

FILL-RITE®

A GORMAN-RUPP COMPANY



2025 TECHNICAL CATALOG

FILL-RITE COMPANY



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.

FORT WAYNE, IN

Fill-Rite Fort Wayne
(800) 634-2695

YOUR FLUID TRANSFER PARTNER IN:

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

LENEXA, KS

Fill-Rite Lenexa
(800) 634-2695

MONTERREY, MX

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

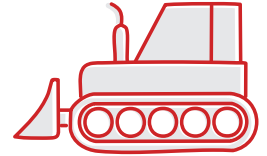
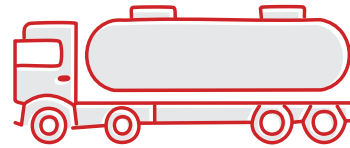
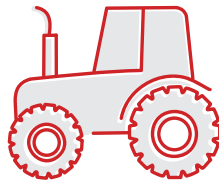


LOCATE A
FILL-RITE
RETAILER OR
DISTRIBUTOR
NEAR YOU

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



ANTIFREEZE



AVIATION LAVATORY FLUID



BIODIESEL (UP TO B20)



BIODIESEL (B21 TO B100)



BIODIESEL (UP TO B100)



BIOFUELS



CHEMICALS



CROP OIL



DE-ICING FLUID



DETERGENTS



DIESEL



DIESEL EXHAUST FLUID (DEF)



ETHANOL BLENDS (UP TO E10)



ETHANOL BLENDS (UP TO E15)



ETHANOL BLENDS (UP TO E85)



ETHYLENE GLYCOL



FERTILIZERS



GASOLINE / PETROL



HEPTANE



HEXANE



KEROSENE



LUBRICANTS



MILD ACIDS



MINERAL SPIRITS



OILS



PESTICIDES



STODDARD SOLVENTS

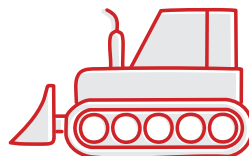
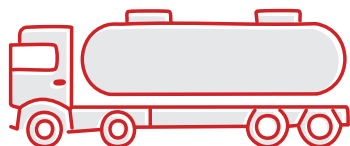
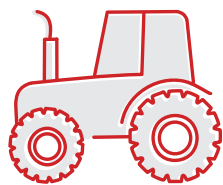


WASTE OILS



WATER

FR FR FR FR
FR FR FR FR



QR CODES

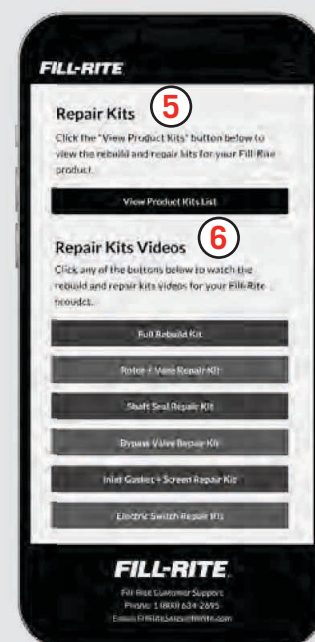
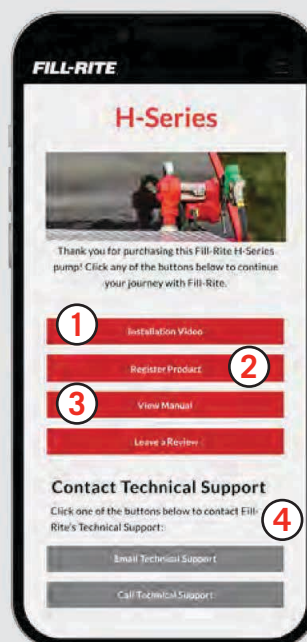
Whether you're out at the job site, at home on the farm, or anywhere in between, all the product info you need is right at your fingertips!

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!

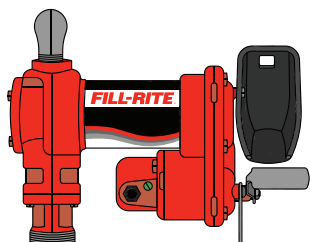


Scan here
to view H-Series
Product Info

- 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.

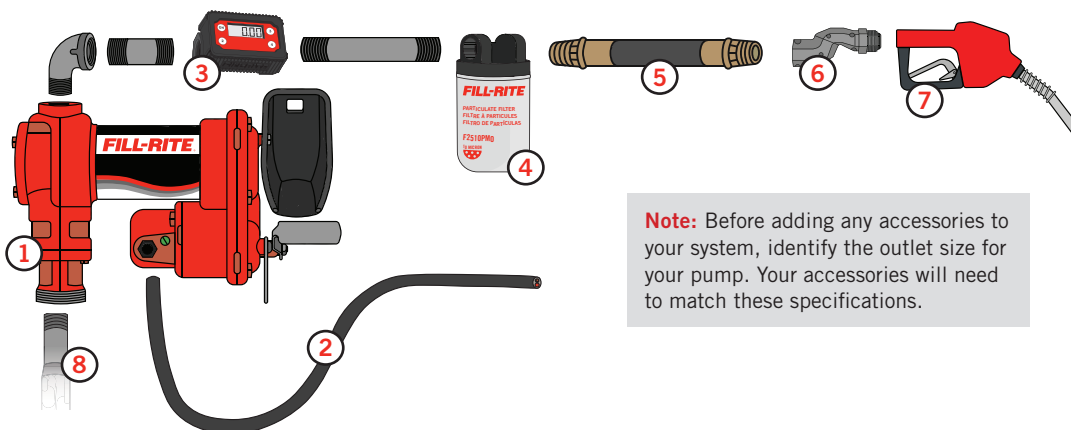
Generally, you'll want a pump with a flow rate that can fill your equipment in 2-4 minutes. Selecting the right performance level leads to one simple question: *how much time do you want to spend refueling?*

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 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 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 4

PICK YOUR FILTER

Filters help protect your vehicles and equipment from particulates, water, rust, and other microbials 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

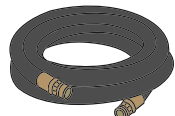
30 MICRON

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'

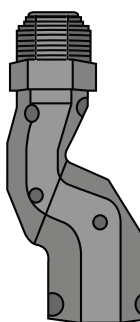
14'

20'*
**Our Most Popular Length*

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.



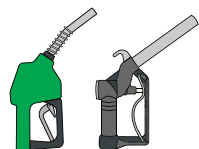
SWIVELS

- ✓ 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

GREEN	Diesel
RED	Gasoline
YELLOW	Kerosene
BLUE	Sub-Zero Temperatures

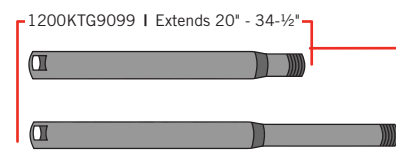
SPOUT SIZES & FUEL TYPES

- Nozzle spouts come in three different sizes, to prevent the accidental cross-fueling of vehicles:
- **13/16" Spout** - Gasoline or Unleaded Vehicles
- **15/16" Spout** - Standard Diesel Vehicles
- **1-3/16" Spout** - Heavy Equipment & Large Vehicles

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

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

14 FR8 SERIES



15 FR1600 SERIES



16 RD SERIES



18 H-SERIES

18 FR1200 SERIES

24 FR2400 SERIES

27 FR4200 SERIES

33 FR4400 SERIES



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	¾" x 12' Hose with Static Ground Wire, ¾" 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

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

RD812NN












RD812NH



RD1212NN



CATALOG DESCRIPTION	Pump Only	Suction Hose, Manual Nozzle	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	DC PUMPS
				AC PUMPS
CATALOG DESCRIPTION	BSPP Threads, Pump Only	BSPP Threads, Pump Only	Suction Hose, Manual Nozzle	NEXTEC
FLOW RATE	8 GPM / 30 LPM	12 GPM / 45 LPM	12 GPM / 45 LPM	FMS
VOLTAGE / AMP RATING (FLA)	12V DC / 14 A	12V DC / 14 A	12V DC / 14 A	HAND PUMPS
DUTY CYCLE	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off	METERS
DISCHARGE HEAD / DISCHARGE PRESSURE	37' / 16 PSI	37' / 16 PSI	37' / 16 PSI	OVAL GEAR METERS
SUCTION LIFT (FT)	6'	6'	6'	CABINET DISPENSERS
INLET THREAD / OUTLET THREAD	0.75" BSPP / 0.75" BSPP	0.75" BSPP / 0.75" BSPP	0.75" NPT / 0.75" NPT	BULK TRANSFER
MOUNTING SIZE, THREAD, & TYPE	Foot Mount / Portable Carry Handle	Foot Mount / Portable Carry Handle	Foot Mount / Portable Carry Handle	ACCESSORIES
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	DEF
COMPATIBLE FLUIDS				KITS
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	

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	DC PUMPS
				AC PUMPS
CATALOG DESCRIPTION	Gasoline Automatic Nozzle	Diesel Automatic Nozzle	Diesel Automatic Nozzle, Filter	NEXTEC
FLOW RATE	15 GPM / 57 LPM	15 GPM / 57 LPM	15 GPM / 57 LPM	FMS
VOLTAGE / AMP RATING (FLA)	12V DC / 20 A	12V DC / 20 A	12V DC / 20 A	HAND PUMPS
DUTY CYCLE	30 min on / 30 min off	30 min on / 30 min off	30 min on / 30 min off	METERS
DISCHARGE HEAD / DISCHARGE PRESSURE	37' / 16 PSI	37' / 16 PSI	37' / 16 PSI	OVAL GEAR METERS
SUCTION LIFT (FT)	8'	8'	8'	CABINET DISPENSERS
INLET THREAD / OUTLET THREAD	1" NPT / 0.75" NPT	1" NPT / 0.75" NPT	1" NPT / 0.75" NPT	BULK TRANSFER
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount	ACCESSORIES
KEY INCLUDED COMPONENTS	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	DEF
COMPATIBLE FLUIDS				KITS
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	

FR1200 SERIES

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

FR1210HARC






FR1220HDSQ



FR1220HDSFQ



CATALOG DESCRIPTION	Automatic Sub-Zero Diesel Nozzle	Diesel Automatic Nozzle, Swivel	Diesel Automatic Nozzle, Filter, Swivel
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	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
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	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
CERTIFICATIONS	cULus	cULus	cULus
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime
UPC	089404248010	089404248591	089404248607

FR1210HEA

21

FR1211HN



FR1211H



FR1211HLN



CATALOG DESCRIPTION	Mechanical Meter (Gallons)	Mechanical Meter (Gallons), Manual Nozzle	Mechanical Meter (Liters)
FLOW RATE	15 GPM	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	807C Mechanical Meter (Gallons), 20" – 34-½" Steel Telescoping Suction Pipe, 2-Wire 12 GA 18' Power Cable	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), 20" – 34-½" Steel Telescoping Suction Pipe, 2-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" / 37 lbs	21.81" x 10" x 19.81" / 33 lbs
CERTIFICATIONS	cULus	cULus	cULus
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime
UPC	089404248485	089404247976	089404248102

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

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

FR2400 SERIES

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OV
AL
GEAR
METERS

CABINET
DISPENSERS

BULK
TRANSFER

ACCESSORIES

DEF

KITS

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

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	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
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

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

FR2400 SERIES

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

FR2411H



FR2411HL



FR2411HEL



FR2411HELA



CATALOG DESCRIPTION	Mechanical Meter (Gallons), Manual Nozzle	Mechanical Meter (Liters), Manual Nozzle	ATEX Motor, Mechanical Meter (Liters), Manual Nozzle	ATEX Motor, Mechanical Meter (Liters), Gasoline Automatic Nozzle
FLOW RATE	15 GPM	57 LPM	57 LPM	57 LPM
VOLTAGE / AMP RATING (FLA)	24V DC / 10 A	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	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 / 0.75" NPT	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	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), 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%	+/- 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	21.81" x 10" x 19.81" / 38 lbs	21.81" x 10" x 19.81" / 23.7 lbs
CERTIFICATIONS	cULus	cULus	ATEX, CE, IECEx, INMETRO	ATEX, CE, IECEx, INMETRO
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime
UPC	089404248164	089404248171	089404248508	089404248515

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

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

FR4210HB



FR4210HD



CATALOG DESCRIPTION	Red Automatic Diesel Nozzle	Green Diesel Automatic Nozzle
FLOW RATE	20 GPM / 75 LPM	20 GPM / 75 LPM
VOLTAGE / AMP RATING (FLA)	12V DC / 19 A	12V DC / 19 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 / 1" NPT	1" NPT / 1" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	1" x 12' Hose with Static Ground Wire, 1" Ultra High-Flow Automatic Diesel Nozzle (Red), 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
COMPATIBLE FLUIDS		
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	15.44" x 10.63" x 18.31" / 37.5 lbs	15.44" x 10.63" x 18.31" / 36.8 lbs
CERTIFICATIONS	cULus	cULus
WARRANTY	Limited Lifetime	Limited Lifetime
UPC	089404247969	089404248553

FR4210HBFQ



Automatic Sub-Zero
Diesel Nozzle

20 GPM / 75 LPM

12V DC / 19 A

30 min on / 30 min off


37' / 16 PSI

8'

1" NPT / 1" NPT

2" NPT Bung Mount

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



21.81" x 10" x 19.81" /
45 lbs

cULus

Limited Lifetime

089404248195

FR4200 SERIES

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

FR4220HDSFQ



FR4205HE



FR4210HE



FR4210HEB



CATALOG DESCRIPTION	Green Automatic Diesel Nozzle, Filter, Swivel	ATEX Motor, BSP Threads, Pump Only	ATEX Motor, Manual Nozzle	ATEX Motor, Gasoline Automatic 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 (Red), 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



CATALOG DESCRIPTION	Mechanical Meter (Gallons), Suction Pipe	Mechanical Meter (Gallons), Manual Nozzle	Digital Meter, Manual Nozzle
FLOW RATE	20 GPM	20 GPM	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	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
ACCURACY	+/- 2%	+/- 2%	+/- 1%
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	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
CERTIFICATIONS	cULus	cULus	cULus
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime
UPC	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



FR4211HEBL



FR4211HEL



CATALOG DESCRIPTION	Mechanical Meter (Liters), Suction Pipe	Mechanical Meter (Liters), Manual Nozzle	ATEX Motor, Mechanical Meter (Liters), Diesel Automatic Nozzle	ATEX Motor, Mechanical Meter (Liters), Manual Nozzle
FLOW RATE	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" 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	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	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" Ultra Hi-Flow Automatic Diesel Nozzle (Red), 20" – 34-½" Steel Telescoping Suction Pipe, 3-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
ACCURACY	+/- 2%	+/- 2%	+/- 2%	+/- 2%
COMPATIBLE FLUIDS				
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	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" / 47lbs	21.81" x 10" x 19.81" / 39 lbs
CERTIFICATIONS	cULus	cULus	ATEX, CE, IECEx, INMETRO	ATEX, CE, IECEx, INMETRO
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime
UPC	089404248270	089404248263	089404248522	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–230V AC power, eliminating worry of burning up motor



AC PUMPS



36 FR600 SERIES



37 FR700 SERIES



42 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	Gasoline Automatic 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 Spout	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

FR710VB



FR713V





CATALOG DESCRIPTION	1" - Diesel Automatic 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 (Red)	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	¾" - 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

FR701V



FR711VA



FR701VLN



CATALOG DESCRIPTION	¾" - Mechanical Meter & Manual Nozzle	1" - Mechanical Meter & Diesel Automatic Nozzle	¾" - Mechanical Meter (Liters)
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 / 0.75" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	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 (Red)	807CL Mechanical Meter (Liters)
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	20.56" x 10.25" x 19.56" / 57.4 lbs
CERTIFICATIONS	cULus	cULus	cULus
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime
UPC	089404006535	089404214404	089404246184

FR701VL



FR701VG



FR701VGL



CATALOG DESCRIPTION	¾" - Mechanical Meter (Liters) & Manual Nozzle	¾" - 230V, NPT Threads - Mechanical Meter & Manual Nozzle	¾" - 230V, NPT Threads - 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

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	Diesel Automatic 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 (Red)	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 & Diesel Automatic 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 (Red), 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

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

FR319VB






FR319VBP



FR311VLN



CATALOG DESCRIPTION	Digital Meter & Diesel Automatic Nozzle	Digital Pulser Meter, Diesel Automatic Nozzle, Intrinsic Safety Barrier	Mechanical Meter (Liters)
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
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	900CD Digital Meter, 1" X 18' UL Listed Hose with Static Ground Wire, 1" Ultra Hi-Flow Automatic Diesel Nozzle (Red)	900CDP Digital Meter with Intrinsically Safe Barrier, 1" X 18' UL Listed Hose with Static Ground Wire, 1" Ultra Hi-Flow Automatic Diesel Nozzle (Red)	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" / 94.1 lbs	22.31" x 12.25" x 19.75" / 83 lbs
CERTIFICATIONS	cULus	cULus	cULus
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime
UPC	089404216576	089404224014	089404224311

FR311VLB






FR311VELMN



FR311VELN



CATALOG DESCRIPTION	Mechanical Meter (Liters) & Diesel Automatic 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 (Red)	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

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

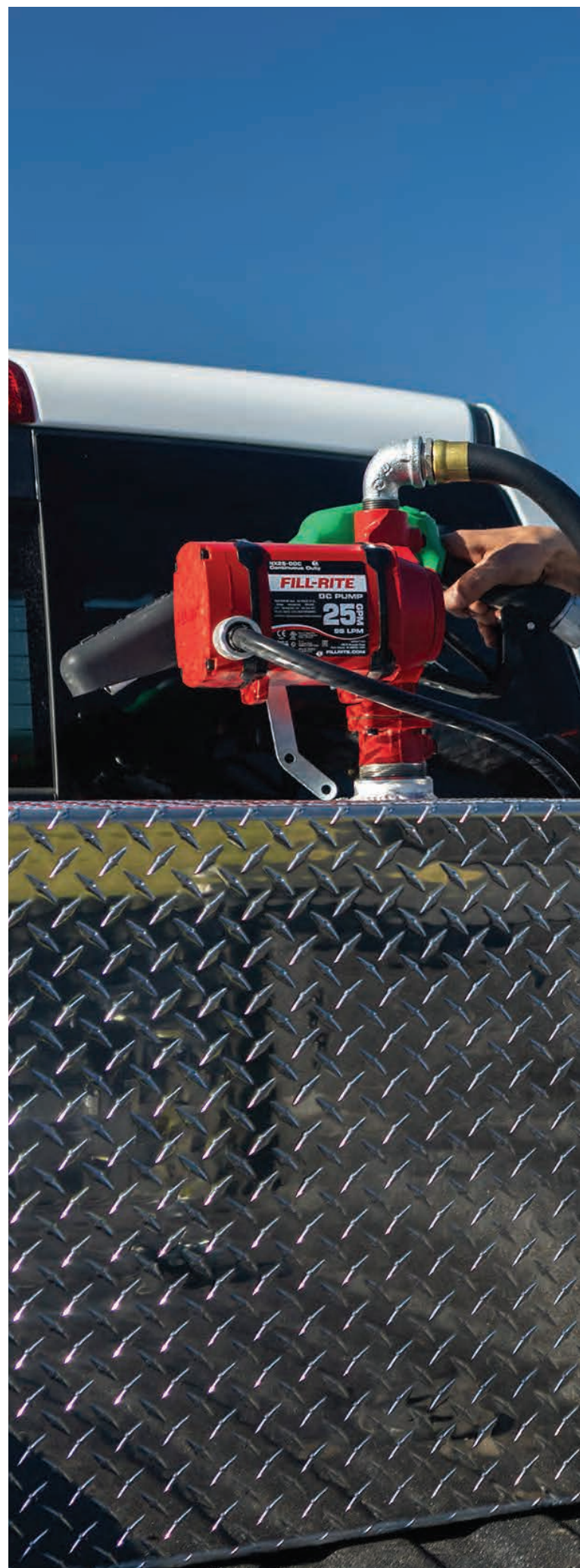
DEF

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 bundled 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





48 NEXTEC SERIES

48 NX25-DDC

51 NX25-120



DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR
METERSCABINET
DISPENSERSBULK
TRANSFER

ACCESSORIES

DEF



KITS

NX25-DDCNB-PX



NX25-DDCNB-AA





CATALOG DESCRIPTION	Bung - NPT Threads, Pump Only	Bung - Diesel Automatic Nozzle
FLOW RATE	25 GPM / 95 LPM	25 GPM / 95 LPM
VOLTAGE / AMP RATING (FLA)	12V/24V DC / 30 A	12V/24V DC / 30 A
DUTY CYCLE	Continuous Duty	Continuous Duty
DISCHARGE HEAD / DISCHARGE PRESSURE	48' / 21 PSI	48' / 21 PSI
SUCTION LIFT (FT)	12'	12'
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	Removable Power Cord with Battery Clips	1" x 18' Hose with Static Ground Wire, 1" Ultra High-Flow Automatic Diesel Nozzle (Red), & Removeable 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
CERTIFICATIONS	cULus, ATEX, IECEx, & CE	cULus
WARRANTY	Limited Lifetime	Limited Lifetime
UPC	089404245477	089404245484

NX25-DDCNF-PX



NX25-DDCNB-AA



CATALOG DESCRIPTION	Foot - NPT Threads, Pump Only	Foot - NPT Threads, Diesel Automatic Nozzle
FLOW RATE	25 GPM / 95 LPM	25 GPM / 95 LPM
VOLTAGE / AMP RATING (FLA)	12V/24V DC / 30 A	12V/24V DC / 30 A
DUTY CYCLE	Continuous Duty	Continuous Duty
DISCHARGE HEAD / DISCHARGE PRESSURE	48' / 21 PSI	48' / 21 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	Removable Power Cord with Battery Clips	1" x 18' Hose with Static Ground Wire, 1" Ultra High-Flow Automatic Diesel Nozzle (Red), & Removeable Power Cord with Battery Clips
COMPATIBLE FLUIDS		
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	19" x 11" x 18.5" / 34 lbs	21.81" x 10" x 19.81" / 50 lbs
CERTIFICATIONS	cULus	cULus, ATEX, IECEx, & CE
WARRANTY	Limited Lifetime	Limited Lifetime
UPC	089404245507	089404245491

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

NX25-DDCBB-PX



NX25-DDCBF-PX



CATALOG DESCRIPTION	Bung - BSP Threads, Pump Only	Foot - BSPP Threads, Pump Only
FLOW RATE	25 GPM / 95 LPM	25 GPM / 95 LPM
VOLTAGE / AMP RATING (FLA)	12V/24V DC / 30 A	12V/24V DC / 30 A
DUTY CYCLE	Continuous Duty	Continuous Duty
DISCHARGE HEAD / DISCHARGE PRESSURE	48' / 21 PSI	48' / 21 PSI
SUCTION LIFT (FT)	12'	12'
INLET THREAD / OUTLET THREAD	1.25" BSPP / 1" BSPP	1" BSPP / 1" BSPP
MOUNTING SIZE, THREAD, & TYPE	2" BSPT Bung Mount	Foot Mount
KEY INCLUDED COMPONENTS	Removeable Power Cord with Battery Clips	Removeable Power Cord with Battery Clips
COMPATIBLE FLUIDS		
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	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
WARRANTY	Limited Lifetime	Limited Lifetime
UPC	089404245514	089404245521

NX25-120NB-PX



NX25-120NB-AA



NX25-120NB-AG



CATALOG DESCRIPTION	Bung - NPT Threads, Pump Only	Bung - Diesel Automatic Nozzle	Bung - Gasoline Automatic Nozzle
FLOW RATE	25 GPM / 95 LPM	25 GPM / 95 LPM	25 GPM / 95 LPM
VOLTAGE / AMP RATING (FLA)	115V AC / 3.5 A	115V AC / 3.5 A	115V AC / 3.5 A
DUTY CYCLE (MIN)	Continuous Duty	Continuous Duty	Continuous Duty
DISCHARGE HEAD / DISCHARGE PRESSURE	48' / 25 PSI	48' / 25 PSI	48' / 25 PSI
SUCTION LIFT (FT)	12'	12'	12'
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 High-Flow Automatic Diesel Nozzle (Red)	¾" x 12' UL Listed Hose with Static Ground Wire, & ¾" Automatic Unleaded Nozzle
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	15.44" x 11.38" x 18.31" / 29 lbs	21.81" x 11.38" x 19.81" / 44 lbs	21.81" x 11.38" x 19.81" / 44 lbs
CERTIFICATIONS	cULus	cULus	cULus
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime
UPC	089404247471	089404247488	089404248874

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

DC PUMPS

AC PUMPS

NEXT-EC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

NX25-120NF-PX



NX25-120NF-AA





CATALOG DESCRIPTION	Foot - NPT Threads, Pump Only	Foot - Diesel Automatic 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 (Red)
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

NX25-120NB-AJ



NX25-120NB-AH



CATALOG DESCRIPTION	Bung - Mechanical Meter (Gallons), Diesel Automatic Nozzle	Bung - Mechanical Meter (Gallons), Gasoline Automatic Nozzle
FLOW RATE	25 GPM	25 GPM
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	1.25" NPT / 1" NPT	1.25" NPT / 1" NPT
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	901C Mechanical Meter (Gallons), 1" x 18' UL Listed Hose with Static Ground Wire, & 1" Ultra High-Flow Automatic Diesel Nozzle (Red)	901C Mechanical Meter (Gallons), 3/4" x 12' UL Listed Hose with Static Ground Wire, & 3/4" Automatic Unleaded Nozzle
ACCURACY (+/- %)	+/- 2%	+/- 2%
REPEATABILITY (+/- %)	+/- 0.25 %	+/- 0.25%
COMPATIBLE FLUIDS		
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	21.81" x 11.38" x 19.81" / 44 lbs	21.81" x 11.38" x 19.81" / 44 lbs
CERTIFICATIONS	cULus	cULus
WARRANTY	Limited Lifetime	Limited Lifetime
UPC	089404248898	089404248881

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

FUEL MANAGEMENT SYSTEM

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



56 FILL-RITE FMS



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**



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



FMPED

Pedestal Only

HARDWARE KITS



NXFMPEDHW

Hardware Kit for NXFMPED



NXFMPEDHW-1

Hardware Kit for FMS Site Controller



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

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

60 PISTON SERIES



61 ROTARY SERIES



63 ECONOMY SERIES

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

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	ATEX, CE, 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

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
METERSCABINET
DISPENSERSBULK
TRANSFER

ACCESSORIES

DEF



KITS











FR112C



FR112CL



CATALOG DESCRIPTION	Nozzle Spout, Gallon Counter, Suction Pipe, Discharge Hose	Nozzle Spout, Liter Counter, Suction Pipe, Discharge Hose
TECHNOLOGY	Rotary Vane	Rotary Vane
FLOW RATE	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
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	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	Litre Counter, 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" / 16 lbs	23.38" x 8.56" x 8.63" / 16 lbs
CERTIFICATIONS	ATEX, CE, UL	ATEX, CE, UL
WARRANTY	2 Years	2 Years
UPC	089404002902	089404002742

	SD62	SD11	FR20V	FRHP32V	FRAP32V
					
CATALOG DESCRIPTION	Economy Rotary Pump	Residential Garden Hose Spout	Economy Piston - Fuels	Economy Piston - Chemicals	Air Operated Pump Only
TECHNOLOGY	Rotary Vane	Piston	Piston	Piston	Pneumatic
VOLUME	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
INLET THREAD / OUTLET THREAD	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
MOUNTING SIZE, THREAD, & TYPE	2" NPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount	2" NPT Bung Mount
KEY INCLUDED COMPONENTS	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
COMPATIBLE FLUIDS					
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	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
WARRANTY	1 Year	1 Year	1 Year	1 Year	1 Year
UPC	089404185179	089404195451	089404004241	089404215012	089404215029

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

FLOW METERS

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



66 800 MECHANICAL METERS



71 900 MECHANICAL METERS



77 IN-LINE DIGITAL TURBINE



79 800 DIGITAL METERS



81 900 DIGITAL METERS



85 TN SERIES METERS



800 SERIES MECHANICAL METERS

DC PUMPS

AC PUMPS

NEXT-EC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

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

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OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

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800 SERIES MECHANICAL METERS

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR
METERSCABINET
DISPENSERSBULK
TRANSFER

ACCESSORIES

DEF

KITS

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



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

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800 SERIES MECHANICAL METERS

DC PUMPS

AC PUMPS

NEXTEC

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HAND PUMPS

METERS

OVAL GEAR
METERSCABINET
DISPENSERSBULK
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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

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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

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900 SERIES MECHANICAL METERS

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

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KITS

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

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


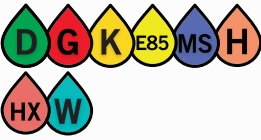



TT10ANC



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	1" NPT / 1" NPT	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

NEXT-EC

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%
REPEATABILITY	+/- 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



CATALOG DESCRIPTION	1" Standard Meter, Fill-Rite	1" Standard Meter, Sotera	1" Air-Sensing Meter, Sotera
TECHNOLOGY	Nutating Disc	Nutating Disc	Nutating Disc
FLOW RATE RANGE	2 - 20 GPM / 8 - 75 LPM	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	0 - 130°F / -18 - 54°C
ACCURACY	+/- 0.5%	+/- 0.5%	+/- 0.5%
REPEATABILITY	+/- 0.25%	+/- 0.25%	+/- 0.25%
DISPLAY DIGITS	4	4	4
INLET SIZE THREAD / OUTLET THREAD	1" NPT / 1" NPT	1" NPT / 1" NPT	1" NPT / 1" NPT
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	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
CERTIFICATIONS	CE	CE	CE
WARRANTY	2 Year	2 Year	2 Year
UPC	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
METERSCABINET
DISPENSERSBULK
TRANSFER

ACCESSORIES

DEF

KITS

825X700



825D075BSPPS



CATALOG DESCRIPTION	1" Meter with EPDM Seals, Sotera	¾" 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	DEF D O MS W P CO DE EG MA	CO DE DEF EG D MA MS O P W F
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
				
CATALOG DESCRIPTION	1" Standard Digital Meter	1.5" Standard Digital Meter	1" BSPT Digital Meter	1.5" BSPT Digital Meter
TECHNOLOGY	Nutating Disc	Nutating Disc	Nutating Disc	Nutating Disc
FLOWRATE RANGE	6 - 40 GPM / 23 - 151 LPM	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	-40 - 140°F / -40 - 60°C
ACCURACY	+/- 1.25%	+/- 1.25%	+/- 1.25%	+/- 1.25%
REPEATIBILITY	+/- 0.25%	+/- 0.25%	+/- 0.25%	+/- 0.25%
DISPLAY DIGITS	4	4	4	4
INLET THREAD / OUTLET THREAD	1" NPT / 1" NPT	1.5" NPT / 1.5" NPT	1" BSPT / 1" BSPT	1.5" BSPT / 1.5" BSPT
COMPATIBLE FLUIDS				
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	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
CERTIFICATIONS	ATEX, cULus, CE	ATEX, cULus, CE	ATEX, cULus, CE	ATEX, cULus, CE
WARRANTY	2 Year	2 Year	2 Year	2 Year
UPC	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

NEXT-EC

FMS

HAND PUMPS

METERS

OVAL GEAR
METERSCABINET
DISPENSERSBULK
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%
REPEATABILITY	+/- 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
METERSCABINET
DISPENSERSBULK
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



CATALOG DESCRIPTION	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
TECHNOLOGY	Nutating Disc	Nutating Disc	Nutating Disc
FLOW RATE RANGE	6 - 40 GPM	0.5 - 10 GPM	0.8 - 15 GPM
OPERATING TEMPERATURE RANGE	-15 - 150°F / -26 - 66°C	-15 - 180°F / -26 - 82°C	-15 - 180°F / -26 - 82°C
ACCURACY	+/- 1%	+/- 1%	+/- 1%
REPEATIBILITY	+/- 0.38%	+/- 0.25%	+/- 0.25%
DISPLAY DIGITS	3	4	4
INLET THREAD / OUTLET THREAD	1" NPT / 1" NPT	1" NPT / 1" NPT	1.5" NPT / 1.5" NPT
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	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
CERTIFICATIONS	N/A	N/A	N/A
WARRANTY	2 Year	2 Year	2 Year
UPC	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



CATALOG DESCRIPTION	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
TECHNOLOGY	Nutating Disc	Nutating Disc	Nutating Disc
FLOW RATE RANGE	6 - 60 GPM	6.0 - 60 GPM	19 - 76 LPM
OPERATING TEMPERATURE RANGE	-15 - 180°F / -26 - 82°C	-15 - 180°F / -26 - 82°C	-15 - 150°F / -26 - 66°C
ACCURACY	+/- 2%	+/- 2%	+/- 1%
REPEATABILITY	+/- 0.25 %	+/- 0.25%	+/- 0.38%
DISPLAY DIGITS	4	4	3
INLET THREAD / OUTLET THREAD	1.5" NPT / 1.5" NPT	1.5" NPT / 1.5" NPT	1" NPT / 1" NPT
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	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
CERTIFICATIONS	CE	CE	N/A
WARRANTY	2 Year	2 Year	2 Year
UPC	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


CATALOG DESCRIPTION	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
TECHNOLOGY	Nutating Disc	Nutating Disc	Nutating Disc
FLOW RATE RANGE	2 - 38 LPM	19 - 76 LPM	2 - 38 LPM
OPERATING TEMPERATURE RANGE	-15 - 180°F / -26 - 82°C	-15 - 150°F / -26 - 66°C	-15 - 180°F / -26 - 82°C
ACCURACY	+/- 1%	+/-1%	+/-1%
REPEATABILITY	+/- 0.25%	+/- 0.38%	+/- 0.25%
DISPLAY DIGITS	4	3	4
INLET THREAD / OUTLET THREAD	1" NPT / 1" NPT	1" BSPT / 1" BSPT	1" BSPP / 1" BSPP
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	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
CERTIFICATIONS	CE	N/A	CE
WARRANTY	2 Year	2 Year	2 Year
UPC	089404100981	089404197158	089404100967

TN760AN1CAB1LAF






TN760AN1CBB1LAF



TN860AN1CAB1LAC



CATALOG DESCRIPTION	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
TECHNOLOGY	Nutating Disc	Nutating Disc	Nutating Disc
FLOW RATE RANGE	4 - 57 LPM	4 - 57 LPM	22 - 209 LPM
OPERATING TEMPERATURE RANGE	-15 - 180°F / -26 - 82°C	-15 - 180°F / -26 - 82°C	-15 - 180°F / -26 - 82°C
ACCURACY	+/- 1 %	+/- 1%	+/- 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" BSPP / 1.5" BSPP	1.5" NPT / 1.5" NPT
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	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
CERTIFICATIONS	CE	CE	CE
WARRANTY	2 Year	2 Year	2 Year
UPC	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





CATALOG DESCRIPTION	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
TECHNOLOGY	Nutating Disc	Nutating Disc	Nutating Disc
FLOW RATE RANGE	22 - 228 LPM	22 - 228 LPM	22 - 228 LPM
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" BSPP / 1.5" BSPP
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	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
CERTIFICATIONS	CE, cULus	CE, cULus	CE, cULus
WARRANTY	2 Year	2 Year	2 Year
UPC	089404217276	089404217306	089404100738

TN860AN1CBB2LBC



TN860AN1CBB2LAC



CATALOG DESCRIPTION	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
TECHNOLOGY	Nutating Disc	Nutating Disc
FLOW RATE RANGE	22 - 228 LPM	22 - 228 LPM
OPERATING TEMPERATURE RANGE	-15 - 180°F / -26 - 82°C	-15 - 180°F / -26 - 82°C
ACCURACY	+/- 2%	+/- 2%
REPEATABILITY	+/- 0.25%	+/- 0.25%
DISPLAY DIGITS	4	4
INLET THREAD / OUTLET THREAD	1.5" BSPP / 1.5" BSPP	1.5" BSPP / 1.5" BSPP
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" / 8.8 lbs
CERTIFICATIONS	CE	CE
WARRANTY	2 Year	2 Year
UPC	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.





94 CUSTODY TRANSFER METERS



96 NON-CUSTODY TRANSFER METERS



97 MODEL NUMBER SPECS

99 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
- NTEP and Measurement Canada approved for DEF custody transfer in the U.S.A.
- 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 Rev 4

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	Fluorocarbon

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 TS06A only - 316SS with carbon bearings	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

EMR⁴ 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 1-½", 2", and 3" are certified in Canada, as well as MID approved. Please consult fillrite.com for specific certificate approved models or contact our Customer Support team.

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



TS15AW04

SPECIFICATIONS

MODEL	CAPACITY ON 1cSt AT 10:1 TURNDOWN		PORT CONNECTIONS	LINEARITY OVER 5:1 TURN-DOWN FROM MAX CAPACITY	LINEARITY OVER 10:1 TURN-DOWN FROM MAX CAPACITY	LINEARITY OVER 30:1 TURN-DOWN FROM MAX CAPACITY
TS15	60 GPM	230 LPM	1.5" 150# RF bolted, FNPT, or BSPP	±0.175%	±0.30%	±0.5%
	14 m³/h					
TS20	150 GPM	570 LPM	2" 150# RF bolted, FNPT, or BSPP	±0.175%	±0.30%	±0.5%
	34 m³/h					
TS30	300 GPM*	760 LPM	AL: 3" 150# RF bolted, FNPT, or BSPP SS: 3" 150# ANSI only	±0.175%	±0.30%	±0.5%
	45 m³/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

PULSER

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

TEMPERATURE RATING

Design -40°F/+275°F = -40°C to +125°C

REPEATABILITY

0.2%

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
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)

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

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	0.3 GPM	1.1 LPM	¼" FNPT or BSPP	±2-3%	±0.25%
	18 GPH	68 LPH			
TM03	3 GPM	11 LPM	⅜" FNPT or BSPP	±1%	±0.25%
	180 GPH	681 LPH			
TM04	10 GPM	38 LPM	½" FNPT or BSPP	±0.5%	±0.175%
	600 GPH	2,271 LPH			
TM06	20 GPM	76 LPM	¾" FNPT or BSPP	±0.5%	±0.175%
	1,200 GPH	4,542 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.

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	TS		
2	15		
3	A	A	Anodized Aluminum
		C	316 Stainless Steel
4	Assembly Number		
5	Flange	A	NPT
		B	BSP
		C	150# ANSI Adapters
6	Register Calibration		
7	Pressure Rating	C	150 PSI (10 BAR)
8	Rotor & Bearing		
9	Drive	M	Mechanical
10	Pulse Output	X	None
		D	10:1 Dry Reed
		S	100:1 Solid State
12	Strainer		
		X	None
		S	Fill-Rite 90° Strainer
13	Basket Mesh		
14	Certification	N	NTEP
		M	MID
		C	Canada

	SIZE	NOMINAL CAPACITY	GPM	GPH	LPM	M³/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

CORE PORTFOLIO	V03*		Meter Only - No Register (Register Ready), Calibrator, RAD Adapter, No Ratio Gear Plate (Distributor to Add)
	V04		Meter Only - Calibrator, RAD Adapter, Ratio Gear Plate, & Register
	V05*		V04 + Strainer
CORE PORTFOLIO	V06		Calibrator, RAD Adapter, Ratio Gear Plate, Register, Strainer, & Air Eliminator
	V07*		V04 + Zero Start Ticket Printer
	V09*		V06 + Zero Start Ticket Printer
CORE PORTFOLIO	V11*		V04 + 2-Stage Preset Counter & Preset Valve
	V13		V06 + 2-Stage Preset Counter & Preset Valve
	V17*		V06 + 2-Stage Preset Counter, Preset Valve, & Zero Start Ticket Printer

*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 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

MATERIAL	
A	Anodized Aluminum
C	316 Stainless Steel

4	Assembly Number
5	Flange

A	NPT
B	BSP
C	150# ANSI Adapters

6	Rotors & Seals
7	Signal Configuration
8	ATEX Gland

VOLT		
T	5-24	TTB
G	5-24	100 PPG SCL
L	5-24	10 PPL SCL
1	5-24	with EMR ⁴ Register

9	Languages
---	-----------

A	ATEX Gland
E	English
S	Spanish
X	Not Applicable

10	Misc. Options
11	Strainer Mesh

S	Standard Strainer
T	Standard Strainer & TW/TP

12	Voltage
----	---------

4	40 Mesh
2	20 Mesh
8	80 Mesh
X	Not Applicable


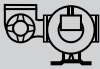
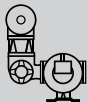





13	Certifications
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N	NTEP
M	MID
C	Canada

SOLENOID	VOLTAGE
12	12 VDC
24	24 VDC
28	110 VAC
22	220 VAC

	SIZE	NOMINAL CAPACITY	GPM	GPH	LPM	M ³ /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

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

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

OVAL GEAR METER OVERVIEW

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 TECHNICAL GUIDE

This technical guide 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

TS20AV13



1 Air Eliminator

2 Strainer

3 Back Pressure Valve

4 RAD with Packaging Gland & Calibrator

5 Preset Valve

6 Preset with Linkage Valve and/or Air Check Valve

7 Register



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

MATERIAL	
A	Anodized Aluminum
C	316 Stainless Steel

4	Assembly Number
5	Flange

A	NPT
B	BSP
C	150# ANSI Adapters

6	Rotors & Seals
7	Signal Configuration
8	ATEX Gland

VOLT		
T	5-24	TTB
G	5-24	100 PPG SCL
L	5-24	10 PPL SCL
1	5-24	with EMR ⁴ Register

9	Languages
---	-----------

A	ATEX Gland
E	English
S	Spanish
X	Not Applicable

10	Misc. Options
11	Strainer Mesh

S	Standard Strainer
T	Standard Strainer & TW/TP

12	Voltage
----	---------

4	40 Mesh
2	20 Mesh
8	80 Mesh
X	Not Applicable



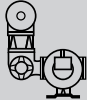





13	Certifications
----	----------------

N	NTEP
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C	Canada

SOLENOID	VOLTAGE
12	12 VDC
24	24 VDC
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	SIZE	NOMINAL CAPACITY	GPM	GPH	LPM	M ³ /H
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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

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

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OVAL GEAR METER OVERVIEW

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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. Accessories

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.

TS20AV13



1 Air Eliminator

2 Strainer

3 Back Pressure Valve

4 RAD with Packaging Gland & Calibrator

5 Preset Valve

6 Preset with Linkage Valve and/or Air Check Valve

7 Register

OVAL GEAR METERS TECHNICAL GUIDE

This technical guide 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



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

102 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.




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

FRPA125

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



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

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

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

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

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

106 FuelTraveller

107 PetroleumPro

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



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

FR-02C3XP75-60HZ1P






FR-02D3XP20-60HZ1P



FR-02K3XP20-60HZ1P



CATALOG DESCRIPTION	Bulk Fuel Transfer Pump	Bulk Fuel Transfer Pump	Bulk Fuel Transfer Pump
TECHNOLOGY	Centrifugal	Centrifugal	Centrifugal
FLOW RATE	95 GPM	125 GPM	120 GPM
VOLTAGE / HP / RPM / HZ	110V AC / ¾ HP / 3450 RPM / 60HZ, 1 IP	110V AC / 2 HP / 3450 RPM / 60HZ, 1 IP	110V AC / 2 HP / 3450 RPM / 60HZ, 1 IP
DUTY CYCLE	Continuous Duty	Continuous Duty	Continuous Duty
MAX PRESSURE / TOTAL HEAD (FT)	28 PSI / 54'	30 PSI / 58'	46 PSI / 90'
INLET THREAD / OUTLET THREAD	2" NPT / 2" NPT Female	2" NPT / 2" NPT Female	2" NPT / 2" NPT Female
FULL LOAD AMPS	11	15.4	23
HOUSING / SEAL / BEARING MATERIAL	Cast Iron / Fluorocarbon / Carbon Steel	Cast Iron / Fluorocarbon / Carbon Steel	Cast Iron / Fluorocarbon / Carbon Steel
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	13" x 16" x 23" / 95 lbs	13" x 16" x 23" / 86 lbs	13" x 16" x 23" / 120 lbs
CERTIFICATIONS	Motor – UL (EXP) Pump – Not Certified	Motor – UL (EXP) Pump – Not Certified	Motor – UL (EXP) Pump – Not Certified
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime
UPC	089404257081	089404257098	089404257104

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR
METERS

CABINET
DISPENSERS

BULK
TRANSFER

ACCESSORIES

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KITS

ACCESSORIES

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

110 NOZZLES

115 HOSES

118 FILTERS

120 SUCTION PIPES

121 POWER CABLE KITS

122 SWIVELS

123 VENT CAPS, BREAKAWAYS,
& WHIP HOSES

DC PUMPS

AC PUMPS

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HAND PUMPS

METERS

OVAL GEAR
METERSCABINET
DISPENSERSBULK
TRANSFER

ACCESSORIES

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KITS

FRHMN075S



FRHMN100S



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

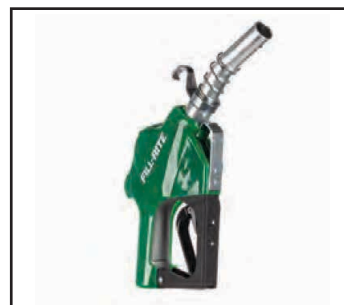
SDN075RAN



SDN075GAN



SDN100GAN



CATALOG DESCRIPTION	¾" Gasoline Automatic Nozzle (Red)	¾" Diesel Automatic Nozzle (Green)	1" Diesel Automatic 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

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HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

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AUTOMATIC NOZZLES

DC PUMPS

AC PUMPS

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HAND PUMPS

METERS

OVAL GEAR
METERSCABINET
DISPENSERSBULK
TRANSFER

ACCESSORIES

DEF

KITS

N075UAU10



N075DAU10





N100DAU12



N100DAU12G



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

N100DAU13G



N100DAU13



N100DAU13Y



CATALOG DESCRIPTION	1" Ultra High-Flow Diesel Automatic Nozzle (Green)	1" Ultra High-Flow Diesel Automatic Nozzle (Red)	1" Ultra High-Flow Diesel Automatic 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

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AUTOMATIC NOZZLES

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR
METERSCABINET
DISPENSERSBULK
TRANSFER

ACCESSORIES

DEF

KITS

FRNA075DAU10






FRNA100DAU00



BDH0707



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

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DC PUMPS

AC PUMPS

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METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF





KITS

FRH07512UL ARCH07520A

FRH10012


FRH10014



CATALOG DESCRIPTION	¾" x 12' / 3.6 mm Fuel Transfer Hose	¾" 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
INLET THREAD / OUTLET THREAD	¾" NPT	¾" NPT	1" NPT	1" NPT
HOSE ID / OD	¾" / 1.1"	¾" / 1.2"	¾" / 1.4"	1" / 1.4"
MAX WORKING PRESSURE	50 PSI / 3.4 bar	50 PSI / 3.4 bar	50 PSI / 3.4 bar	50 PSI / 3.4 bar
PRESSURE DROP	7 PSI @ 20 GPM	20 PSI @ 20 GPM	1 PSI @ 20 GPM	2 PSI @ 20 GPM
OPERATING TEMP. RANGE	-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
ANTI-STATIC WIRE	Yes	Yes	Yes	Yes
CERTIFICATIONS	UL/cUL	N/A	N/A	N/A
COMPATIBLE FLUIDS				
WARRANTY	1 Year	1 Year	1 Year	1 Year
UPC	089404248720	089404249802	089404191095	089404190869

FRH10020 FRH10012UL ARCH10020A H058G9054



CATALOG DESCRIPTION	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
INLET THREAD / OUTLET THREAD	1" NPT	1" NPT	1" NPT	3/4" NPT
HOSE ID / OD	1" / 1.4"	1" / 1.4"	1" / 1.5"	0.63" / 1.0"
MAX WORKING PRESSURE	50 PSI / 3.4 bar	50 PSI / 3.4 bar	50 PSI / 3.4 PSI	50 PSI / 3.4 PSI
PRESSURE DROP	3 PSI @ 20 GPM	1 PSI @ 20 GPM	3 PSI @ 20 GPM	5 PSI @ 20 GPM
OPERATING TEMP. RANGE	-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
ANTI-STATIC WIRE	Yes	Yes	Yes	Yes
CERTIFICATIONS	N/A	UL/cUL	N/A	UL/cUL
COMPATIBLE FLUIDS				
WARRANTY	1 Year	1 Year	1 Year	1 Year
UPC	089404192092	089404248737	089404249819	089404190548

DC PUMPS

AC PUMPS

NEXT-EC

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

	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 Hydrosorb® 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 Hydrosorb® 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" street elbow, 1" street elbow, PTFE tape, (2) 1" to 3/4" reducer bushings	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

Hydrosorb® 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
F1810PC1	W: 4.5" / L: 10.5"	1" – 12 UNF Threads	10 MICRON	Particulate	Gasoline Diesel/ULSD	Goldenrod: 495
F1810HC1	W: 4.5" / L: 10.5"	1" – 12 UNF Threads	10 MICRON	Water Detecting	Gasoline, Diesel/ULSD, & Ethanol Up To 25%	Goldenrod: 495
1200R9146	W: 3" / L: 4.8"	1" – 12 UNF Threads	10 MICRON	Particulate	Gasoline & Diesel/ULSD	Goldenrod: 470-5
1200R0631	W: 3" / L: 4.8"	1" – 12 UNF Threads	10 MICRON	Water Detecting	Gasoline, Diesel/ULSD, & Ethanol Up To 25%	Goldenrod: 496-5



F2510PM0



F2510HM0



F1810PM0



F1810HM0



F2502MGMO



F2510MGMO

Up to 25 GPM (94 LPM)

	DIMENSIONS	THREADS	MICRON RATING	FILTRATION TYPE	FLUID COMPATIBILITY	COMPETITOR EQUIVALENT
F2510PM0	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
F2510HM0	W: 3.8" / L: 5.4"	1" – 12 UNF Threads	10 MICRON	Hydrosorb®	Gasoline & Diesel/ULSD	Cim-Tek: 300HS-10 (#70059 or #72059) / Goldenrod: 596-5
F1810PM0	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)
F1810HM0	W: 3.8" / L: 8.8"	1" – 12 UNF Threads	10 MICRON	Hydrosorb®	Gasoline & Diesel/ULSD	Cim-Tek: 260HS-10 (#70062)
F2502MGMO	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
F2510MGMO	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



F4010PM0



F4030PM0



F4010HM0



F4030HM0

Up to 40 GPM (151 LPM)

	DIMENSIONS	THREADS	MICRON RATING	FILTRATION TYPE	FLUID COMPATIBILITY	COMPETITOR EQUIVALENT
F4010PM0	W: 5.1" / L: 10.9"	1.5" – 16 UNF Threads	10 MICRON	Particulate	Gasoline & Diesel/ULSD	Cim-Tek: 800-10
F4030PM0	W: 5.1" / L: 10.9"	1.5" – 16 UNF Threads	30 MICRON	Particulate	Gasoline & Diesel/ULSD	Cim-Tek: 800-30
F4010HM0	W: 5.1" / L: 10.9"	1.5" – 16 UNF Threads	10 MICRON	Hydrosorb®	Gasoline, Diesel/ULSD, & Ethanol Up To 25%	Cim-Tek: 70063
F4030HM0	W: 5.1" / L: 10.9"	1.5" – 16 UNF Threads	30 MICRON	Hydrosorb®	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

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SUCTION PIPES

DC PUMPS

AC PUMPS

NEXTEC

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HAND PUMPS

METERS

OVAL GEAR
METERSCABINET
DISPENSERSBULK
TRANSFER

ACCESSORIES

DEF

KITS

1200KTG9099



1200KTG7743



KIT812NP



445F1863



CATALOG DESCRIPTION

20" – 34-½"
Telescoping Steel
Suction Pipe

15-¼" – 43" PVC
3-Piece Suction
Pipe

Telescoping Poly
Suction Pipe
23" – 40-½"

28"– 46"
Polypropylene
Telescoping Suction
Pipe with Bellows

MATERIAL OF CONSTRUCTION

Steel

PVC

Polypropylene

Polypropylene

MOUNTING SIZE,
THREAD, & TYPE

1" NPT

1" NPT

1" NPT

1" NPT

TOTAL LENGTH RANGE

20" – 34-½"
(51 – 88 cm)

15-¼" – 43"
(38 – 109 cm)

23" – 40-½"
(58 – 102 cm)

28"- 46"
(71 – 116 cm)

COMPATIBLE FLUIDS



WARRANTY

1 Year

1 Year

1 Year

1 Year




UPC

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	KITS
															
CATALOG DESCRIPTION	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												
LENGTH	18' / 5.4m	20' / 6m	10' / 3m												
GAUGE	12	10	14												
PLUG TYPE	Bare Leads	Quick Attach Plug	Quick Attach Plug												
BATTERY CLIPS INCLUDED	No	Yes	Yes												
WARRANTY	1 Year	1 Year	1 Year												
UPC	089404190678	089404246962	089404224786												

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR
METERSCABINET
DISPENSERSBULK
TRANSFER

ACCESSORIES

DEF

KITS

S075H1314



S100H1315



SD075UL



SD100UL



CATALOG DESCRIPTION

Multi-Plane
¾" SwivelMulti-Plane
1" SwivelUL listed ¾"
Multi-Plane SwivelUL 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



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

BREAKAWAYS

B075F350



B100F475







WHIP HOSES

WH07509



WH10012



CATALOG DESCRIPTION	¾" Breakaway (Not Reusable)	1" Breakaway (Not Reusable)	¾" x 9" Whip Hose	1" x 12" Whip Hose
INLET THREAD / OUTLET THREAD	.75" NPT / .75" NPT	1" NPT / 1" NPT	.75" NPT / .75" NPT	1" NPT / 1" NPT
LENGTH	3.6"	4.8"	9"	12"
COMPATIBLE FLUIDS				
WARRANTY	1 Year	1 Year	1 Year	1 Year
UPC	089404225004	089404225011	089404224984	089404224991

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR
METERSCABINET
DISPENSERSBULK
TRANSFER

ACCESSORIES

DEF

KITS

DIESEL EXHAUST FLUID (DEF)

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



DIESEL EXHAUST FLUID (DEF)

126 DF SERIES

126 DC PUMPS

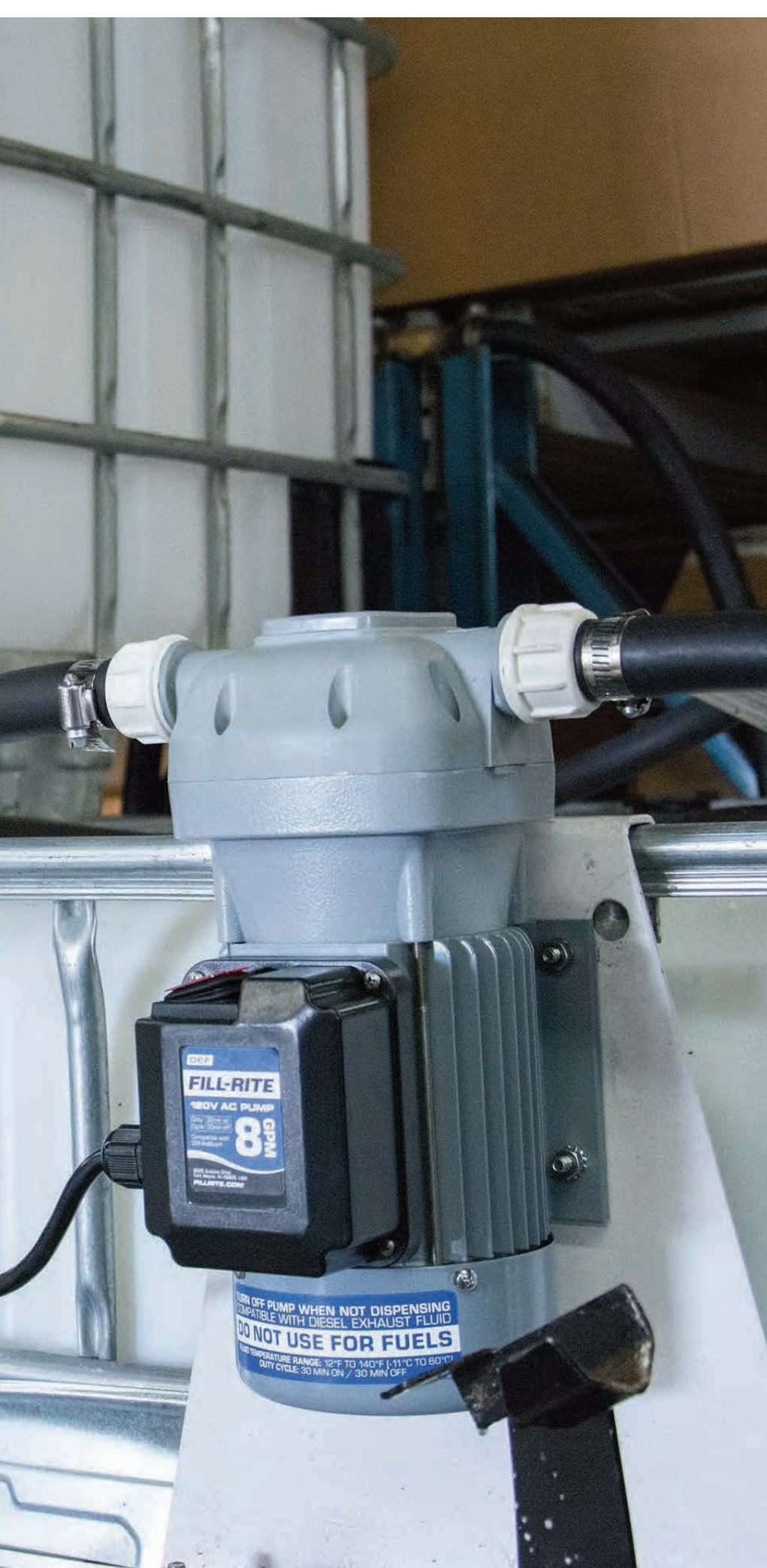
128 AC PUMPS



130 METERS

131 NOZZLES

132 REBUILD KITS, REPLACEMENT PARTS, & ACCESSORIES



DF012N






DF012CAN520



DF012CMN520





CATALOG DESCRIPTION	12V - Pump Only	12V IBC Mount - Automatic Nozzle	12V IBC Mount - Manual Nozzle
FLOW RATE	8 GPM / 30 LPM	8 GPM / 30 LPM	8 GPM / 30 LPM
INPUT VOLTAGE / AMP RATING (FLA)	12V DC / 22 A	12V DC / 22 A	12V DC / 22 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 (FT)	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	N/A	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 with Hose Barbs, 1" PVC Manual Nozzle
COMPATIBLE FLUIDS			
PACKAGE DIMENSIONS (WxHxD) / WEIGHT	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
CERTIFICATIONS	Intertek	Intertek	Intertek
WARRANTY	2 Year	2 Year	2 Year
UPC	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	¾" Hose Barb / ¾" Hose Barb	¾" Hose Barb / ¾" Hose Barb
MOUNTING SIZE, THREAD, & TYPE	IBC Tote Bracket	IBC Tote Bracket
KEY INCLUDED COMPONENTS	¾" x 20' EPDM Hose, ¾" x 5' EPDM Suction Hose, Hose Barbs, 1" Automatic DEF Nozzle (Stainless Steel Spout), RPV Valve	TT10PN Digital Meter, ¾" x 20' EPDM Hose, ¾" 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
METERSCABINET
DISPENSERSBULK
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
METERSCABINET
DISPENSERSBULK
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	DEF W A DI	DEF D W MS O P F C O M A E G DE
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



DESCRIPTION	3/4" Manual DEF Nozzle	3/4" Automatic DEF Nozzle with Integrated Swivel	3/4" DEF Stainless Automatic Nozzle
MAX FLOW RATE	16 GPM / 60 LPM	14 GPM / 53 LPM	10 GPM / 38 LPM
COVER COLOR	Blue	Blue	Blue
INLET SIZE (ID) / SPOUT SIZE (OD)	3/4" Hose Barb / .758"	3/4" Hose Barb / .758"	3/4" BSPP / 3/4"
MAX WORKING PRESSURE	38 PSI	38 PSI	50 PSI
MIN. OPERATION TEMP.	32°F / 0 °C	32°F / 0 °C	-40°F / -40°C
INTEGRAL SPOUT SPRING	No	No	No
AUTOMATIC SHUTOFF	No	Yes	Yes
NUMBER OF LATCH POSITIONS	N/A	3	3
NO-PRESSURE, NO-FLOW FUNCTIONALITY	No	No	Yes
NO-PRESSURE NO-FLOW LIMIT	No	No	Yes
SEAL MATERIAL	FKM	FKM	GFLT & Fluorosilicone
FLUID COMPATABILITY			
CERTIFICATIONS	N/A	N/A	N/A
WARRANTY	1 Year	1 Year	1 Year
UPC	089404245934	089404245941	89404215630

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

MMNM075RPV



Non-metallic RPV Coupler
3/4" Micro Matic non-metallic RPV coupler with hose barb connection
UPC #: 89404245996

MMSS075RSV



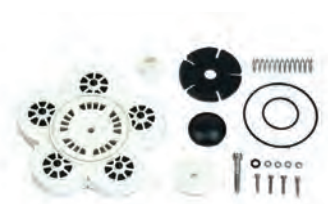
Micro Matic 3/4" RSV Coupler
3/4" Micro Matic stainless steel RSV coupler with a hose barb connection
UPC #: 89404216026

KITDFFK



Fittings
(2) 1" BSPP x 3/4" hose barb strait fittings, (2) 1" BSPP x 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 3/4" Suction Hose
5' x 3/4" EPDM suction hose with bare ends for hose barb connection
UPC #: 89404245927

KITDFH20



EPDM Discharge Hose
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

$\frac{3}{4}$ " x 6' EPDM hose with manual
polypropylene nozzle with stainless
steel spout

UPC #: 89404215043

KITHA32V



Hose with Ball Valve Tap

$\frac{3}{4}$ " 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

Fill-Rite sets 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.





REBUILD KITS & REPLACEMENT PARTS

136 FR8 SERIES

137 FR1200, FR2400, FR4200,
FR4400, & FR6060 SERIES

139 FR700 SERIES

141 FR300 SERIES

142 NEXTEC SERIES

143 HAND PUMP SERIES

144 800 METERS

145 900 METERS

147 TN METERS

148 CABINET DISPENSERS

149 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



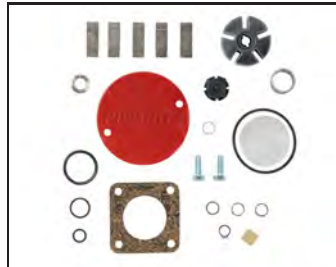
Rebuild Kit (Square Cover) for Series 1200C & 1200D
Rotor, rotor cover gasket, rotor cover, rotor key, bypass valve, bronze vanes spring, O-ring, shaft seal (KIT120SL), inlet gasket/screen, rotor cover bolts
UPC# 089404087398

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

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

BULK TRANSFER

ACCESSORIES

DEF

KITS

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

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

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR METERS

CABINET DISPENSERS

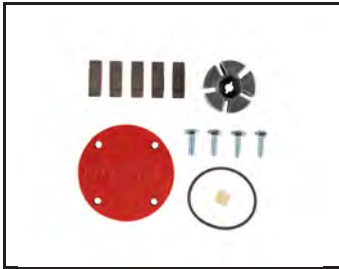
BULK TRANSFER

ACCESSORIES

DEF

KITS

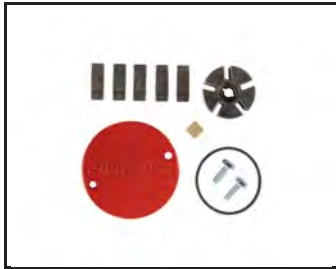
KIT120RGG



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

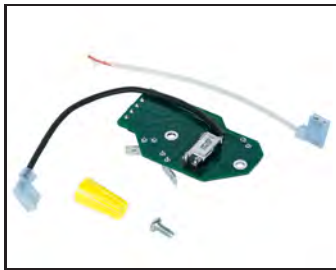
KIT120SWH



Switch Lever Kit (G&H)

Switch lever, lock nut
UPC# 089404248805

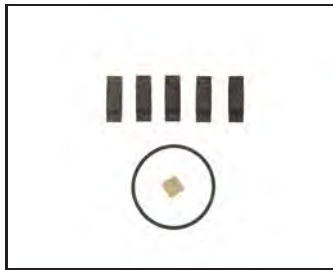
KIT120CBR



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

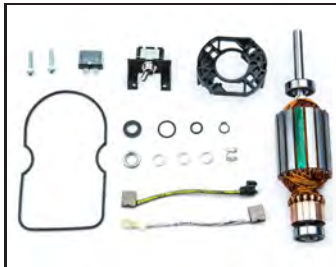
KIT121ARM



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



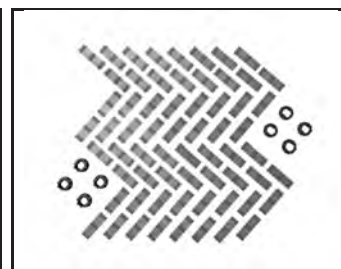
Switch Lever Kit
Switch lever and lock nut
UPC# 089404216156

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

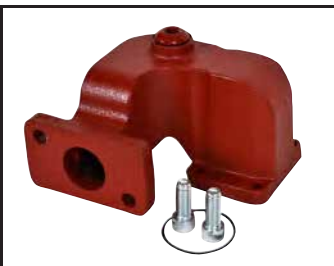


Nozzle Retainer Kit

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

NEXTEC SERIES 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



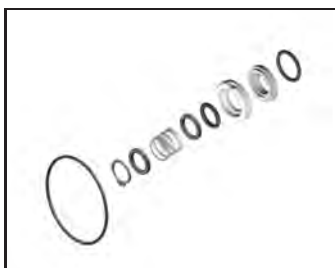
All External Seals Kit
Inlet gasket, inlet screen,
rotor cover gasket
UPC# 089404245668

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

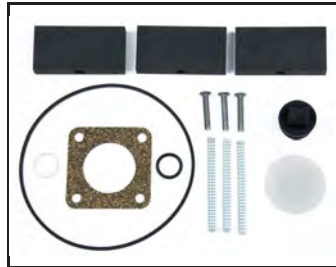
KIT100WGP



Bulk Wood Handle Kit

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

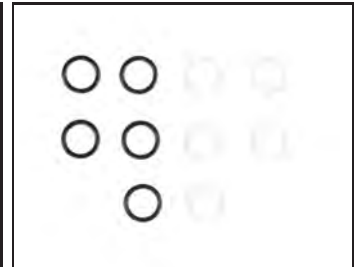
100KTF1214



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

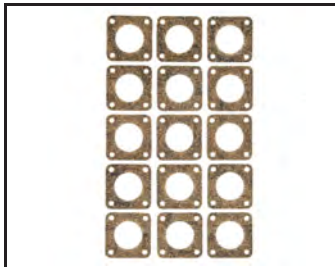
O-rings (5), washers (5)
UPC# 089404222812

KIT120SG



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

KIT100GBP



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

KIT152VB



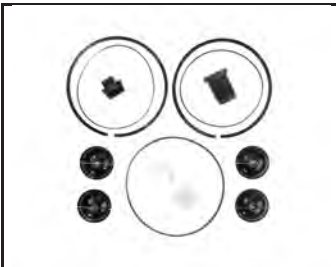
Vacuum Breaker Kit
 Vacuum breaker
UPC# 089404246528

KIT152VBP



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

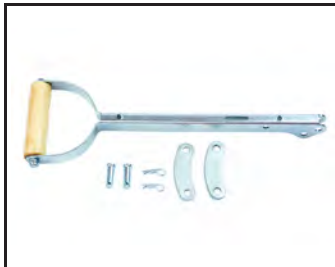
5200KTF1828



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 Gallon 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, drive gear O-ring

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

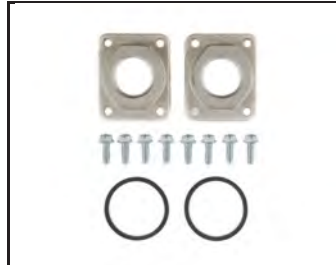


Nickel 1-1/2" NPT Meter Flange Kit

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



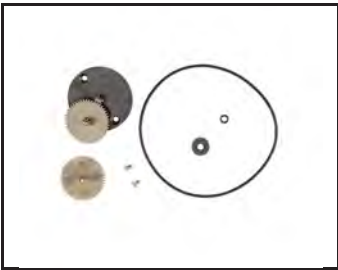
900CDP Electronic Faceplate
Electronic faceplate
assembly
UPC# 089404244586

MC8600



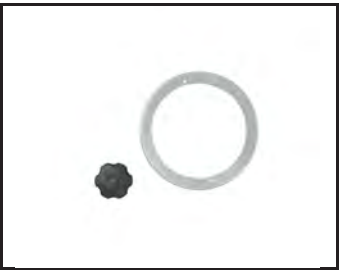
Meter Chamber Assembly Kit
UPC# 089404101896

RK8101



Control Plate Assembly Kit
(fluorocarbon seals)
UPC# 089404102800

RK3700



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

PL5250



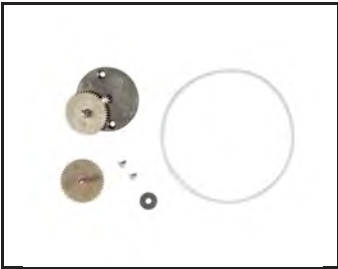
Cover, Gasket and Screws Kit
Clear cover, cover gasket,
screws (2)
UPC# 089404102855

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

KIT902RUFP



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

DC PUMPS

AC PUMPS

NEXTEC

FMS

HAND PUMPS

METERS

OVAL GEAR
METERS

CABINET
DISPENSERS

BULK
TRANSFER

ACCESSORIES

DEF

KITS

KIT305NZ



Universal Nozzle Boot Kit
Universal nozzle boot,
mounting hardware
UPC# 089404215333

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



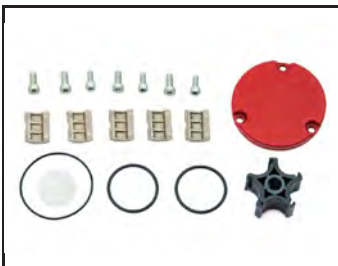
FR902DPU Handle Assembly
Handle assembly for only
the FR902DPU
meter cabinet
UPC# 089404246993

KIT812PC



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

KIT812RG



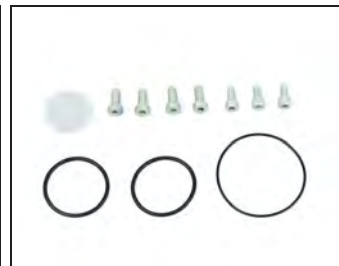
8 GPM Rebuild Kit
Rotor, rotor cover, flange
screws (4), inlet screen,
vanes (5), rotor cover
gasket, rotor cover screws
(3), flange O-rings (2)
UPC# 089404224793

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
 $\frac{5}{8}$ " x 8' NPT Discharge Hose
($\frac{3}{4}$ " NPT fittings), $\frac{3}{4}$ " x 6'
NPT suction hose,
PTFE tape
UPC# 089404224830

KIT812NP



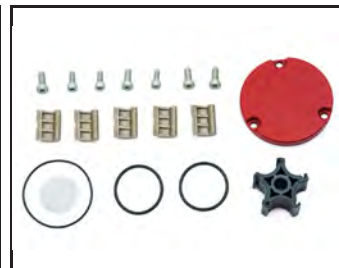
Bung Mount Kit
Telescoping poly suction
pipe (23" - 40- $\frac{1}{2}$ "), PTFE
tape, screws (2), nuts (2),
pipe nipple, double tap
bushing, nozzle boot
UPC# 089404224823

KIT1212NH



12 GPM Hose Kit
 $\frac{3}{4}$ " x 8' Discharge Hose, $\frac{3}{4}$ "
x 6' suction hose, PTFE tape
UPC# 089404225103

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

WARRANTY POLICY



LIMITED WARRANTY POLICY

Revision Date: November 8, 2024 | 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 Duration 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 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.
	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
Cabinets Hand Pumps FMS Hardware** DEF Systems TN Series TM Series TS Series TT Series 800 Series 900 Series RD Series FR8 Series	2 Years	All pump, cabinet, and meter components are warrantied from manufacturing or material defects for a period of 2 years. **FMS Warranty does not include FMIPAD, either separately or within NXFMPED.
Accessories, Parts, PetroleumPro Series Pumps, FuelTraveller Series Pumps, and Standard Duty Pumps	1 Year	All components are warrantied from manufacturing or material defects for a period of 1 year.

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.

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