⅜" FNPT or BSPP	±1%	±0.25%
	18-180 GPH	68.4-681.6 LPH			
TM04	0.25-10 GPM	0.95-37.85 LPM	½" FNPT or BSPP	±0.5%	±0.175%
	15-600 GPH	57-2,271 LPH			
TM06	0.35-20 GPM	1.32-75.71 LPM	¾" FNPT or BSPP	±0.5%	±0.175%
	21-1,200 GPH	79.2-4,542.6 LPH			

#### PRESSURE RATING

At 100°F (38°C) with 3:1 safety factor: 1,500 psi (103 BAR)

#### TEMPERATURE RATING

Design -40°F/+300°F (-40°C to +150°C)

### MATERIALS

CASE	GEARS	POSTS	SEALS
316 Stainless Steel	PPS (polyphenylene sulfide resin)   <i>TM02 only 316SS</i>	316SS Hard Chrome Coated	PTFE
Anodized Aluminum	PPS (polyphenylene sulfide resin)	316SS Hard Chrome Coated	PTFE

#### ACCESSORIES

Fill-Rite TM flow meters will support most electronic registers and controllers that accept a current sinking (NPN) input when using the hall-effect sensor or a dry-contact input when using a reed switch sensor.

DC PUMPS  
AC PUMPS  
NEXTEC  
FMS  
HAND PUMPS  
METERS  
OVAL GEAR METERS  
CABINET DISPENSERS  
BULK TRANSFER  
ACCESSORIES  
DEF  
KITS

# MODEL NUMBER SPECIFICATIONS

## Mechanical TS - Oval Gear, 1" and Up

### EXAMPLE MODEL

T S | 1 5 | A V O 4 | A T | C B | M X | A X X | N

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14

	SIZE	NOMINAL CAPACITY	GPM	GPH	LPM	M <sup>3</sup> /H
10	1"	25 mm	40	2,400	150	9
15	1-½"	40 mm	60	3,600	230	14
20	2"	50 mm	150	9,000	570	35
30	3"	80 mm	300*	12,000	1,135	46

\*M & C Models only to 200 GPM

POSITION	DESCRIPTION	OPTIONS	VALUES
1	TS		
2	15		
3	A	MATERIAL	A Anodized Aluminum C 316 Stainless Steel
4	Assembly Number		V03* V04 V05* V06 V07* V09* V11* V13 V17*
5	Flange		A NPT B BSP C 150# ANSI Adapters
6	Register Calibration	MECHANICAL REGISTER	T 1/10 US Gallons G 1/1 US Gallons Y 1/10 Liter L 1/1 Liter
7	Pressure Rating		C 150 PSI (10 BAR)
8	Rotor & Bearing		B LV PPS Carbon I HV PPS Carbon C LV PPS PTFE J HV PPS PTFE
9	Drive		M Mechanical
10	Pulse Output		X None
11	Seals		D 10:1 Dry Reed S 100:1 Solid State A Viton™ (std. in Anodized Aluminum Models) B PTFE (std. in SS, opt in AA)
12	Strainer		X None
13	Basket Mesh		S Fill-Rite 90° Strainer 4 40 Mesh Basket (standard with LV & HT rotors) 2 20 Mesh Basket (standard with HV rotors)
14	Certification		N NTEP M MID C Canada

\*Models outside of our Core Portfolio will be processed through Fill-Rite quoting process to determine price and lead time.

# MODEL NUMBER SPECIFICATIONS

## Electrical TS - Oval Gear, 1" and Up

### EXAMPLE MODEL

**T** **S** | **2** **0** | **A** **F** **6** **3** | **A** **A** | **1** | **X** | **S** **T** | **4** **2** **4** | **N**

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13

- 1 **TS**
- 2 **20**
- 3 **A**
- 4 **Assembly Number**
- 5 **Flange**
- 6 **Rotors & Seals**
- 7 **Signal Configuration**
- 8 **ATEX Gland**
- 9 **Languages**
- 10 **Misc. Options**
- 11 **Strainer Mesh**
- 12 **Voltage**
- 13 **Certifications**

MATERIAL	
<b>A</b>	Anodized Aluminum
<b>C</b>	316 Stainless Steel

<b>A</b>	NPT
<b>B</b>	BSP
<b>C</b>	150# ANSI Adapters

VOLT		
<b>T</b>	5-24	TTB
<b>G</b>	5-24	100 PPG SCL
<b>L</b>	5-24	10 PPL SCL
<b>R</b>	5-24	100 PPL
<b>Z</b>	5-24	400 PPG
<b>M</b>	5-24	1,000 PPG
<b>Y</b>	5-24	1,024 PPG
<b>1</b>	5-24	EMR <sup>4</sup> Register
<b>2</b>	5-24	MID.COM Register
<b>Q</b>	5-24	SCL - No Scaling

	SEAL	ROTOR	BEARING
<b>A</b>	Viton™	LV	PPS/Carbon
<b>V</b>	Viton™	HV	PPS/Carbon
<b>F</b>	Viton™	LV	PPS/PTFE
<b>S</b>	Viton™	HV	PPS/PTFE
<b>B</b>	PTFE	LV	PPS/Carbon
<b>D</b>	PTFE	HV	PPS/Carbon
<b>C</b>	PTFE	LV	PPS/PTFE
<b>H</b>	PTFE	HV	PPS/PTFE

<b>A</b>	ATEX Gland
<b>X</b>	With Electronic Register

<b>E</b>	English
<b>S</b>	Spanish
<b>X</b>	Not Applicable

<b>4</b>	40 Mesh
<b>2</b>	20 Mesh
<b>8</b>	80 Mesh
<b>X</b>	Not Applicable

SOLENOID	VOLTAGE
<b>12</b>	12 VDC
<b>24</b>	24 VDC
<b>28</b>	110 VAC
<b>22</b>	220 VAC

<b>N</b>	NTEP
<b>M</b>	MID
<b>C</b>	Canada

	SIZE	NOMINAL CAPACITY	GPM	GPH	LPM	M <sup>3</sup> /H
<b>10</b>	1"	25 mm	40	2,400	150	9
<b>15</b>	1-½"	40 mm	60	3,600	230	14
<b>20</b>	2"	50 mm	150	9,000	570	35
<b>30</b>	3"	80 mm	300	12,000	1,135	46

\*M & C Models only to 200 GPM

CORE PORTFOLIO	W04	W05*	W06*	F14*	F16*	F64*	F63	F66
	Meter Only - No W04 Register Flange	W04 + Strainer	W04 + Strainer + Air Eliminator	Meter Only + Register Flange (Register Ready)	Register Flange (Register Ready), Strainer, & Air Eliminator	Meter Only - with EMR <sup>4</sup> Register	Meter, EMR <sup>4</sup> Register, Strainer, Air Eliminator, & Solenoid Preset Valve	Meter, EMR <sup>4</sup> Register, Strainer, & Air Eliminator

	ECOUNT	LTIS	LT	
MID.COM PORTFOLIO				Meter with flanges & MID.COM Register
				66 or 26 + Solenoid Preset Valve
				64 or 24 + Strainer + Air Eliminator

\*Models outside of our Core Portfolio will be processed through Fill-Rite quoting process to determine price and lead time.

- DC PUMPS
- AC PUMPS
- NEXTEC
- FMS
- HAND PUMPS
- METERS
- OVAL GEAR METERS
- CABINET DISPENSERS
- BULK TRANSFER
- ACCESSORIES
- DEF
- KITS

## MODEL OUTLINE

### Flow Meter Model

# TS20AV13



- |   |  |
|---|--|
| ① Air Eliminator                        | ⑤ Preset Valve                                     |
| ② Strainer                              | ⑥ Preset with Linkage Valve and/or Air Check Valve |
| ③ Back Pressure Valve                   | ⑦ Register   |
| ④ RAD with Packaging Gland & Calibrator |  |

## MODEL OUTLINE

### Flow Meter Model

Every flow meter assembly consists of at least two, and in many cases multiple components from the product groups defined below:

#### 1. Basic Flow Meter

- Model size matched to operating parameters
- Case material matched to liquid requirements
- Internals may vary with:
  - Liquid characteristics
  - Actual operating conditions

#### 2. Accessories

- Strainer to protect flow meter against foreign particles
  - Optional thermowell for temperature probe
- Air eliminator to prevent measuring air as liquid
  - Optional back pressure valve or air check valve
- Control valve for:
  - Preset/batching service (mechanical or solenoid)
  - System security (on/off)

#### 3. Register or Controller, Mechanical or Electronic

- Mechanical Register (simple volume display)
- Electronic Register (advanced volume display)
- 2-Stage Preset Counter/Batch Controller
- Printer
- Rate Display (volume/time), electronic only

In Custody Transfer service (retail sale of liquids), local W&M regulations may dictate what components must be included in the flow meter assembly.

#### 4. Communications

Many flow meters operate as a stand-alone piece of equipment. However, communication with other equipment, such as card readers, key-locks, printers or a local PC are rapidly becoming more common. In industrial installations PLCs and other instrumentation may be part of the system.

### OVAL GEAR METERS CATALOG

This catalog covers the basics of choosing the appropriate flow meter model size, suitable registration and communication components, and necessary accessories tailored to specific needs.



*VIEW DIGITALLY*

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AC PUMPS

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# CABINET

# DISPENSERS

---

Fill-Rite's dispensers are ideal for pairing with aboveground storage tanks and fuel management systems. Offered in a variety of configurations, dispensers provide a single convenient access point at ground level for drivers when fueling equipment.

## REMOTE SWITCH DISPENSERS

- The FR102PHU provides simple remote switching for a pump, off the ground hose storage, and a heavy-duty nozzle storage boot in an enclosed, powder-coated metal cabinet

## METER DISPENSERS

- The FR902CRU integrates the 901C mechanical meter with a remote switch in an enclosed, powder-coated metal cabinet
- The FR902DPU integrates the 900CDP digital pulser meter with a remote switch, hammer arrestor, solenoid security valve, off the ground hose storage, and nozzle storage boot all in an enclosed, powder-coated metal cabinet

## PUMP AND METER DISPENSERS

- The FR702VRU pairs an FR700VN 20 GPM pump with an 807C mechanical meter in an enclosed, powder-coated metal cabinet
- The FR302DPU pairs an FR310VN 35 GPM pump with a hammer arrestor, off the ground hose storage, and nozzle storage boot all in an enclosed, powder-coated metal cabinet





# CABINET DISPENSERS

**106** CABINET DISPENSERS



## FILL-RITE'S CABINET DISPENSERS PROVIDE A FUEL DISPENSING SOLUTION FOR VIRTUALLY EVERY APPLICATION

- Modular components for installation ease and flexibility
- Models FR102PHU, FR902CRU, FR902DPU, and FRPA125 pair perfectly with the FR700 and FR300 Series
- Easy connection to Fill-Rite FMS
- Durable powder coated finish provides added protection from the elements on your meter
- Digital meter models include safety barrier
- Integrated hammer arrestor in FR902DPU
- Large selection of accessories

### FR102PHU

The **FR102PHU** provides clean, simple remote switching for a pump, convenient hose storage, and a heavy duty nozzle boot.



<b>PRESSURE:</b>	50 psi / 3.4 bar
<b>POWER:</b>	115V
<b>INLET / OUTLET:</b>	1" NPT / 1" NPT
<b>SECURITY SOLENOID:</b>	Included
<b>NOZZLE BOOT:</b>	Standard
<b>PACKAGE DIMENSIONS / WEIGHT:</b>	18" x 13.5" x 18" / 54.7 LBS
<b>COMPATIBLE FLUIDS:</b>	
<b>WARRANTY:</b>	2 Year
<b>CERTIFICATIONS:</b>	UL/cUL
<b>UPC:</b>	089404224465

### FRPA125

The **FRPA125** model is a suction pipe pedestal kit compatible with FR700 Series and FR300 Series, fuel transfer pumps.



<b>INLET / OUTLET:</b>	1.25" NPT
<b>PACKAGE DIMENSIONS / WEIGHT:</b>	32.44" x 9.88" x 9.88" / 18 LBS
<b>WARRANTY:</b>	2 Year
<b>COMPATIBLE FLUIDS:</b>	
<b>UPC CODE:</b>	89404214800

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## FR702VRU



## FR902CRU



## FR902DPU



DESCRIPTION	20 GPM Pump, Meter	Remote Switch, Meter	Remote Switch, Digital Meter
FLOW RATE / FLOW RATE RANGE	5 - 20 GPM	6 - 40 GPM	6 - 40 GPM
VOLTAGE / AMP RATING (FLA)	115V AC / 5.5 A	115V AC / 20 A	115V AC / 16 A
DUTY CYCLE	30 min on / 30 min off	N/A	N/A
MAX OPERATING PRESSURE	23 PSI	50 PSI	50 PSI
DISCHARGE HEAD / DISCHARGE PRESSURE	53' / 23 PSI	N/A	N/A
INLET THREAD / OUTLET THREAD	1.25" NPT / 0.75" NPT	1" NPT / 1" NPT	1" NPT / 1" NPT
ACCURACY	+/- 1%	+/- 2%	+/- 1.25%
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	21.31" x 20.88" x 21.31" / 87 lbs	18.13" x 12.75" x 21.13" / 7.5 lbs	27.25" x 20.5" x 20" / 108 lbs
CERTIFICATIONS	cULus	cULus	cULus
WARRANTY	Limited Lifetime	2 Year	2 Year
UPC	89404007846	089404215074	089404224489

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# BULK TRANSFER

Fill-Rite's Bulk Transfer Series self-priming centrifugal pumps are ideal for refueling multi-fluid, off-road, heavy equipment or tank-to-tank transfers. These pumps are designed to withstand the harshest work environments and provide users with reliable fluid transfer, day in and day out.

Made from heavy-duty cast iron sourced locally, the Bulk Transfer Series is engineered with the highest quality materials found globally to provide long-lasting results and a quick return on investment. Each component is optimized for longevity and designed for efficiency because when you purchase a Fill-Rite Bulk Transfer Series product, trust is understood and not taken for granted.

## FuelTraveller®

- Portable, self-priming centrifugal pump, capable of moving flammable liquids up to 130 GPM
- Utilizes a 7.5HP gasoline-driven engine
- Standard equipment includes a spark-arresting muffler, sealed toggle ignition switch, shielded ignition wire, re-filling splash guard, and heat shield
- Lightweight aluminum support cage for easy maneuverability
- Ideal for the agriculture, petroleum, mining, and construction industries

## PetroleumPro®

- Stationary, self-priming centrifugal pump series, capable of delivering 95 – 125 GPM
- Designed to handle clear liquids with specific gravities between 0.8 – 1.0 like petroleum products and solvents
- Straight-in suction is designed to eliminate entrance restrictions, and the close-coupled impeller and explosion-proof motor efficiently handle the liquid within the durable, cast iron housing
- With a limited number of moving parts, this pump series is easy to service and maintain
- Ideal for fuel processing, industrial processing, and clear liquid handling



# BULK TRANSFER

---

110 FuelTraveller

---

111 PetröleumPrö



**MORE ABOUT BULK TRANSFER**

Fill-Rite's Bulk Transfer Series pumps are compact, movable, and easily plumbed for quick uptime. These pumps are designed for multi-level applications, including bulk-to-bulk transfer, rail-to-bulk loading, or end-point bulk fuel dispensing. The Bulk Transfer Series is a reliable, cost-effective solution built from premium materials for long-lasting results. Count on Fill-Rite to deliver the best-in-class bulk transfer products for your application.



**FR-82D1-XR550-XP**



<b>CATALOG DESCRIPTION</b>	Engine-Driven Bulk Fuel Transfer Pump
<b>TECHNOLOGY</b>	Centrifugal
<b>FLOW RATE</b>	Up to 130 GPM
<b>VOLTAGE</b>	Engine
<b>DUTY CYCLE</b>	Continuous Duty
<b>MAX PRESSURE / TOTAL HEAD (FT)</b>	50 PSI / 78'
<b>INLET THREAD / OUTLET THREAD</b>	2" NPT / 2" NPT Female
<b>FULL LOAD AMPS</b>	None
<b>HOUSING / SEAL / BEARING MATERIAL</b>	Cast Iron / Fluorocarbon / Type 9, Carbon Steel
<b>COMPATIBLE FLUIDS</b>	
<b>PACKAGE DIMENSIONS (WxHxD) / WEIGHT</b>	19" x 18" x 23" / 85 lbs
<b>CERTIFICATIONS</b>	UL
<b>WARRANTY</b>	Limited Lifetime
<b>UPC</b>	089404257111

**FR-02C3XP75-60HZ1P**



**FR-02D3XP20-60HZ1P**



**FR-02K3XP20-60HZ1P**



<b>CATALOG DESCRIPTION</b>	Bulk Fuel Transfer Pump	Bulk Fuel Transfer Pump	Bulk Fuel Transfer Pump
<b>TECHNOLOGY</b>	Centrifugal	Centrifugal	Centrifugal
<b>FLOW RATE</b>	95 GPM	125 GPM	120 GPM
<b>VOLTAGE / HP / RPM / HZ</b>	115/230V AC / ¾ HP / 3450 RPM / 60HZ, 1 IP	115/230V AC / 2 HP / 3450 RPM / 60HZ, 1 IP	115/230V AC / 2 HP / 3450 RPM / 60HZ, 1 IP
<b>DUTY CYCLE</b>	Continuous Duty	Continuous Duty	Continuous Duty
<b>MAX PRESSURE / TOTAL HEAD (FT)</b>	28 PSI / 54'	30 PSI / 58'	46 PSI / 90'
<b>INLET THREAD / OUTLET THREAD</b>	2" NPT / 2" NPT Female	2" NPT / 2" NPT Female	2" NPT / 2" NPT Female
<b>FULL LOAD AMPS</b>	11	15.4	23
<b>HOUSING / SEAL / BEARING MATERIAL</b>	Cast Iron / Fluorocarbon / Carbon Steel	Cast Iron / Fluorocarbon / Carbon Steel	Cast Iron / Fluorocarbon / Carbon Steel
<b>COMPATIBLE FLUIDS</b>			
<b>PACKAGE DIMENSIONS (WxHxD) / WEIGHT</b>	13" x 16" x 23" / 95 lbs	13" x 16" x 23" / 86 lbs	13" x 16" x 23" / 120 lbs
<b>CERTIFICATIONS</b>	Motor – UL (EXP) Pump – Not Certified	Motor – UL (EXP) Pump – Not Certified	Motor – UL (EXP) Pump – Not Certified
<b>WARRANTY</b>	Limited Lifetime	Limited Lifetime	Limited Lifetime
<b>UPC</b>	089404257081	089404257098	089404257104

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# ACCESSORIES

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**Fill-Rite offers a complete line of accessories to improve ease of use with your fuel transfer system and offer greater protection for your equipment.**

## HOSES

- Available in 12', 14', and 20' lengths with  $\frac{3}{4}$ " and 1" NPT threads
- Equipped with internal spring guard to prevent kinking and stainless-steel ground wire to eliminate static build up

## AUTOMATIC NOZZLES

- Available in  $\frac{3}{4}$ " and 1" NPT threads with gasoline and diesel-sized spouts
- All automatic shut-off nozzles reduce mess by preventing overfilling and spilling, keeping you safe and efficient

## FILTERS

- Water-blocking filters remove particulates and detect excess water by causing flow restriction
- Particulate filters remove dirt, rust, and microbial growth from your fuel supply

## SWIVELS

- Relieve stress, prevent kinks, and avoid the twisting up of your hose
- Quality design maintains tight seal over time and allows for a smooth 360° rotation





# ACCESSORIES

**112** TankDefender™

**114** NOZZLES

**119** HOSES

**122** FILTERS

**124** SUCTION PIPES

**125** POWER CABLE KITS

**126** SWIVELS

**127** VENT CAPS, BREAKAWAYS,  
& WHIP HOSES

DC PUMPS

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## Back Roads. Job Sites. Crop Fields.

Our customers traverse the toughest on- and off-road surfaces every day. These rough environments cause stress and vibration on their trucks and fuel tanks.

That's why they need the TankDefender, offering unprecedented stability and support for their aluminum tanks.

The TankDefender is a simple accessory that reinforces the integrity of tanks. So customers can use a Fill-Rite pump with as many accessories as they want.



### TankDefender Models:

TNKDFR = Standalone Accessory

FR1210HTKD = FR1210H + TankDefender

FR1210HATKD = FR1210HA + TankDefender

FR1210HA1TKD = FR1210HA1 + TankDefender

✓ **No more broken tanks**

✓ **Unlimited accessories and weight**

✓ **More reliable**

✓ **Easier to use fuel setups**



**REDUCES STRESS ON  
ALUMINUM TANKS  
BY UP TO**

**80%**

## H-Series Compatible

Fits like a glove underneath the junction box or switch

## Weatherproof

Made with rugged UV-resistant and waterproof material, the TankDefender is ready for the outdoors

## Ultimate Grip

Easily grip and twist the gear-shaped base to the right height



## Universal Design

Durable support post twists up or down to any height needed

## No Tools Necessary

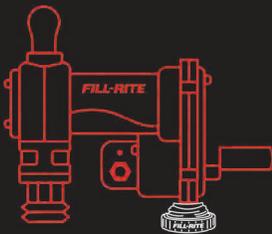
Simply place under the pump, then hand-twist to lock it in

## Integral Vibration Dampener

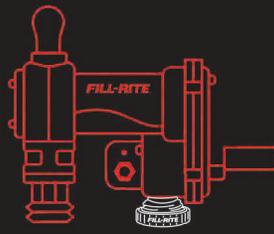
Provides maximum staying power, securing it to the tank and providing sustained on- and off-road support

## PUMP COMPATIBILITY

- Compatible with all Fill-Rite H-Series fuel transfer pumps
- Can be installed under two different parts of the pump



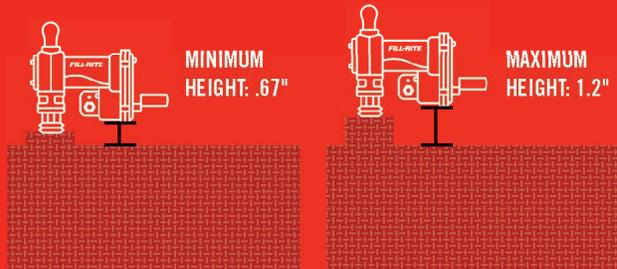
INSTALL UNDER SWITCH PLATE



INSTALL UNDER JUNCTION BOX

## TANK COMPATIBILITY

- This versatile design works with virtually any tank
- The post can be twisted up higher or lower to adapt to any bung mount size



MINIMUM HEIGHT: .67"

MAXIMUM HEIGHT: 1.2"

## INSTALLS IN 30 SECONDS

The TankDefender installs onto most tanks in under **30 seconds** in just 3 simple steps!

**1** Screw the post far enough into the base so it can slide under the pump

**2** Insert the assembled TankDefender under the junction box or switch plate

**3** Twist the post and base until it is snug, then twist the base until fully wedged underneath



# MANUAL NOZZLES

## FRHMN075S



## FRHMN100S

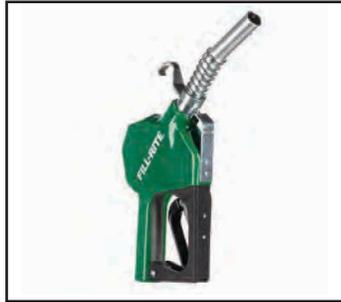


<b>CATALOG DESCRIPTION</b>	¾" Manual Nozzle	1" Manual Nozzle
<b>FLOW RATE</b>	20 GPM / 75 LPM	40 GPM / 151 LPM
<b>INLET SIZE (ID)</b>	¾" NPT	1" NPT
<b>SPOUT SIZE (OD)</b>	13/16" / 21 mm	15/16" / 24 mm
<b>MAX WORKING PRESSURE</b>	50 PSI / 3.4 bar	50 PSI / 3.4 bar
<b>PRESSURE DROP</b>	3.6 PSI @ 20 GPM	2.9 PSI @ 25 GPM
<b>MINIMUM OPERATION TEMP.</b>	-20°F / -29°C	-20°F / -29°C
<b>INTEGRAL SPOUT SPRING</b>	No	No
<b>AUTOMATIC SHUTOFF</b>	No	No
<b>NUMBER OF LATCH POSITIONS</b>	0	0
<b>NO-PRESSURE, NO-FLOW FUNCTIONALITY</b>	No	No
<b>SEAL MATERIAL</b>	Viton®	Viton®
<b>FLUID COMPATIBILITY</b>		
<b>CERTIFICATIONS</b>	UL/cUL	UL/cUL
<b>WARRANTY</b>	1 Year	1 Year
<b>UPC</b>	089404222669	089404222676

## SDN075RAN



## SDN075GAN



## SDN100GAN



CATALOG DESCRIPTION	¾" Automatic Gasoline Nozzle (Red)	¾" Automatic Diesel Nozzle (Green)	1" Automatic Diesel Nozzle (Green)
FLOW RATE	14.5 GPM / 55 LPM	14.5 GPM / 55 LPM	25 GPM / 95 LPM
COVER COLOR	Red	Green	Green
INLET SIZE (ID)	¾" NPT	¾" NPT	1" NPT
SPOUT SIZE (OD)	13/16" / 21 mm	15/16" / 24 mm	1-1/8" / 29 mm
MAX WORKING PRESSURE	50 PSI / 3.4 bar	50 PSI / 3.4 bar	50 PSI / 3.4 bar
PRESSURE DROP	17.0 PSI @ 12 GPM	12.0 PSI @ 14.5 GPM	12.0 PSI @ 25 GPM
MINIMUM OPERATION TEMP.	-20°F / -29°C	-20°F / -29°C	-20°F / -29°C
INTEGRAL SPOUT SPRING	Yes	Yes	Yes
AUTOMATIC SHUTOFF	Yes	Yes	Yes
NUMBER OF LATCH POSITIONS	3	3	3
NO-PRESSURE, NO-FLOW FUNCTIONALITY	Yes	Yes	Yes
NO-PRESSURE, NO-FLOW LIMIT	2.4 to 3.5 PSI	2.4 to 3.8 PSI	2.0 to 3.5 PSI
SEAL MATERIAL	Viton® & Buna-N®	Viton® & Buna-N®	Viton® & Buna-N®
FLUID COMPATIBILITY			
CERTIFICATIONS	UL/cUL	UL/cUL	UL/cUL
WARRANTY	1 Year	1 Year	1 Year
UPC	089404249420	089404249437	089404249444

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# AUTOMATIC NOZZLES

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## N075UAU10



## N075DAU10



## N100DAU12



## N100DAU12G



<b>CATALOG DESCRIPTION</b>	¾" Automatic Gasoline Nozzle (Red)	¾" Automatic Diesel Nozzle (Green)	1" Automatic Gasoline Nozzle (Red)	1" Automatic Diesel Nozzle (Green)
<b>FLOW RATE</b>	14.5 GPM / 55 LPM	15 GPM / 55 LPM	25 GPM / 95 LPM	25 GPM / 95 LPM
<b>COVER COLOR</b>	Red	Green	Red	Green
<b>INLET SIZE (ID)</b>	¾" NPT	¾" NPT	1" NPT	1" NPT
<b>SPOUT SIZE (OD)</b>	13/16" / 21 mm	15/16" / 24 mm	1-1/8" / 29 mm	1-1/8" / 29 mm
<b>MAX WORKING PRESSURE</b>	50 PSI / 3.4 bar	50 PSI / 3.4 bar	50 PSI / 3.4 bar	50 PSI / 3.4 bar
<b>PRESSURE DROP</b>	17.0 PSI @ 14.5 GPM	17.0 PSI @ 18.0 GPM	13.8 PSI @ 25.0 GPM	17.0 PSI @ 25.0 GPM
<b>MINIMUM OPERATION TEMP.</b>	-20°F / -29°C	-20°F / -29°C	-20°F / -29°C	-20°F / -29°C
<b>INTEGRAL SPOUT SPRING</b>	Yes	Yes	Yes	Yes
<b>AUTOMATIC SHUTOFF</b>	Yes	Yes	Yes	Yes
<b>NUMBER OF LATCH POSITIONS</b>	2	2	3	3
<b>NO-PRESSURE, NO-FLOW FUNCTIONALITY</b>	Yes	Yes	Yes	Yes
<b>NO-PRESSURE, NO-FLOW LIMIT</b>	2.0 to 3.0 PSI	2.0 to 3.0 PSI	2.0 to 3.0 PSI	2.0 to 3.0 PSI
<b>SEAL MATERIAL</b>	Viton® & Buna-N®	Viton®	Viton®	Viton®
<b>FLUID COMPATIBILITY</b>				
<b>CERTIFICATIONS</b>	UL/cUL	UL/cUL	UL/cUL	UL/cUL
<b>WARRANTY</b>	1 Year	1 Year	1 Year	1 Year
<b>UPC</b>	089404031445	089404193037	089404222706	089404225042

## N100DAU13G



## N100DAU13



## N100DAU13Y



CATALOG DESCRIPTION	1" Ultra High-Flow Automatic Diesel Nozzle (Green)	1" Ultra High-Flow Automatic Gasoline Nozzle (Red)	1" Ultra High-Flow Automatic Kerosene Nozzle (Yellow)
FLOW RATE	40 GPM / 151 LPM	40 GPM / 151 LPM	40 GPM / 151 LPM
COVER COLOR	Green	Red	Yellow
INLET SIZE (ID)	1" NPT	1" NPT	1" NPT
SPOUT SIZE (OD)	1-3/16" / 30 mm	1-3/16" / 30 mm	1-3/16" / 30 mm
MAX WORKING PRESSURE	50 PSI / 3.4 bar	50 PSI / 3.4 bar	50 PSI / 3.4 bar
PRESSURE DROP	8 PSI @ 25 GPM	8 PSI @ 25 GPM	8 PSI @ 25 GPM
MINIMUM OPERATION TEMP.	-20°F / -29°C	-20°F / -29°C	-20°F / -29°C
INTEGRAL SPOUT SPRING	Yes	Yes	Yes
AUTOMATIC SHUTOFF	Yes	Yes	Yes
NUMBER OF LATCH POSITIONS	3	3	3
NO-PRESSURE, NO-FLOW FUNCTIONALITY	Yes	Yes	Yes
NO-PRESSURE, NO-FLOW LIMIT	2 to 3 PSI	2 to 3 PSI	2 to 3 PSI
SEAL MATERIAL	Viton®	Viton®	Viton®
FLUID COMPATIBILITY			
CERTIFICATIONS	UL/cUL	UL/cUL	UL/cUL
WARRANTY	1 Year	1 Year	1 Year
UPC	089404223819	089404217160	089404223802

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# AUTOMATIC NOZZLES

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## FRNA075DAU10



## FRNA100DAU00



## BDH0707



<b>CATALOG DESCRIPTION</b>	¾" Automatic Sub-Zero Nozzle	1" Automatic Sub-Zero Nozzle	¾" Automatic Bio-Diesel Nozzle
<b>FLOW RATE</b>	15 GPM / 57 LPM	40 GPM / 151 LPM	14.5 GPM / 55 LPM
<b>COVER COLOR</b>	Blue	Blue	Black
<b>INLET SIZE (ID)</b>	¾" NPT	1" NPT	¾" NPT
<b>SPOUT SIZE (OD)</b>	15/16" / 24 mm	1-3/16" / 30 mm	15/16" / 24 mm
<b>MAX WORKING PRESSURE</b>	50 PSI / 3.4 bar	50 PSI / 3.4 bar	50 PSI / 3.4 bar
<b>PRESSURE DROP</b>	12.3 PSI @ 15 GPM	8 PSI @ 25 GPM	N/A
<b>MINIMUM OPERATION TEMP.</b>	-40°F / -40°C	-40°F / -40°C	-20°F / -29°C
<b>INTEGRAL SPOUT SPRING</b>	Yes	Yes	Yes
<b>AUTOMATIC SHUTOFF</b>	Yes	Yes	Yes
<b>NUMBER OF LATCH POSITIONS</b>	3	2	2
<b>NO-PRESSURE, NO-FLOW FUNCTIONALITY</b>	Yes	Yes	No
<b>NO-PRESSURE, NO-FLOW LIMIT</b>	2 to 3 PSI	2 to 3 PSI	N/A
<b>SEAL MATERIAL</b>	Cold Weather Fluorocarbon	Cold Weather Fluorocarbon	Fluorocarbon & Nitrile
<b>FLUID COMPATIBILITY</b>			
<b>CERTIFICATIONS</b>	UL/cUL	UL/cUL	N/A
<b>WARRANTY</b>	1 Year	1 Year	1 Year
<b>UPC</b>	089404214305	089404214312	089404207079

## FRH07512



## FRH07514



## FRH07520



CATALOG DESCRIPTION	3/4" x 12' / 3.6 mm Fuel Transfer Hose	3/4" x 14' / 4.2 mm Fuel Transfer Hose	3/4" x 20' / 6 mm Fuel Transfer Hose
INLET/OUTLET THREAD SIZE	3/4" NPT	3/4" NPT	3/4" NPT
HOSE ID/OD	3/4" / 1.1"	3/4" / 1.1"	3/4" / 1.1"
MAX WORKING PRESSURE	50 PSI / 3.4 bar	50 PSI / 3.4 bar	50 PSI / 3.4 bar
PRESSURE DROP	7 PSI @ 20 GPM	10 PSI @ 20 GPM	20 PSI @ 20 GPM
OPERATING TEMP. RANGE	-40°F – 180°F / -40°C – 82°C	-40°F – 180°F / -40°C – 82°C	-40°F – 180°F / -40°C – 82°C
ANTI-STATIC WIRE	Yes	Yes	Yes
COMPATIBLE FLUIDS			
WARRANTY	1 Year	1 Year	1 Year
UPC	089404190098	089404190852	089404192085

DC PUMPS

AC PUMPS

NEXTEC

HAND PUMPS

METERS

CABINET  
DISPENSERS

FMS

ACCESSORIES

DEF

KITS

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## FRH07512UL ARCH07520A FRH10012 FRH10014



<b>CATALOG DESCRIPTION</b>	3/4" x 12' / 3.6 mm Fuel Transfer Hose	3/4" x 20' / 6 mm Sub-Zero Temperature Fuel Transfer Hose	1" x 12' / 3.6 mm Fuel Transfer Hose	1" x 14' / 4.2 mm Fuel Transfer Hose
<b>INLET THREAD / OUTLET THREAD</b>	3/4" NPT	3/4" NPT	1" NPT	1" NPT
<b>HOSE ID / OD</b>	3/4" / 1.1"	3/4" / 1.2"	3/4" / 1.4"	1" / 1.4"
<b>MAX WORKING PRESSURE</b>	50 PSI / 3.4 bar	50 PSI / 3.4 bar	50 PSI / 3.4 bar	50 PSI / 3.4 bar
<b>PRESSURE DROP</b>	7 PSI @ 20 GPM	20 PSI @ 20 GPM	1 PSI @ 20 GPM	2 PSI @ 20 GPM
<b>OPERATING TEMP. RANGE</b>	-40°F – 180°F / -40°C – 82°C	-70°F – 212°F / -56°C – 100°C	-40°F – 180°F / -40°C – 82°C	-40°F – 180°F / -40°C – 82°C
<b>ANTI-STATIC WIRE</b>	Yes	Yes	Yes	Yes
<b>CERTIFICATIONS</b>	UL/cUL	N/A	N/A	N/A
<b>COMPATIBLE FLUIDS</b>				
<b>WARRANTY</b>	1 Year	1 Year	1 Year	1 Year
<b>UPC</b>	089404248720	089404249802	089404191095	089404190869

## FRH10020    FRH10012UL    ARCH10020A    H058G9054



<b>CATALOG DESCRIPTION</b>	1" x 20' / 6 mm Fuel Transfer Hose	1" x 12' / 3.6 mm Fuel Transfer Hose	1" x 20' / 6 mm Sub-Zero Temperature Fuel Transfer Hose	5/8" x 8' Fuel Transfer Hose
<b>INLET THREAD / OUTLET THREAD</b>	1" NPT	1" NPT	1" NPT	3/4" NPT
<b>HOSE ID / OD</b>	1" / 1.4"	1" / 1.4"	1" / 1.5"	0.63" / 1.0"
<b>MAX WORKING PRESSURE</b>	50 PSI / 3.4 bar	50 PSI / 3.4 bar	50 PSI / 3.4 PSI	50 PSI / 3.4 PSI
<b>PRESSURE DROP</b>	3 PSI @ 20 GPM	1 PSI @ 20 GPM	3 PSI @ 20 GPM	5 PSI @ 20 GPM
<b>OPERATING TEMP. RANGE</b>	-40°F – 180°F / -40°C – 82°C	-40°F – 180°F / -40°C – 82°C	-70°F – 212°F / -56°C – 100°C	-40°F – 180°F / -40°C – 82°C
<b>ANTI-STATIC WIRE</b>	Yes	Yes	Yes	Yes
<b>CERTIFICATIONS</b>	N/A	UL/cUL	N/A	UL/cUL
<b>COMPATIBLE FLUIDS</b>				
<b>WARRANTY</b>	1 Year	1 Year	1 Year	1 Year
<b>UPC</b>	089404192092	089404248737	089404249819	089404190548

DC PUMPS

AC PUMPS

NEXTEC

HAND PUMPS

METERS

CABINET  
DISPENSERS

FMS

ACCESSORIES

DEF

KITS

## PROTECT YOUR INVESTMENT WITH FILL-RITE FILTERS - YOUR EQUIPMENT'S BEST DEFENSE!

Fill-Rite Filters efficiently remove particulates and detect water, delivering unbeatable protection during fuel transfer. Our diverse selection covers *diesel, gasoline, ethanol blends, and bio-diesel.*



1200KTF7025



1210KTF7026



1200KTF7018



1210KTF7019



KITF25  
FILTER INSTALLATION KIT



KITF251  
FILTER INSTALLATION KIT

	INCLUDED COMPONENTS	COMPETITOR EQUIVALENT
1200KTF7025	F2510PMO - 10 micron particulate filter, filter head with 3/4" ports and 1" - 12 UNF threads	Cim-Tek: 72010 / Goldenrod: 596-3/4
1210KTF7026	F2510HMO - 10 micron water-detecting filter, filter head with 3/4" ports and 1" - 12 UNF threads	Cim-Tek: 72059 / Goldenrod: 596
1200KTF7018	F1810PMO - 10 micron particulate filter, filter head with 3/4" ports and 1" - 12 UNF threads, 3/4" elbow, 3/4" x 7-1/4" pipe nipple, 3/4" x 2-1/2" pipe nipple	N/A
1210KTF7019	F1810HMO - 10 micron water-detecting filter, filter head with 3/4" ports and 1" - 12 UNF threads, 3/4" elbow, 3/4" x 7-1/4" pipe nipple, 3/4" x 2-1/2" pipe nipple	N/A
KITF25	Filter Installation Kit - Includes 3/4" x 4" pipe nipple, 3/4" x 2-1/2" pipe nipple, 3/4" elbow, & PTFE tape	N/A
KITF251	Filter Installation Kit - Includes (2) 1" x 3" pipe nipples, 1" elbow, & PTFE tape	N/A



1200KTG9075



1200KTG9100



700ACCF7017

	INLET	OUTLET	MATERIAL OF CONSTRUCTION	COMPETITOR EQUIVALENT
1200KTG9075	3/4" NPT	3/4" NPT	Cast-Iron	Cim-Tek: 52003 (cast-iron) Goldenrod: 570-3/4 (aluminum)
1200KTG9100	1" NPT	1" NPT	Cast-Iron	Cim-Tek: 52002 Goldenrod: 5701
700ACCF7017	1" NPT	1" NPT	Cast-Aluminum	Cim-Tek: 50109

### Microglass Filters

- Capturing dirt, rust, and microbial growth to deliver pristine fuel quality and maximum equipment protection; compatible with a wide range of fluids, including B100

### Water-Detecting Filters

(Microglass/Cellulose Blend)

- The best filtering solution for water capturing particulates and causing flow restriction when excess water is detected

### Cellulose Filters

- Removing dirt, rust, and microbial growth contaminants from fuel supply before they make their way into your equipment



**F1810PC1**



**F1810HC1**



**1200R9146**



**1200R0631**

Up to 18 GPM (68 LPM)

	DIMENSIONS	THREADS	MICRON RATING	FILTRATION TYPE	FLUID COMPATIBILITY	COMPETITOR EQUIVALENT
<b>F1810PC1</b>	W: 4.5" / L: 10.5"	1" – 12 UNF Threads	10 MICRON	Particulate	Gasoline Diesel/ULSD	Goldenrod: 495
<b>F1810HC1</b>	W: 4.5" / L: 10.5"	1" – 12 UNF Threads	10 MICRON	Water-Detecting	Gasoline, Diesel/ULSD, & Ethanol Up To 25%	Goldenrod: 495
<b>1200R9146</b>	W: 3" / L: 4.8"	1" – 12 UNF Threads	10 MICRON	Particulate	Gasoline & Diesel/ULSD	Goldenrod: 470-5
<b>1200R0631</b>	W: 3" / L: 4.8"	1" – 12 UNF Threads	10 MICRON	Water-Detecting	Gasoline, Diesel/ULSD, & Ethanol Up To 25%	Goldenrod: 496-5



**F2510PMO**



**F2510HMO**



**F1810PMO**



**F1810HMO**



**F2502MGMO**



**F2510MGMO**

Up to 25 GPM (94 LPM)

	DIMENSIONS	THREADS	MICRON RATING	FILTRATION TYPE	FLUID COMPATIBILITY	COMPETITOR EQUIVALENT
<b>F2510PMO</b>	W: 3.8" / L: 5.4"	1" – 12 UNF Threads	10 MICRON	Particulate	Gasoline, Diesel/ULSD, & Ethanol Up To 25%	Cim-Tek: 300-10 (#70010 or #72010) / Goldenrod: 595-5
<b>F2510HMO</b>	W: 3.8" / L: 5.4"	1" – 12 UNF Threads	10 MICRON	Water-Detecting	Gasoline & Diesel/ULSD	Cim-Tek: 300HS-10 (#70059 or #72059) / Goldenrod: 596-5
<b>F1810PMO</b>	W: 3.8" / L: 8.8"	1" – 12 UNF Threads	10 MICRON	Particulate	Gasoline, Diesel/ULSD, & Ethanol Up To 25%	Cim-Tek: 260-10 (#70094)
<b>F1810HMO</b>	W: 3.8" / L: 8.8"	1" – 12 UNF Threads	10 MICRON	Water-Detecting	Gasoline & Diesel/ULSD	Cim-Tek: 260HS-10 (#70062)
<b>F2502MGMO</b>	W: 3.8" / L: 8.8"	1" – 12 UNF Threads	2 MICRON	High Efficiency Particulate	Gasoline and Ethanol Up To 25%, Diesel/ULSD, Biodiesel Up To 20%, & Biodiesel Up To B100	Cim-Tek: 72230
<b>F2510MGMO</b>	W: 3.8" / L: 8.8"	1" – 12 UNF Threads	10 MICRON	High Efficiency Particulate	Gasoline and Ethanol Up To 25%, Diesel/ULSD, Biodiesel Up To 20%, & Biodiesel Up To B100	Cim-Tek: 72234 / Goldenrod: 597-5



**F4010PMO**



**F4030PMO**



**F4010HMO**



**F4030HMO**

Up to 40 GPM (151 LPM)

	DIMENSIONS	THREADS	MICRON RATING	FILTRATION TYPE	FLUID COMPATIBILITY	COMPETITOR EQUIVALENT
<b>F4010PMO</b>	W: 5.1" / L: 10.9"	1.5" – 16 UNF Threads	10 MICRON	Particulate	Gasoline & Diesel/ULSD	Cim-Tek: 800-10
<b>F4030PMO</b>	W: 5.1" / L: 10.9"	1.5" – 16 UNF Threads	30 MICRON	Particulate	Gasoline & Diesel/ULSD	Cim-Tek: 800-30
<b>F4010HMO</b>	W: 5.1" / L: 10.9"	1.5" – 16 UNF Threads	10 MICRON	Water-Detecting	Gasoline, Diesel/ULSD, & Ethanol Up To 25%	Cim-Tek: 70063
<b>F4030HMO</b>	W: 5.1" / L: 10.9"	1.5" – 16 UNF Threads	30 MICRON	Water-Detecting	Gasoline, Diesel/ULSD, & Ethanol Up To 25%	Cim-Tek: 70068

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# SUCTION PIPES

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

1200KTG9099

1200KTG7743

KIT812NP

445F1863



<b>CATALOG DESCRIPTION</b>	20" – 34-½" Telescoping Steel Suction Pipe	15-¼" – 43" PVC 3-Piece Suction Pipe	23" – 40-½" Telescoping Poly Suction Pipe	28"– 46" Polypropylene Telescoping Suction Pipe with Bellows
<b>MATERIAL OF CONSTRUCTION</b>	Steel	PVC	Polypropylene	Polypropylene
<b>MOUNTING SIZE, THREAD, &amp; TYPE</b>	1" NPT	1" NPT	1" NPT	1" NPT
<b>TOTAL LENGTH RANGE</b>	20" – 34-½" (51 – 88 cm)	15-¼" – 43" (38 – 109 cm)	23" – 40-½" (58 – 102 cm)	28"- 46" (71 – 116 cm)
<b>COMPATIBLE FLUIDS</b>				
<b>WARRANTY</b>	1 Year	1 Year	1 Year	1 Year
<b>UPC</b>	089404190999	089404177433	089404018552	089404018637

	1200R9067	KIT321AC	KIT812PC	DC PUMPS	AC PUMPS	NEXTEC	FMS	HAND PUMPS	METERS	OVAL GEAR METERS	CABINET DISPENSERS	BULK TRANSFER	ACCESSORIES	DEF	KIT'S
															
<b>CATALOG DESCRIPTION</b>	18' / 5.4M Power Cable Kit for DC H-Series Pumps	20' / 6M Power Cable Kit for NX25-DDC Series Pumps	10' / 3M Power Cable Kit for RD8 and RD12 Series Pumps												
<b>LENGTH</b>	18' / 5.4m	20' / 6m	10' / 3m												
<b>GAUGE</b>	12	10	14												
<b>PLUG TYPE</b>	Bare Leads	Quick Attach Plug	Quick Attach Plug												
<b>BATTERY CLIPS INCLUDED</b>	No	Yes	Yes												
<b>WARRANTY</b>	1 Year	1 Year	1 Year												
<b>UPC</b>	089404190678	089404246962	089404224786												

# SWIVELS

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

S075H1314



S100H1315



SD075UL



SD100UL



## CATALOG DESCRIPTION

UL Listed ¾"  
Multi-Plane Swivel

UL Listed 1"  
Multi-Plane Swivel

UL Listed ¾"  
Multi-Plane Swivel

UL Listed 1"  
Multi-Plane Swivel

## MATERIAL OF CONSTRUCTION

Aluminum

Aluminum

Aluminum

Aluminum

## INLET THREAD / OUTLET THREAD

.75" NPT / .75" NPT

1" NPT / 1" NPT

.75" NPT / .75" NPT

1" NPT / 1" NPT

## MOUNTING SIZE, THREAD, & TYPE

N/A

N/A

N/A

N/A

## COMPATIBLE FLUIDS



## WARRANTY

1 Year

1 Year

1 Year

1 Year

## UPC

089404223529

089404223536

089404251478

089404251485

# VENT CAPS, BREAKAWAYS, & WHIP HOSES

## VENT CAPS

### FRTC



### FRTCB



<b>CATALOG DESCRIPTION</b>	Tank Vent Cap	Tank Vent Cap with Base
<b>MATERIAL OF CONSTRUCTION</b>	Aluminum & Steel	Cast Iron, Aluminum, & Steel
<b>INLET THREAD / OUTLET THREAD</b>	N/A	N/A
<b>MOUNTING SIZE, THREAD, &amp; TYPE</b>	N/A	2" NPT (Base)
<b>COMPATIBLE FLUIDS</b>	N/A	N/A
<b>WARRANTY</b>	1 Year	1 Year
<b>UPC</b>	089404192962	089404192986

## BREAKAWAYS

### B075F350



### B100F475



## WHIP HOSES

### WH07509



### WH10012



<b>CATALOG DESCRIPTION</b>	3/4" Breakaway (Not Reusable)	1" Breakaway (Not Reusable)	3/4" x 9" Whip Hose	1" x 12" Whip Hose
<b>INLET THREAD / OUTLET THREAD</b>	.75" NPT / .75" NPT	1" NPT / 1" NPT	.75" NPT / .75" NPT	1" NPT / 1" NPT
<b>LENGTH</b>	3.6"	4.8"	9"	12"
<b>COMPATIBLE FLUIDS</b>				
<b>WARRANTY</b>	1 Year	1 Year	1 Year	1 Year
<b>UPC</b>	089404225004	089404225011	089404224984	089404224991

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# DIESEL EXHAUST FLUID (DEF) / ADBLUE

The Fill-Rite DF series pumps and systems provide quick, easy, and safe DEF dispensing. With 8 GPM flow rate performance, your choice of AC or DC power, and all-in-one systems ready right out of the box, pumping diesel exhaust fluid has never been easier.

## PUMPS

- Available in 12V DC and 120V AC configurations
- Integral pulsation dampener ensures smooth flow at dispensing point by reducing foaming and splashing
- Available as closed-loop systems with convenient IBC tote and drum mounts

## METERS

- Multiple Fill-Rite & Sotera digital in-line meters available such as the TT10PB and the 825D075BSPPS

## ACCESSORIES

- Multiple ergonomic nozzles offered as non-metallic manual, non-metallic automatic, and stainless-steel automatic
- Durable EPDM hoses offered for suction and discharge barbed connections
- Micro Matic® RPV, RSV, and EPV couplers offered to create closed-loop systems and protect DEF purity



# DIESEL EXHAUST FLUID (DEF) / ADBLUE

## 132 DF SERIES

132 DC PUMPS

134 AC PUMPS



## 136 METERS

## 137 NOZZLES

## 138 REBUILD KITS, REPLACEMENT PARTS, & ACCESSORIES



DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## DF012N



## DF012CAN520



## DF012CMN520



<b>CATALOG DESCRIPTION</b>	12V - Pump Only	12V IBC Mount - Automatic Nozzle	12V IBC Mount - Manual Nozzle
<b>FLOW RATE</b>	8 GPM / 30 LPM	8 GPM / 30 LPM	8 GPM / 30 LPM
<b>INPUT VOLTAGE / AMP RATING (FLA)</b>	12V DC / 22 A	12V DC / 22 A	12V DC / 22 A
<b>DUTY CYCLE</b>	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
<b>DISCHARGE HEAD / DISCHARGE PRESSURE</b>	87' / 38 PSI	87' / 38 PSI	87' / 38 PSI
<b>SUCTION LIFT (FT)</b>	6'	6'	6'
<b>INLET THREAD / OUTLET THREAD</b>	3/4" Hose Barb / 3/4" Hose Barb	3/4" Hose Barb / 3/4" Hose Barb	3/4" Hose Barb / 3/4" Hose Barb
<b>MOUNTING SIZE, THREAD, &amp; TYPE</b>	N/A	IBC Tote Bracket	IBC Tote Bracket
<b>KEY INCLUDED COMPONENTS</b>	Hose Barbs	3/4" x 20' EPDM Hose, 3/4" x 5' EPDM Suction Hose, Hose Barbs, 1" Automatic DEF Nozzle (Stainless Steel Spout)	3/4" x 20' EPDM Hose, 3/4" x 5' EPDM Suction Hose with Hose Barbs, 1" PVC Manual Nozzle
<b>COMPATIBLE FLUIDS</b>			
<b>PACKAGE DIMENSIONS (WxHxD) / WEIGHT</b>	14.75" x 10.25" x 19.81" / 16.7 lbs	21.81" x 10" x 19.81" / 36.7 lbs	21.81" x 10" x 19.81" / 34.6 lbs
<b>CERTIFICATIONS</b>	Intertek	Intertek	Intertek
<b>WARRANTY</b>	2 Year	2 Year	2 Year
<b>UPC</b>	089404245842	089404246269	089404245866

## DF012CAN520-RP



## DF012CAT520B



DESCRIPTION	12V IBC Mount - Automatic Nozzle, RPV	12V IBC Mount - Digital Meter, Automatic Nozzle, RPV
FLOW RATE	8 GPM / 30 LPM	8 GPM / 30 LPM
VOLTAGE / AMP RATING (FLA)	12V DC / 22 A	12V DC / 22 A
DUTY CYCLE	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	87' / 38 PSI	87' / 38 PSI
SUCTION LIFT	6'	6'
INLET THREAD / OUTLET THREAD	3/4" Hose Barb / 3/4" Hose Barb	3/4" Hose Barb / 3/4" Hose Barb
MOUNTING SIZE, THREAD, & TYPE	IBC Tote Bracket	IBC Tote Bracket
KEY INCLUDED COMPONENTS	3/4" x 20' EPDM Hose, 3/4" x 5' EPDM Suction Hose, Hose Barbs, 1" Automatic DEF Nozzle (Stainless Steel Spout), RPV Valve	TT10PN Digital Meter, 3/4" x 20' EPDM Hose, 3/4" x 5' EPDM Suction Hose, Hose Barbs, 1" Automatic DEF Nozzle (Stainless Steel Spout)
ACCURACY	N/A	+/- 1%
COMPATIBLE FLUIDS		
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	21.81" x 10" x 19.81" / 37.2 lbs	21.81" x 10" x 19.81" / 37 lbs
CERTIFICATIONS	Intertek	Intertek
WARRANTY	2 Year	2 Year
UPC	089404246276	089404247051

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# DEF AC PUMPS

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

DF120N



DF120CAN520



DF120CMN520



DF120CAN520-RP



DESCRIPTION	115V - Pump Only	115V IBC Mount - Automatic Nozzle	115V IBC Mount - Manual Nozzle	115V IBC Mount - Automatic Nozzle, RPV
FLOW RATE	8 GPM / 30 LPM	8 GPM / 30 LPM	8 GPM / 30 LPM	8 GPM / 30 LPM
VOLTAGE / AMP RATING (FLA)	115V AC / 2.4 A	115V AC / 2.4 A	115V AC / 2.4 A	115V AC / 2.4 A
DUTY CYCLE	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	87' / 38 PSI	87' / 38 PSI	87' / 38 PSI	87' / 38 PSI
SUCTION LIFT	6'	6'	6'	6'
INLET THREAD / OUTLET THREAD	3/4" Hose Barb / 3/4" Hose Barb	3/4" Hose Barb / 3/4" Hose Barb	3/4" Hose Barb / 3/4" Hose Barb	3/4" Hose Barb / 3/4" Hose Barb
MOUNTING SIZE, THREAD, & TYPE	N/A	IBC Tote Bracket	IBC Tote Bracket	IBC Tote Bracket
KEY INCLUDED COMPONENTS	Hose Barbs	3/4" x 20' EPDM Hose, 3/4" x 5' EPDM Suction Hose, Hose Barbs, 1" Automatic DEF Nozzle (Stainless Steel Spout)	3/4" x 20' EPDM Hose, 3/4" x 5' EPDM Suction Hose, Hose Barbs, 1" PVC Manual Nozzle	3/4" x 20' EPDM Hose, 3/4" x 5' EPDM Suction Hose, Hose Barbs, 1" Automatic DEF Nozzle (Stainless Steel Spout), RPV Valve
COMPATIBLE FLUIDS				
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	14.75" x 10.25" x 19.81" / 15.4 lbs	21.81" x 10" x 19.81" / 35.2 lbs	21.81" x 10" x 19.81" / 34.2 lbs	21.81" x 10" x 19.81" / 34 lbs
CERTIFICATIONS	N/A	Intertek	Intertek	Intertek
WARRANTY	2 Year	2 Year	2 Year	2 Year
UPC	089404245798	089404245811	089404245828	089404246252

## DF120DAN520



## DF120CAT520B



## DF120CAN520-LBSPM



DESCRIPTION	115V Drum Mount - Automatic Nozzle	115V IBC Mount - Digital Meter, Automatic Nozzle, RPV	115V IBC Mount - Loose BSPP Digital Meter, Automatic Nozzle, RPV
FLOW RATE	8 GPM / 30 LPM	8 GPM / 30 LPM	8 GPM / 30 LPM
VOLTAGE / AMP RATING (FLA)	115V AC / 2.4 A	115V AC / 2.4 A	115V AC / 2.4 A
DUTY CYCLE	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off
DISCHARGE HEAD / DISCHARGE PRESSURE	87' / 38 PSI	87' / 38 PSI	87' / 38 PSI
SUCTION LIFT	6'	6'	6'
INLET THREAD / OUTLET THREAD	3/4" Hose Barb / 3/4" Hose Barb	3/4" Hose Barb / 3/4" Hose Barb	3/4" Hose Barb / 3/4" Hose Barb
MOUNTING SIZE, THREAD, & TYPE	Drum Bracket	IBC Tote Bracket	IBC Tote Bracket
KEY INCLUDED COMPONENTS	3/4" x 20' EPDM Hose, 3/4" x 5' EPDM Suction Hose, Hose Barbs, 1" Automatic DEF Nozzle (Stainless Steel Spout)	TT10PN Digital Meter, 3/4" Hose Barb, 3/4" x 20' EPDM Hose, 3/4" x 5' EPDM Suction Hose, Hose Barbs, 1" Automatic DEF Nozzle (Stainless Steel Spout)	TT10PB Digital Meter, 3/4" x 20' EPDM Hose, 3/4" x 5' EPDM Suction Hose, Hose Barbs, 1" Automatic DEF Nozzle (Stainless Steel Spout), RPV Valve
ACCURACY	N/A	+/- 1%	+/- 1%
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	21.81" x 10" x 19.81" / 36.7 lbs	21.81" x 10" x 19.81" / 36.8 lbs	21.81" x 10" x 19.81" / 33 lbs
CERTIFICATIONS	Intertek	Intertek	Intertek
WARRANTY	2 Year	2 Year	2 Year
UPC	089404245835	089404247068	089404247464

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## TT10PB



## 825D075BSPPS



DESCRIPTION	1" BSPP In-Line Polypropylene Meter	¾" BSPP
TECHNOLOGY	Turbine	Nutating Disc
FLOW RATE	2 - 35 GPM / 8 - 132 LPM	2 - 20 GPM / 8 - 75 LPM
OPERATING TEMPERATURE RANGE	-15 - 140°F / -26 - 60°C	0 - 130°F / -18 - 54°C
ACCURACY	+/- 1%	+/- 0.5%
DISPLAY DIGITS	4	4
INLET THREAD / OUTLET THREAD	1" BSPP / 1" BSPP	0.75" BSPP / 0.75" BSPP
COMPATIBLE FLUIDS		
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	6.2" x 7.4" x 3" / 0.8 lbs	22" x 6.25" x 6.5" / 1.9 lbs
CERTIFICATIONS	ATEX, CE, cULus, IECEx	CE
WARRANTY	2 Year	2 Year
UPC	089404226339	089404215616

**FRDFM075C**



**FRDFA075B**



**FRNS075A**



<b>DESCRIPTION</b>	¾" Manual DEF Nozzle	¾" Automatic DEF Nozzle with Integrated Swivel	¾" DEF Stainless Automatic Nozzle
<b>MAX FLOW RATE</b>	16 GPM / 60 LPM	14 GPM / 53 LPM	10 GPM / 38 LPM
<b>COVER COLOR</b>	Blue	Blue	Blue
<b>INLET SIZE (ID) / SPOUT SIZE (OD)</b>	¾" Hose Barb / .758"	¾" Hose Barb / .758"	¾" BSPP / ¾"
<b>MAX WORKING PRESSURE</b>	38 PSI	38 PSI	50 PSI
<b>MIN. OPERATION TEMP.</b>	32°F / 0 °C	32°F / 0 °C	-40°F / -40°C
<b>INTEGRAL SPOUT SPRING</b>	No	No	No
<b>AUTOMATIC SHUTOFF</b>	No	Yes	Yes
<b>NUMBER OF LATCH POSITIONS</b>	N/A	3	3
<b>NO-PRESSURE, NO-FLOW FUNCTIONALITY</b>	No	No	Yes
<b>NO-PRESSURE NO-FLOW LIMIT</b>	No	No	Yes
<b>SEAL MATERIAL</b>	FKM	FKM	GFLT & Fluorosilicone
<b>FLUID COMPATABILITY</b>			
<b>CERTIFICATIONS</b>	N/A	N/A	N/A
<b>WARRANTY</b>	1 Year	1 Year	1 Year
<b>UPC</b>	089404245934	089404245941	89404215630

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## MMNM075RPV



**Non-metallic RPV Coupler**  
 $\frac{3}{4}$ " Micro Matic non-metallic RPV coupler with hose barb connection  
**UPC #: 89404245996**

## MMSS075RSV



**Micro Matic  $\frac{3}{4}$ " RSV Coupler**  
 $\frac{3}{4}$ " Micro Matic stainless steel RSV coupler with a hose barb connection  
**UPC #: 89404216026**

## KITDFFK



**Fittings**  
 (2) 1" BSPP x  $\frac{3}{4}$ " hose barb strait fittings, (2) 1" BSPP x  $\frac{3}{4}$ " hose barb 90° elbow fittings with retaining nuts, (4) SS worm gear hose clamps  
 (2) Retaining nuts  
**UPC #: 89404245972**

## KITDFPK



**Spare Parts**  
 (5) segment seal flaps, (3) O-rings, bypass poppet, dampener, retention plate, bolt, (4 sets) screws and washers, and bypass spring  
**UPC #: 89404246009**

## KITDFCB



**IBC Cage, Brackets**  
 Stainless Steel IBC Tote bracket, nozzle boot reservoir, and hardware  
**UPC #: 89404245903**

## KITDFDB



**Drum Bracket**  
 Stainless Steel drum bracket (expands for 30 to 55 gallon drums) includes nozzle boot and bracket  
**UPC #: 89404245897**

## KITDFHF



**Replacement Handle and Foot**  
 Pump foot bracket and pump handle  
**UPC #: 89404245965**

## KITDFH05



**5' x  $\frac{3}{4}$ " Suction Hose**  
 5' x  $\frac{3}{4}$ " EPDM suction hose with bare ends for hose barb connection  
**UPC #: 89404245927**

## KITDFH20



**EPDM Discharge Hose**  
 $\frac{3}{4}$ " x 20' EPDM suction hose with bare ends for hose barb connection  
**UPC #: 89404245910**

**KITDFNB**



**Drum Bracket**

Nozzle boot and bracket

**UPC #: 89404246009**

**KITDFTMB**



**Barbed Turbine Meter**

TT10PB meter and (2) hose barbs,  
(2) SS worm gear hose clamps

**UPC #: 89404247075**

**KIT180DTPS**



**Suction tube assembly**

Suction tube assembly kit, designed  
for use with 2" NPT threaded drums

**UPC #: 89404216873**

**KITHA32VMN**



**Hose with Manual Nozzle**

3/4" x 6' EPDM hose with manual  
polypropylene nozzle with stainless  
steel spout

**UPC #: 89404215043**

**KITHA32V**



**Hose with Ball Valve Tap**

3/4" x 6' in EPDM discharge hose and  
ball valve

**UPC #: 89404215036**

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

**DEF**

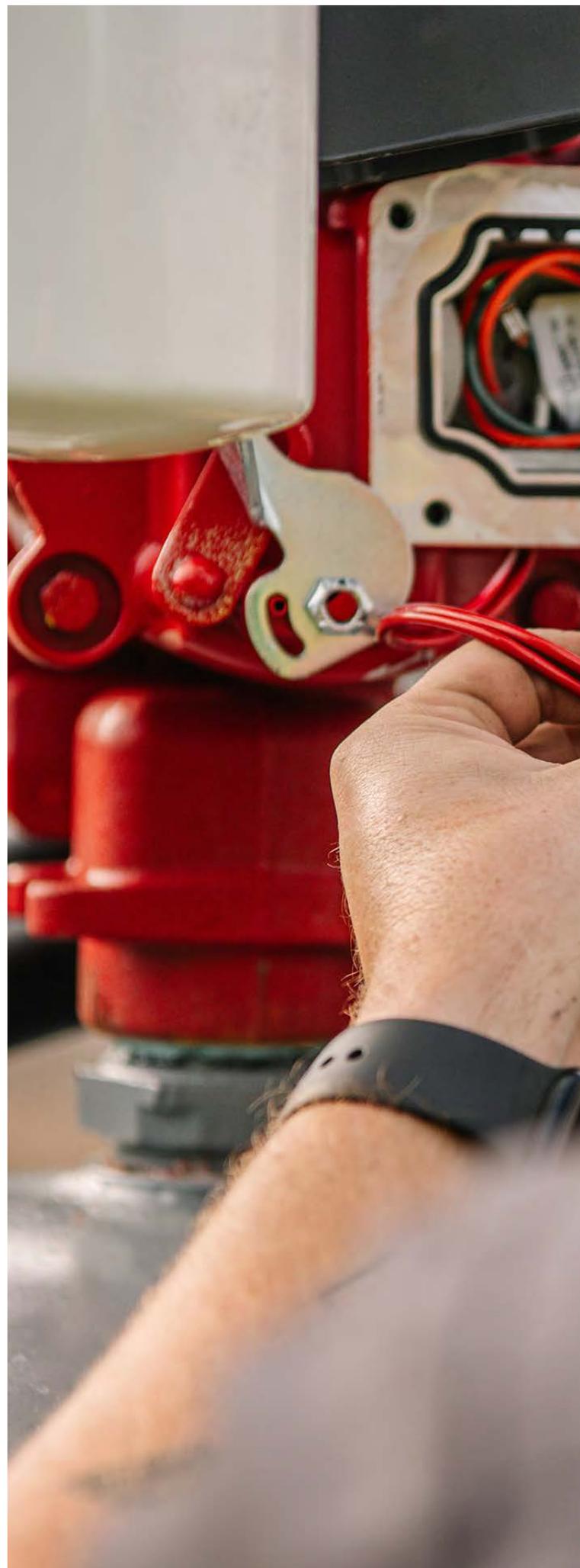
KITS

# REBUILD KITS & REPLACEMENT PARTS

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For over 60 years, Fill-Rite has set the standard for reliable fuel transfer pumps, meters, and accessories. Fill-Rite fuel transfer equipment is widely recognized for its durability and years of elite performance in the field. We take pride in this industry-leading reputation every day by manufacturing with heavy-duty materials, so our products can continue to withstand rugged everyday use, extreme weather exposure, and the toughest applications.

Despite our commitment to excellence, Fill-Rite fuel transfer equipment may still occasionally require some service or maintenance over time—just like any other piece of equipment. As a result, we proudly stand behind our product by offering a wide variety of replacement parts and rebuild kits for all your Fill-Rite equipment. We are proud to be able to support our customers and keep legacy product functioning in the field!





# REBUILD KITS & REPLACEMENT PARTS

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**142** FR8 SERIES

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**143** FR1200, FR2400, FR4200,  
FR4400, & FR6060 SERIES

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**145** FR700 SERIES

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**146** FR300 SERIES

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**148** NEXTEC SERIES

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**149** HAND PUMP SERIES

---

**150** 800 METERS

---

**151** 900 METERS

---

**153** TN METERS

---

**154** CABINET DISPENSERS

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**155** RD SERIES

# FR8 SERIES KITS

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## KITFR8BG



**Inlet Bung Kit**  
Inlet bung, inlet screen  
**UPC# 89404250372**

## KITFR8NB



**Nozzle Boot Kit**  
Nozzle boot, (2) button head screws  
**UPC# 89404250389**

## KITFR8SW



**FR8 Switch Lever**  
Switch lever mounting bolt  
**UPC# 89404250396**

## KITFR8RG



**FR8 Rotor Kit**  
Rotor, (5) vanes, key, rotor cover, Rotor cover seal, (3) bolts  
**UPC# 89404250402**

## KITFR8PC



**FR8 Power Cable Kit**  
15' power cord, cable gland, ground screw, electrical connectors  
**UPC# 89404250419**

## KITFR8ES



**FR8 Internal Switch Kit**  
Internal switch with mounting bracket and screw, switch plate gasket, (6) bolts  
**UPC# 89404250426**

## 4200KTF8739



**Rebuild Kit (Square Cover) for Series 1200C & 1200D**  
Rotor, rotor cover gasket, rotor cover, rotor key, bypass valve, bronze vanes, spring, O-ring, shaft seal (KIT120SL), inlet gasket/screen, rotor cover bolts  
**UPC# 089404087398**

## KIT120RKG



**Rebuild Kit (4 Bolt Round Cover) for Series 1200G & 1200H**  
Rotor, rotor cover gasket, rotor cover, rotor key, bypass valve, bronze vanes, O-ring, shaft seal (KIT120SL), inlet gasket/screen, rotor cover bolts  
**UPC# 089404223994**

## KIT120RKG2



**Repair Kit (2 Bolt Round Cover) for Series 1200G & 1200H**  
Rotor, rotor cover, rotor key, gasket inlet flange, vanes, bronze O-ring, inlet screen, spring, poppet assembly, shaft seal kit, gasket, gasket inlet flange  
**UPC# 089404249727**

## KIT120BD



**Bio-Diesel/E85 Conversion Kit**  
Bypass valve cover O-ring, rotor cover gasket, bypass valve tip, inlet gasket  
**UPC# 089404216149**

## KIT120BG



**Inlet Flange Kit**  
Inlet flange, inlet screen, inlet gasket, bolts to fasten inlet flange to pump casting  
**UPC# 089404216118**

## KIT120BV



**Bypass Valve Kit**  
Bypass valve, bypass cap and O-ring, bypass valve spring  
**UPC# 089404216088**

## KIT120ES



**Line Switch and Shaft Kit**  
Line switch, retaining ring, quad O-ring, spring washer, switch shaft assembly, gasket for H-Series  
**UPC# 089404217153**

## KIT120FLG



**1" Meter Flange for 4200 Pumps**  
O-ring, meter side, meter flange, bolts to attach meter to flange  
**UPC# 089404223765**

## KIT120JC



**Junction Box Cover Kit**  
Junction box cover, junction box cover gasket, screws to attach cover to pump  
**UPC# 089404216071**

## KIT120JCH



**Junction Box Cover for H series**  
Junction box, seal, screws  
**UPC# 089404248690**

## KIT120NB



**Nozzle Boot Kit**  
Nozzle boot, screws, locknuts  
**UPC# 089404216132**

## KIT120RG



**Rotor Group Kit (Square Cover)**  
Rotor, rotor cover bolts, bronze vanes, rotor cover gasket, rotor key, rotor cover  
**UPC# 089404216101**

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# FR1200, FR2400, FR4200, FR4400, FR600, SD1200, SD600 KITS

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

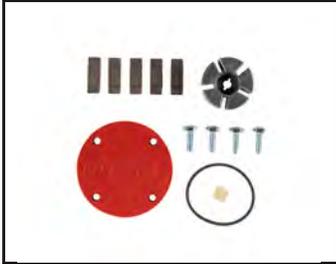
BULK TRANSFER

ACCESSORIES

DEF

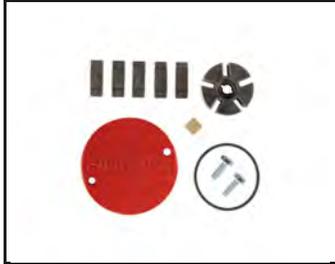
KITS

## KIT120RGG



**Rotor Group Kit (4 Bolt Round Cover)**  
Rotor, rotor cover bolts, bronze vanes, rotor cover gasket, rotor key, rotor cover  
**UPC# 089404223680**

## KIT120RGG2



**Rotor Group Kit (2 Bolt Round Cover)**  
Rotor, rotor cover bolts, bronze vanes, rotor cover gasket, rotor key, rotor cover  
**UPC#089404249734**

## KIT120SG



**Inlet Screen and Gasket Kit**  
Inlet screen and inlet gasket  
**UPC# 089404216125**

## KIT120SL



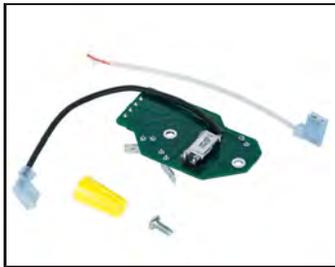
**Shaft Seal Kit**  
O-rings (small and large), steel mating ring, carbon sealing ring, washers, retaining ring, spring  
**UPC# 089404216095**

## KIT120SWH



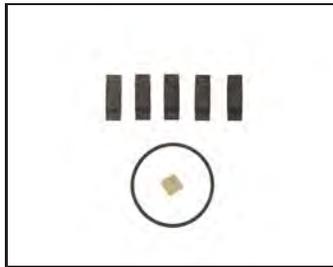
**Switch Lever Kit (G&H)**  
Switch lever, lock nut  
**UPC# 089404248805**

## KIT120CBR



**Thermal Protector/Rectifier Kit**  
Neutral wire, wire nut, circuit board with thermal protector and rectifier, screw  
**UPC# 089404225035**

## KIT120VG



**Vane Kit**  
Rotor key, bronze vanes, rotor cover gasket  
**UPC# 089404224670**

## KIT120ARM



**FR1200/SD1200 Motor Kit**  
Armature with bearings, brush holder, screws, positive/negative brush, line switch, switch plate gasket, H-Series motor for thermal protector, shaft seal kit  
**UPC# 089404217054**

## KIT121ARM



**FR2400 Motor Kit**  
Armature with bearings, brush holder, screws, positive/negative brush, line switch, switch plate gasket, H-Series motor for thermal protector, shaft seal (KIT120SL)  
**UPC# 089404217061**

## KIT122ARM



**FR4200 Motor Kit**  
Armature with bearings, brush holder, screws, positive/negative brush, line switch, switch plate gasket, H-Series motor for thermal protector, shaft seal (KIT120SL)  
**UPC# 089404217078**

## KIT123ARM



**FR4400 Motor Kit**  
Armature with bearings, brush holder, screws, positive/negative brush, line switch, switch plate gasket, H-Series motor for thermal protector, shaft seal (KIT120SL)  
**UPC# 089404217085**

## KIT124ARM



**FR600/SD600 Motor Kit**  
Armature with bearings, brush holder, neutral wire, screws, brushes, line switch, switch plate gasket, H-Series motor, circuit board with thermal protector and rectifier, shaft seal (KIT120SL)  
**UPC# 089404217092**

## 700KTF2659



### Rebuild Kit

Carbon vanes, rotor, rotor key and cover, bolts, bypass valve, O-rings, shaft seal (KIT700SL), inlet flange gasket, strainer cap gasket, check valve gasket, discharge flange/meter gasket  
**UPC# 089404026595**

## KIT700AS



### Anti-Siphon Kit

Braided tubing, compression fittings, PTFE tape, O-ring, anti-siphon body  
**UPC# 089404216347**

## KIT700BD



### Bio-Diesel/E85 Conversion Kit

Shaft seal (KIT700SL), 700B discharge flange, bypass valve tip, strainer cap gasket, rotor cover gasket, bypass cap gasket, discharge flange gasket, inlet flange gasket  
**UPC# 089404216316**

## KIT700BG



### Bung Adapter Kit

Bung adapter  
**UPC# 089404216293**

## KIT700BV



### Bypass Valve Kit

Bypass valve spring, bypass cap and O-ring, bypass valve  
**UPC# 089404216262**

## KIT700CV



### Check Valve Kit

Check valve assembly, O-ring for base of check valve, discharge flange  
**UPC# 089404216323**

## KIT700JC



### Junction Box Cover Kit

Junction box cover, junction box cover gasket, bolts  
**UPC# 089404216255**

## KIT120NB



### Nozzle Boot Kit

Nozzle boot, screws, locknuts  
**UPC# 089404216132**

## KIT700MA



### Meter Flange Kit

Pump discharge flange, button head cap screw, O-rings, bolts  
**UPC# 089404217177**

## KIT700OT



### Straight 3/4" Outlet Flange Kit

Discharge flange, button head cap screw, O-ring, bolts  
**UPC# 089404216330**

## KIT700OT1



### Straight 1" Outlet Flange Kit

Straight 1" discharge flange, button head cap screw, O-rings, bolts  
**UPC# 089404224182**

## KIT700RG



### Rotor Group Kit

Rotor, rotor key, rotor cover gasket, rotor cover, rotor cover bolts, carbon vanes  
**UPC# 089404216286**

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# FR700 & FR300 SERIES KITS

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## KIT700SG



**Screen/Gasket Kit**  
Strainer cap gasket, strainer, strainer cap, strainer screen  
**UPC# 089404216309**

## KIT700SL



**Shaft Seal Kit**  
O-rings (small and large), mating ring, carbon sealing ring, washers, retaining ring, spring  
**UPC# 089404216279**

## KIT700SW



**Switch Lever Kit**  
Switch lever and lock nut  
**UPC# 089404216248**

## KIT900PF



**Meter/Pump Flange Kit**  
flange, O-ring meter/flange, mounting bolts, gasket flange/pump, hole plugs, button head screw, O-ring  
**UPC# 089404215982**

## KIT700AVBP



**Bulk Anti-Siphon Body Kit**  
Anti-Siphon bodies (10) and O-rings (10)  
**UPC# 089404224076**

## KIT700RKP



**Bulk Rotor Key Kit**  
15 Rotor keys  
**UPC# 089404223055**

## KIT700SL



**Shaft Seal Kit**  
O-rings (small and large), mating ring, carbon sealing ring, washers, retaining ring, spring  
**UPC# 089404216279**

## KIT300SW



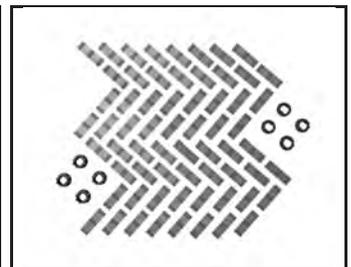
**Switch Lever Kit**  
Switch lever and lock nut  
**UPC# 089404216156**

## KIT300IP



**Shaft Seal Kit**  
Rotor inserts (10)  
**UPC# 089404224038**

## KIT300VP



**Shaft Seal Kit**  
Rotor insert (8) and carbon vanes (64)  
**UPC# 089404217368**

## 300KTF7794



### Rebuild Kit

Rotor, rotor insert, rotor cover gasket, rotor cover, bolts, carbon vanes, shaft seal (KIT700SL), strainer, inlet flange gasket, bypass cap gasket

UPC# 089404077948

## KIT300BD



### Bio-Diesel/E85 Conversion Kit

Bypass cap, strainer/check valve cover, 1" meter flange, rotor cover gasket, bypass cap gasket, inlet/meter flange gasket, check valve/strainer cover gasket, shaft seal (KIT700SL)

UPC# 089404216217

## KIT700AS



### Anti-Siphon Kit

Braided tubing, compression fittings, PTFE tape, O-ring, anti-siphon body

UPC# 089404216347

## KIT700BG



### Bung Adapter Kit

Bung adapter

UPC# 089404216293

## KIT300BV



### Bypass Valve Kit

Bypass valve, bypass cap gasket, bypass cap

UPC# 089404216170

## KIT300JC



### Junction Box Cover Kit

Junction box cover, junction cover gasket, junction box cover bolts

UPC# 089404216163

## KIT120NB



### Nozzle Boot Kit

Nozzle boot, screws, lock nuts

UPC# 089404216132

## KIT300NR



### Nozzle Retainer Kit

Nozzle retainer, bolt, lock nuts

UPC# 089404216224

## KIT300MA



### Meter Discharge Flange Kit

Meter discharge flange, cap screw, cap screw O-ring, discharge flange O-ring, discharge flange bolts

UPC# 089404217184

## KIT300OT



### Straight Discharge Flange Kit

Discharge flange, discharge flange bolts, discharge flange O-ring, cap screw O-ring, cap screw

UPC# 089404216231

## KIT300RG



### Rotor Group Kit

Rotor, rotor insert, rotor cover gasket, rotor cover and bolts, carbon vanes

UPC# 089404216187

## KIT300SG



### Check Valve/Strainer Kit

Check valve/strainer cover, check valve/strainer assembly, cover gasket, cover bolts

UPC# 089404216194

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## KIT321BG



**NPT Inlet Flange Kit**  
Inlet gasket, inlet screen,  
inlet flange bolts (4),  
inlet flange  
**UPC# 089404245637**

## KIT321BV



**Bypass Valve Kit**  
Bypass spring, bypass valve,  
bypass valve cap, inlet  
screen, inlet gasket  
**UPC# 089404245651**

## KIT321NB



**Nozzle Boot Kit**  
Nozzle boot, bolt to attach  
nozzle boot to pump  
**UPC# 089404245644**

## KIT321AC



**Power Cable Kit**  
20' power cable with 35  
amp fuse, 200 amp alligator  
clips with hardware to  
attach to wires  
**UPC# 089404246962**

## KIT321ASN



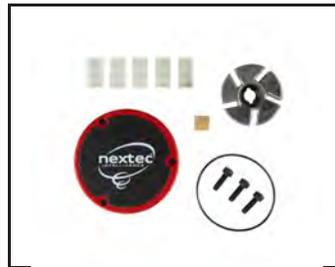
**Anti-Siphon Kit**  
Braided hose, fittings male  
elbow, PTFE tape, fitting  
male elbow  
**UPC# 089404247143**

## KIT321JC



**NX Junction Box Cover Kit**  
Junction box cover,  
O-ring, bolts  
**UPC# 089404247884**

## KIT321RG



**Rotor Group Kit**  
Rotor cover, bolts, rotor  
cover gasket, rotor key,  
vanes, rotor  
**UPC# 089404245620**

## KIT321RK



**Rebuild Kit**  
Inlet screen, inlet gasket,  
bypass valve, bypass spring,  
bypass valve cap, rotor  
cover, bolts, cover gasket,  
rotor key, vanes, rotor  
**UPC# 089404245613**

## KIT321SK



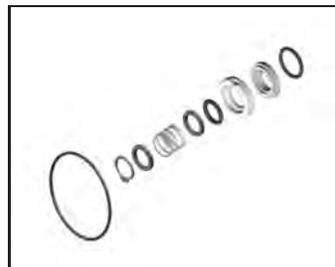
**All External Seals Kit**  
Inlet gasket, inlet screen,  
rotor cover gasket  
**UPC# 089404245668**

## KIT321SW



**Switch Assembly Kit**  
Switch assembly, screws  
(2), lock nut, switch lever,  
locking link  
**UPC# 089404245712**

## KIT320SL



**Shaft Seal Kit**  
O-ring (small and large),  
carbon piece, spring, rotor  
cover gasket, retaining clip,  
washers (2), ceramic piece  
**UPC# 089404223598**

## KIT120SG



**Inlet Screen and Gasket Kit**  
Inlet screen and inlet gasket  
**UPC# 089404216125**

## 30KTF4919



### Rebuild Kit

Check ball retainer, check ball, paper gaskets (2), pinion O-rings (2), piston, packing nut O-ring  
**UPC# 089404049198**

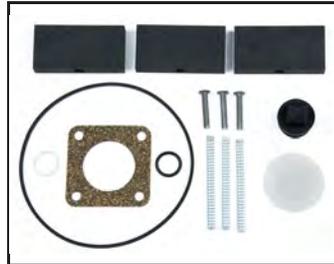
## KIT100WGP



### Bulk Wood Handle Kit

Handle nut (15), handle bolt (15), wood handle (15)  
**UPC# 089404223048**

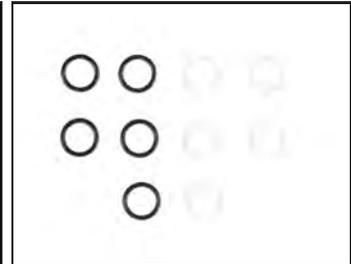
## 100KTF1214



### Rebuild Kit

Vacuum breaker, seal washer, O-ring for handle, rotor cover O-ring, inlet gasket, inlet screen, vanes (3), springs (3), pins (3)  
**UPC# 089404012147**

## KIT100WHP



### Bulk Shaft Seal Kit

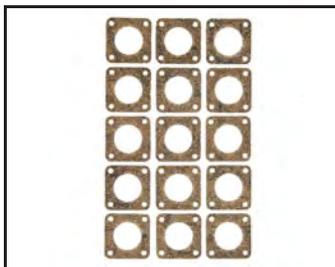
O-rings (5), washers (5)  
**UPC# 089404222812**

## KIT120SG



**Inlet Screen and Gasket Kit**  
Inlet screen and inlet gasket  
**UPC# 089404216125**

## KIT100GBP



**Bulk Inlet Gasket Kit**  
Inlet gaskets (15)  
**UPC# 089404223017**

## KIT152VB



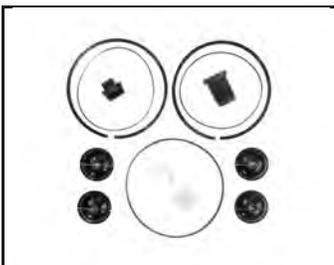
**Vacuum Breaker Kit**  
Vacuum breaker  
**UPC# 089404246528**

## KIT152VBP



**Bulk Vacuum Breaker Kit**  
Vacuum breakers (5)  
**UPC# 089404222881**

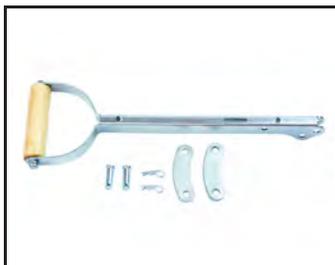
## 5200KTF1828



### Rebuild Kit

O-rings for under piston rings (2), cover gasket, piston rings (2), piston valves (4), vacuum breaker, bearing nut for packing gland, packing gland  
**UPC# 089404018286**

## KIT152HA



### Handle Kit

Handle, handle nut, wood grip, handle bolt, clevis pins, hitch pin clips (3), clevis links (2)  
**UPC# 089404222294**

# 800 MECHANICAL METER KITS

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## 800KT



### Rebuild Kit

Chamber assembly, gear frame, beveled pinion gear, pin, washers, gallon drive, cluster gears, liter drive, cover gasket, v-cut gasket, meter inlet O-ring, calibration cap O-ring, calibration screw O-ring, O-ring for shaft on drive gear  
**UPC# 089404214947**

## KIT800GR



### Gallon Register/Faceplate Kit

Gallon register, screws, gallon faceplate, pinion bevel gear  
**UPC# 089404222232**

## KIT800LR



### Liter Register/Faceplate Kit

Liter register with screws, liter faceplate with screws, pinion bevel gear  
**UPC# 089404222249**

## KIT800MK



### Mounting for Small Pumps Kit

Meter fitting, O-ring, pipe nipple, bolts for securing meter to meter fitting (2)  
**UPC# 089404217146**

## KIT800FPP



### Bulk Gallon Faceplate Kit

Gallon faceplates (5)  
**UPC# 089404222829**

## KIT800LFPP



### Bulk Liter Faceplate Kit

Liter faceplates (5)  
**UPC# 089404224113**

## KIT800REP



### Bulk Gallon Register Kit

Gallon registers (5)  
**UPC# 089404222836**

## 900KT



**Rebuild Kit**  
 Driver pinion gear, beveled pinion gear, chamber assembly, gear frame, pin, washers, retaining ring, gallon drive, cluster gears, liter drive, cover gaskets, meter inlet O-ring (2), calibration cap and screw  
**UPC# 089404214954**

## KIT900GR



**Gallon Register/Faceplate Kit**  
 Gallon register, gallon faceplate, pinion bevel gear, bezel, screws  
**UPC# 089404222256**

## KIT900CW



**900 Mechanical Meter Kit**  
 Low temp O-rings, screws  
**UPC# 089404248539**

## KIT900REG



**Gallon Register Kit**  
 Counter, pinion bevel, bolts  
**UPC# 089404248782**

## KIT900LR



**Liter Register/Faceplate Kit**  
 Liter register, liter faceplate, pinion bevel gear, bezel, screws  
**UPC# 089404222263**

## KIT900PF1.5N



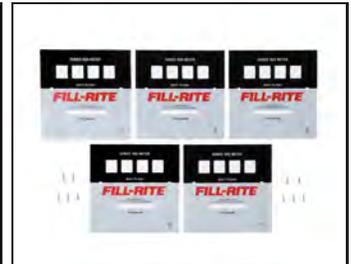
**Nickel 1-1/2" NPT Meter Flange Kit**  
 Meter flanges (2), gaskets (2), screws (8)  
**UPC# 089404222331**

## KIT900PF1N



**Nickel 1" NPT Meter Flange Kit**  
 Meter flanges (2), gaskets (2), screws (8)  
**UPC# 089404222317**

## KIT900FPP



**Bulk Gallon Faceplate Kit**  
 Gallon faceplates (5)  
**UPC# 089404222850**

## KIT900LFPP



**Bulk Liter Faceplate Kit**  
 Liter faceplates (5)  
**UPC# 089404224847**

## KIT900PF



**Meter/Pump Flange Kit**  
 Flange, gasket, bolts, O-rings, button head screw, hole plugs, screws (2)  
**UPC# 089404215982**

## KIT120FLG



**1" Meter Flange for 4200 Pumps Kit**  
 Meter flange, O-ring, bolts (4)  
**UPC# 089404223765**

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# 900 DIGITAL METER KITS

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## 900DKT



**Rebuild Kit**  
Chamber assembly, magnetic driver, retaining ring, torx screws (4), cover gasket, flange gaskets (2), driver spring  
**UPC# 089404215609**

## KIT900PF



**Meter/Pump Flange Kit**  
Flange, O-rings, bolts, gasket, button head screw, hole plugs (2), screws (2)  
**UPC# 089404215982**

## KIT900PF1.5N



**Nickel 1-1/2" NPT Meter Flange Kit**  
Meter flanges (2), gaskets (2), screws (8)  
**UPC# 089404222331**

## KIT900PF1N



**Nickel 1" NPT Meter Flange Kit**  
Meter flanges (2), gaskets (2), screws (8)  
**UPC# 089404222317**

## KIT900DPBA



**Intrinsically Safe Barrier**  
**UPC# 089404223796**

## KIT900CDFP



**900CD Electronic Faceplate**  
Electronic faceplate assembly  
**UPC# 089404244579**

## KIT900CDPFP



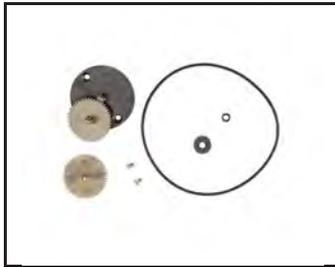
**900CDP Electronic Faceplate**  
Electronic faceplate assembly  
**UPC# 089404244586**

## MC8600



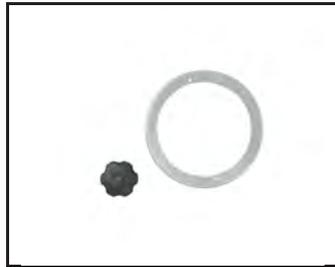
**Meter Chamber Assembly Kit**  
 UPC# 089404101896

## RK8101



**Control Plate Assembly Kit**  
 (fluorocarbon seals)  
 UPC# 089404102800

## RK3700



**Register Cover and Reset Knob Kit**  
 Register cover, reset knob  
 UPC# 089404102985

## PL5250



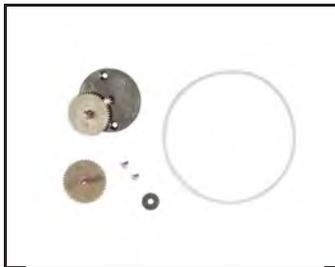
**Cover, Gasket and Screws Kit**  
 Clear cover, cover gasket,  
 screws (2)  
 UPC# 089404102855

## MC8800



**Meter Chamber Assembly Kit**  
 UPC# 089404101599

## RK8201



**Control Plate Assembly Kit**  
 (PTFE seals)  
 UPC# 089404102817

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# CABINET DISPENSER KITS

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

## 702KTF3518



### Universal Nozzle Boot and Switch Rod Kit

Nozzle boot, switch rods, fasteners, handle switch, nozzle retainer, handle stop, hole plugs, switch rod hardware  
**UPC# 089404035184**

## KIT702VRFP



**FR702VR Faceplate Kit**  
 Faceplate, clear cover, screws (2) for FR702VR  
**UPC# 089404215692**

## KIT702VRUFP



**FR702VRU Faceplate Kit**  
 Faceplate, clear cover, screws (2) for FR702VRU  
**UPC# 089404215708**

## KIT702MG



**Gallon Meter**  
 Gallon mechanical meter for FR702 and FR702V cabinets  
**UPC# 089404216514**

## KIT902CC



**Clear Cover**  
 Clear cover to be used with FR902C mechanical meter cabinets and FR702V pump cabinets  
**UPC# 089404215364**

## KIT902RUF



**Cover, Gasket and Screws Kit**  
 FR902CRU faceplate, clear cover, screws (2)  
**UPC# 089404215289**

## KIT902HA



**Switch Handle Assembly Kit**  
 Switch handle assembly, switch rod, hitch pin, screws (2)  
**UPC# 089404215357**

## KIT902LS



**Line Switch Kit**  
 4 pole line switch, screws (2)  
**UPC# 089404215258**

## KIT902SV



**Replacement Solenoid Valve Kit**  
 Solenoid assembly, O-ring, meter flange bolts  
**UPC# 089404215241**

## KIT902MB



**Wall Mount Bracket Kit**  
 Wall mount bracket, screws (4)  
**UPC# 089404215340**

## KIT900CABINT



**Digital Meter Kit**  
 900 Digital meter and remote display  
**UPC# 089404224977**

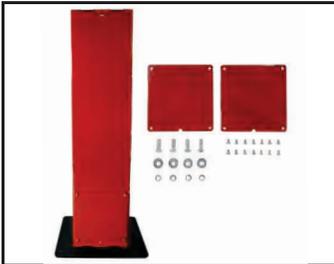
## KIT302DPD



**Digital Register Kit**  
 Register assembly, screws (4), washers (4)  
**UPC# 089404225707**

# CABINET DISPENSER & RD SERIES PUMP KITS

## KITPD



**Pedestal Kit**  
Pedestal to be used with only FR902DPU and FR302DPU  
**UPC# 089404224540**

## KITWM



**Wall Mount Bracket Kit**  
Wall mount bracket to be used with only FR902DPU and FR302DPU  
**UPC# 089404224557**

## KIT902DPUHA



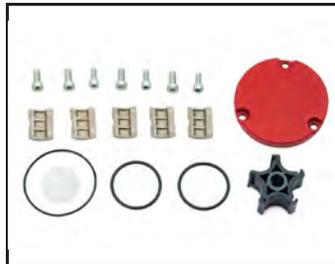
**FR902DPU Handle Assembly**  
Handle assembly for only the FR902DPU meter cabinet  
**UPC# 089404246993**

## KIT812PC



**Power Cable Kit**  
10' power cable, 30 amp fuse to be used with RD8 and RD12 series pumps  
**UPC# 089404224786**

## KIT812RG



**8 GPM Rebuild Kit**  
Rotor, rotor cover, flange screws (4), inlet screen, vanes (5), rotor cover gasket, rotor cover screws (3), flange O-rings (2)  
**UPC# 089404224793**

## KIT812FL



**Single NPT Flange Kit**  
Flange, flange screws (2), flange O-ring, inlet screen  
**UPC# 089404224809**

## KIT812SL



**Seal Kit**  
Rotor cover gasket, flange O-rings (2), flange screws (4), rotor cover screws (3), inlet screen  
**UPC# 089404224816**

## KIT812NH



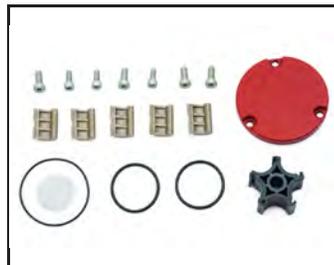
**8 GPM Hose Kit**  
5/8" x 8' NPT Discharge Hose (3/4" NPT fittings), 3/4" x 6' NPT suction hose, PTFE tape  
**UPC# 089404224830**

## KIT812NP



**Bung Mount Kit**  
Telescoping poly suction pipe (23" - 40-1/2"), PTFE tape, screws (2), nuts (2), pipe nipple, double tap bushing, nozzle boot  
**UPC# 089404224823**

## KIT1212RG



**12 GPM Rebuild Kit**  
Rotor, rotor cover, flange screws (4), inlet screen, vanes (5), rotor cover gasket, rotor cover screws (3), flange O-rings (2)  
**UPC# 089404225097**

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

# WARRANTY POLICY



## LIMITED WARRANTY POLICY

Revision Date: July 15, 2025 | Fill-Rite & Sotera Products

Fill-Rite Company (“Manufacturer”) warrants to each consumer buyer of its products (“Buyer”) from date of sale or date of delivery (if later than the date of purchase) that goods of its manufacture (“Goods”) shall be free from defects of materials and workmanship for the “Warranty Durations” specified below.

Because Manufacturer cannot control the quality of Goods sold by unauthorized sellers, this warranty applies only to Goods that were purchased from Manufacturer or a Manufacturer-authorized seller in the United States or Canada, unless otherwise prohibited by law. Manufacturer reserves the right to reject warranty claims for Goods purchased from unauthorized sellers, including unauthorized Internet sites. Except where prohibited by applicable law (which may include the Province of Quebec, Canada), this warranty applies only to the original purchaser of the Goods and is not transferrable.

There are no other warranties which extend beyond those stated herein. **ALL IMPLIED WARRANTIES OR CONDITIONS THAT MAY BE APPLICABLE TO PRODUCTS, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.** Any oral or written description of the Goods is for the sole purpose of identifying the Goods and shall not be construed as an express warranty. Some States or jurisdictions (which may include the Province of Quebec, Canada) do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

### Warranty Durations for Products Purchased July 1, 2019, and After:

SERIES	FROM DATE OF SALE OR DELIVERY TO END USER*	DESCRIPTION
FR1200 Series FR2400 Series FR4200 Series FR4400 Series FR700V Series FR300V Series NX25-120 Series NX25-240 Series NX25-DDC Series FR600 Series	Lifetime	Pump castings are warrantied against material and manufacturing defects for the lifetime of the pump. This warranty excludes paint and corrosion-related issues. Castings include, but are not limited to, motor frames, inlet flanges and bung adapters, junction box covers, motor housings, pump housings, switch plates, and end bells.
	5 Years	The motor and associated components within the pump are warrantied against material and manufacturing defects for a period of 5 years. Motor components include, but are not limited to, magnets, armatures, brush assemblies, thermal protectors, lead wires, circuit boards, and circuit board wiring harnesses.
	2 Years	Wearable components necessary for the proper function of the pump are warrantied from material and manufacturing defects for a period of 2 years. Components include, but are not limited to, seals, gaskets, O-rings, springs, vanes, bypass caps, nozzle boots, switch shaft assembly components, line switches, rotors, rotor covers, and paint**.  **Paint is warrantied for material and manufacturing defects such as adhesion. Normal wear from product use, exposure to the elements and/or chemicals resulting in paint degradation or corrosion are excluded from the warranty.
	1 Year	Accessories included in the package are warrantied from material and manufacturing defects for the period of 1 year. Accessories include, but are not limited to, accessory cabling and cable connectors, elbows, hoses, nozzles, suction tubes, swivels, and anti-siphon kits.
400 Series	5 Years	All components are warrantied from manufacturing or material defects for a period of 5 years.

## Warranty Duration for Products Purchased July 1, 2019, and After Cont.:

SERIES	FROM DATE OF SALE OR DELIVERY TO END USER*	DESCRIPTION
<p style="text-align: center;">Cabinets Hand Pumps FMS Hardware** DEF Systems TN Series TM Series TS Series TT Series 800 Series 900 Series RD Series FR8 Series</p>	2 Years	<p>All pump, cabinet, and meter components are warranted from manufacturing or material defects for a period of 2 years.</p> <p>**FMS Warranty does not include FMIPAD, either separately or within NXFMPED.</p>
<p style="text-align: center;">Accessories, Parts, Standard Duty Pumps (FR1600, SD1200, SD600, SD62, SD11), PetroleumPro Series Pumps, FuelTraveller Series Pumps, TankDefender</p>	1 Year	<p>All components are warranted from manufacturing or material defects for a period of 1 year.</p>

Items not covered under this warranty include, but are not limited to, miscellaneous fasteners, washers, labels, nameplates, rivets, emblems, packaging, Teflon tape, wiring nuts, and documentation. In addition, Buyer waives the right of subrogation against Fill-Rite Company and all its assigns, affiliates, employees, insurers, and underwriters, to the extent permitted by law.

\* Proof of purchase from a Manufacturer-authorized seller required for warranty claims. Without proof of purchase or proof of delivery, the product warranty date code will be used as the warranty period start date. In the European Union, Limited Lifetime Warranty is limited to 10 years.

Please do not return Goods to the store. For all warranty and product questions, contact Fill-Rite Customer Service at 1-800-634-2695. If the Manufacturer requests the return of Goods, the Goods will be redelivered to the Manufacturer in accordance with Manufacturer's instructions FOB Factory at the Manufacturer's expense. Fill-Rite Customer Service will provide an RGA number which the Buyer must note on any Goods returned at the request of Manufacturer.

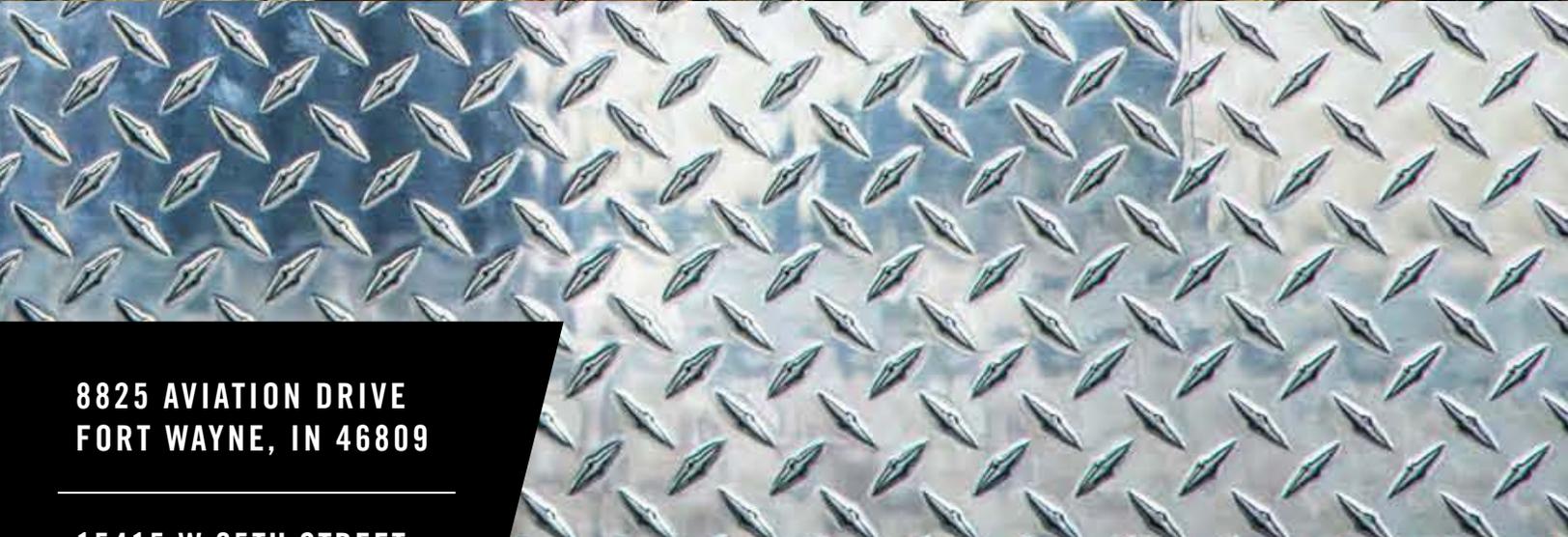
Manufacturer's sole obligation under the foregoing warranties will be limited to either replacing defective Goods (subject to limitations hereinafter provided) or refunding the purchase price for such Goods theretofore paid by the Buyer in the event Manufacturer is unable to provide a replacement and repair is not commercially reasonable or cannot be timely made, and Buyer's exclusive remedy for breach of any such warranties will be enforcement of such obligations of the Manufacturer.

**IN NO EVENT SHALL THE MANUFACTURER'S LIABILITY FOR ANY CLAIM FOR DAMAGES ARISING OUT OF THE MANUFACTURE, SALE, DELIVERY, OR USE OF THE GOODS EXCEED THE PURCHASE PRICE. UNDER NO CIRCUMSTANCES SHALL MANUFACTURER BE LIABLE FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES BASED UPON BREACH OF THIS LIMITED WARRANTY, BREACH OF CONTRACT, OR STRICT LIABILITY.** Some States or jurisdictions (which may include the Province of Quebec, Canada) do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Where any term of this warranty is prohibited by such laws, it shall be null and void, but the remainder of the warranty shall remain in effect.

The foregoing warranties will not extend to Goods subject to misuse, neglect, accident, negligence, or improper installation or maintenance. This warranty does not cover damage due to repair by anyone other than the Manufacturer or its authorized representative. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State and jurisdiction to jurisdiction. The disclaimers, exclusions, and limitations of liability under this warranty will not apply to the extent prohibited by applicable law (which may include the Province of Quebec, Canada). No person may vary the foregoing warranties or remedies, except in writing signed by a duly authorized officer of the Manufacturer. The Buyer's acceptance of delivery of the Goods constitutes acceptance of the foregoing warranties and remedies, and all conditions and limitations thereof.



1 (800) 634-2695 | 1 (800) 720-5192 | [FILLRITE.COM](http://FILLRITE.COM)



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