THE MOST TRUSTED NAME IN PUMPS AND METERS.

This statement is at the core of our brand promise. We work each day to make great products even better, and introduce new technologies to make fuel transfer easier, faster, and safer. Because of this, our bright red pumps are found on more farms and job sites around the world than any other brand.

Over the past few years we have introduced the industry’s first UL listed portable fuel transfer pump for gasoline. We also brought you the industry’s first DC, continuous duty fuel transfer pump, and with it, introduced nextec Intelligence™.

While nobody can predict the future, you can trust Fill-Rite and Tuthill to continue to lead the field in design and technology advancements. We can hardly wait to show you what we have planned for 2019 and beyond.
TUTHILL CORPORATION IS A PRIVATELY HELD GLOBAL MANUFACTURER OF INDUSTRIAL GOODS SPECIALIZING IN ROTATING EQUIPMENT SUCH AS PUMPS, METERS, VACUUM SYSTEMS AND BLOWERS.

From heavy oils to motor fuels, from tomato paste to process gases, from standard pressures to deep vacuums, we move it and measure it with reliability that’s measured in decades. And that’s only part of our story. The rest of our story lives within our people. Our Conscious Company culture attracts and supports the kind of people who understand what our customers want and what they need - the kind of people who listen well and gain trust by following through on each and every commitment they make.

Customers who demand excellence are a gift to us, for it is through their reminders and their encouragement that we will one day grow to be counted among the world’s Top 1% industrial companies.

OUR PURPOSE
WAKE THE WORLD
We invite a powerful aliveness. We make space for hearts - the original pumps - to thrive. When we come alive, the world comes along.

OUR VISION
A LEGION OF LIKE-HEARTED PEOPLE WITH ASTOUNDING IMPACT.
An ingenious company supporting flourishing families and spirited communities

OUR MISSION
MAKING REAL THINGS THAT REALLY MAKE A DIFFERENCE.
From our hearts to our heads to our hands, we dare to make better.

OUR WAY
LIVING OUR COMMON VALUES. CREATING THE UNCOMMON.
A life full of curiosity, clarity, grit, grace, gratitude, and love.

OUR BRAND
IT’S WHO WE ARE, WHAT WE DO, AND WHAT WE SAY.
It all starts with me. Here. Now.

ALL OF US ARE BORN WITH A PUMP INSIDE: OUR HEARTS. AS CHILDREN, THIS ORIGINAL PUMP FUELED OUR DREAMS AND OUR CREATIONS. AS ADULTS, OUR HEARTS CONTINUE TO THUMP, BUT ARE THEY TRULY THRIVING? AT OUR CORE, THE ENERGY IS STILL THERE. WE YEARN TO RELEASE IT – TO OPEN OUR EYES WIDER, REACH OUR ARMS OUT FARTHER, AND DO WHAT MAKES OUR HEARTS BEAT FASTER.

Tuthill has always been a company with heart. In our early days, we made the bricks that helped make Chicago, relying on horses to carry the clay. Some days, the heat and haul were too much for their hearts – and ours – to bear. So we created an oil pump to power a truck, saving our four-legged friends and laying the foundation for our future.

Today, we make pumps, blowers, and vacuums, daring to make them better every day. But the original pump – the heart – is still at our company’s core. We’re on a journey to become a Conscious Company, inviting the entire Tuthill community to come alive in everything we believe, say, and create. And we’re extending that invitation beyond our walls. To have a seismic impact on our world, all hearts are vital. When our hearts are awake, our energy is contagious, and we make ripples that can move millions. The world needs people who are alive from the heart. Because when we come alive, the world comes along.
NX3200 Series Premium Continuous Duty*

Flow 25 GPM (95 LPM)

1 1/4" inlet | 1" outlet
2" NPT or BSPT tank mount, or foot mount
Cast iron pump housing

1/3 HP motor | Rated to -40°F/-40°C
Continuous duty for fuel transfer
30 amp draw | 14' lift (diesel)

Included Accessories

20' removable power cord | 35A fuse w/heavy duty holder | Elbow

NX3204
  W No additional accessories
NX3204F
  W No additional accessories - foot mount configuration (Pictured right)
NX3210B
  W Ultra high flow automatic nozzle (truck stop spout), 18' hose
NX3210FB
  W Ultra high flow automatic nozzle (truck stop spout), 18' hose - foot mount configuration

Included Accessories

6 m CE certified removable power cord

NX3205E
  B Pump only w/power cord
NX3205FE
  B Pump only w/power cord - foot mount configuration

The industry’s first
CONTINUOUS DUTY fuel transfer pump

NEW! 12-24V DC Continuous Duty*
For Gasoline / Diesel / B20 / E-15 / Kerosene

CONTINUOUS DUTY - Transfer fuel all day*
12 TO 24V DC - Accepts a range of DC Power
INTELLIGENT TONES - Indicate where attention is needed
LOWER AMP DRAW - Save battery power and pump life
LIGHTER - Great for mobile tanks, even aluminum
AUTO POWER DOWN - After 20 minutes of inactivity
MAGNETIC SWITCH - Smooth and field replaceable
REMOVABLE POWER CORD - Convenient and safe
IMPROVED SUCTION LIFT - Variable speed motor adjusts to load

nextec Intelligence™ is an exclusive array of design advancements, technologies and user functionalities that take pump performance to unprecedented levels. Intelligent Tones™ inform when attention is needed. A variable speed motor automatically adjusts for peak performance with improved suction lift. More compact, lighter, and less amp draw—it sets a new standard for efficiency.
12V Mobile DC Transfer Pumps
For Gasoline / Diesel / B20 / E-15 / Kerosene

**FR4200 Series Heavy Duty**

**Flow 20 GPM (76 LPM)**
- 1" inlet | 1" outlet
- 2" NPT or BSPT tank mount
- Cast iron pump housing
- 1/4 HP motor | 19 amp draw
- 30-minute duty cycle
- 6.5' suction lift (diesel)

**Included Accessories**
- 12' hose | 18' 12-gauge 2-wire battery cable | 5' ground wire | Telescoping steel suction pipe 20" to 34 1/2" | Elbow

**FR4200G** - Pump, ground wire, elbow, and cable only
**FR4210G** - Manual nozzle
**FR4210GB** - Ultra high flow automatic nozzle (truck stop spout)
**FR4211G** - Manual nozzle, 901C gallon meter
**FR4211GL** - Manual nozzle, 901CL liter meter
**FR4210GFLQ** - 18' hose, Ultra high flow automatic nozzle (truck stop spout), 25' 10-gauge 2-wire battery cable with clamps, 30 micron particulate filter, filter head with hardware
**FR4210GARC** - Arctic 20' hose, Automatic arctic nozzle (leaded spout/blue cover), 3/4" multiplane swivel

**Included Accessories**
- 3.6 m Hose | 5.5 m 3-wire battery cable | 1.5 m ground wire with clip | Telescoping steel suction pipe 51-88 cm

**FR4205GE** - Pump with 3/4" BSPP discharge, 1" BSPP suction port, 2" BSPT tank mount only
**FR4210GE** - Manual nozzle
**FR4210GEA** - Automatic nozzle (unleaded spout/red cover)
**FR4211GE** - Manual nozzle, 807C gallon meter
**FR4211GEL** - Manual nozzle, 807C liter meter
**FR4211GELA** - Automatic nozzle (unleaded spout/red cover), 807C liter meter

**FR1200 Series Heavy Duty**

**Flow 15 GPM (57 LPM)**
- 1" inlet | 3/4" outlet
- 2" NPT or BSPT tank mount
- Cast iron pump housing
- 1/4 HP motor | 20 amp draw
- 30-minute duty cycle
- 6.5' suction lift (diesel)

**Included Accessories**
- 12' hose | 18' 12-gauge 2-wire battery cable | 5' ground wire | Telescoping steel suction pipe 20" to 34 1/2" | Elbow

**FR1204G** - Pump, ground wire, elbow, and cable only
**FR1210G** - Manual nozzle
**FR1210GA** - Automatic nozzle (unleaded spout/red cover)
**FR1210GAI** - Automatic nozzle (leaded spout/green cover)
**FR1211G** - Manual nozzle, 807C gallon meter
**FR1211GL** - Manual nozzle, 807C liter meter
**FR1210GARC** - Arctic 15' Hose, Automatic arctic nozzle (leaded spout/blue cover), 3/4" multiplane swivel

**Included Accessories**
- 3.6 m Hose | 5.5 m 3-wire battery cable | 1.5 m ground wire with clip | Telescoping steel suction pipe 51-88 cm

**FR1205GE** - Pump with 3/4" BSPP discharge, 1" BSPP suction port, 2" BSPT tank mount only
**FR1210GE** - Manual nozzle
**FR1210GEA** - Automatic nozzle (unleaded spout/red cover)
**FR1211GE** - Manual nozzle, 807C gallon meter
**FR1211GEL** - Manual nozzle, 807C liter meter
**FR1211GELA** - Automatic nozzle (unleaded spout/red cover), 807C liter meter

**SD1200 Series Standard Duty**

**Flow 13 GPM (49 LPM)**
- 1" inlet | 3/4" outlet
- 2" NPT tank mount
- Cast iron pump housing
- 1/4 HP motor | 20 amp draw
- 30 minute duty cycle

**Included Accessories**
- 10' hose | 15' 12-gauge 2-wire battery cable | 5' ground wire | 2-piece suction pipe 15 1/4" to 29 1/4" | Elbow

**SD1202G** - Manual nozzle (pictured below)
**SD1202GA** - Automatic nozzle (unleaded spout/red cover)
12V Portable DC Transfer Pumps
For Gasoline / Diesel / B20 / E-15 / Kerosene

The most versatile DC pump available

**RD Portable Series**

**12G Portable Series Heavy Duty**
Flow 12 GPM (45 LPM)
3/4" inlet | 3/4" outlet
Multiple mounting options
Aluminum construction
1/6 HP motor | 14 amp draw
30-minute duty cycle

Included Accessories
3/4" x 8' discharge hose | 6' suction hose | 10' quick connect power cord with battery clips

- RD1212NN N Power cord and pump only
- RD1212NH N Manual nozzle (Pictured below)
- RD1212NP N Manual nozzle, 23"-41" Telescoping suction tube, Nozzle boot, Bung mount tank adapter

Included Accessories
4.5 m quick connect power cord with battery clips

- RD1212BN B Power cord and pump only

Flow 8 GPM (30 LPM)
3/4" inlet | 3/4" outlet
Multiple mounting options
Aluminum construction
1/6 HP motor | 14 amp draw
30-minute duty cycle

Included Accessories
5/8" x 8' discharge hose | 6' suction hose | 10' quick connect power cord with battery clips

- RD812NN N Power cord and pump only
- RD812NH N Manual nozzle (Pictured right)
- RD812NP N Manual nozzle, 23"-41" Telescoping suction tube, Nozzle boot, Bung mount tank adapter

Included Accessories
4.5 m quick connect power cord with battery clips

- RD812BN B Power cord and pump only

**1600 Series Standard Duty**
Flow 10 GPM (38 LPM)
3/4" inlet | 3/4" outlet
Cast iron pump housing
1/5 HP motor | 17 amp draw
30-minute duty cycle

Included Accessories
6' 12-gauge 2-wire battery cable with clips and 30 amp fuse

- FR1612 N No accessories (Pictured right)
- FR1614 N Plastic nozzle, 8' PVC suction and discharge hoses, Inlet strainer, 2 Hose barbs, 4 Hose clamps
- FR1616 N Plastic nozzle, 21"-38 1/2" Poly telescoping suction pipe, 8' Discharge PVC hose, 1 Hose Barb, 2 Hose clamps

Compatible with Diesel fuels only
24V DC Mobile Transfer Pumps
For Gasoline / Diesel / B20 / E-15 / Kerosene

FR2400 Series Heavy Duty
Flow 15 GPM (57 LPM)
1" inlet | 3/4" outlet
1/4 HP motor | 10 amp draw
2" NPT or BSPT tank mount
30-minute duty cycle
Cast iron pump housing
6.5’ suction lift (diesel)

Included Accessories
12’ hose | 18’ 12-gauge 2-wire battery cable | 5’ ground wire | Telescoping steel suction pipe 20” to 34 1/2” | Elbow

FR2404G W Pump, ground wire, elbow, and cable only
FR2410G W Manual nozzle
FR2411G W Manual nozzle, 807C gallon meter (Pictured right)
FR2411GL W Manual nozzle, 807C liter meter

Included Accessories
5.5 m 3-wire battery cable | 1.5 m ground wire with clip

FR4400 Series Heavy Duty
Flow 20 GPM (76 LPM)
1" inlet | 1" outlet
1/4 HP motor | 13 amp draw
2" NPT or BSPT tank mount
30-minute duty cycle
Cast iron pump housing
6.5’ suction lift (diesel)

Included Accessories
12’ hose | 18’ 12-gauge 2-wire battery cable | 5’ ground wire | Telescoping steel suction pipe 20” to 34 1/2” | Elbow

FR4410G W Manual nozzle

Included Accessories
5.5 m 3-wire battery cable | 1.5 m ground wire with clip

FR4405GE W 1” BSPP discharge, 1” BSPP suction port, 2” BSPT tank mount

FR600 Series Heavy Duty
Flow 15 GPM (57 LPM)
1" inlet | 3/4" outlet
1/6 HP motor | 2 amp draw
2" NPT or BSPT tank mount
30-minute duty cycle
Cast iron pump housing
6.5’ suction lift (diesel)

Included Accessories
12’ hose | Telescoping steel suction pipe 20” to 34 1/2” | Elbow

FR604G W Pump only with elbow
FR610G W Manual nozzle
FR610GA W Manual nozzle, unleaded spout/red cover (Pictured right)

Included Accessories
FR604GE B 3/4” BSPP discharge, 1” BSPP suction port, 2” BSPT tank mount
FR610GE W Manual nozzle
FR610GEA W Automatic nozzle (unleaded spout/red cover)

FR4405GE W 1” BSPP discharge, 1” BSPP suction port, 2” BSPT tank mount

FR6400 Series Heavy Duty
Flow 15 GPM (57 LPM)
1" inlet | 3/4" outlet
1/4 HP motor | 10 amp draw
2" NPT or BSPT tank mount
30-minute duty cycle
Cast iron pump housing
6.5’ suction lift (diesel)

Included Accessories
12’ hose | 18’ 12-gauge 2-wire battery cable | 5’ ground wire | Telescoping steel suction pipe 20” to 34 1/2” | Elbow

FR6404G W Pump, ground wire, elbow, and cable only
FR6410G W Manual nozzle
FR6411GL W Manual nozzle, 807C liter meter

Included Accessories
5.5 m 3-wire battery cable | 1.5 m ground wire with clip

FR4405GE W 1” BSPP discharge, 1” BSPP suction port, 2” BSPT tank mount

FR800 Series Standard Duty
Flow 13 GPM (49 LPM)
1" inlet | 3/4" outlet
1/6 HP motor | 2 amp draw
2” NPT tank mount
30-minute duty cycle
Cast iron pump housing

Included Accessories
12’ hose | 3-piece suction pipe 15 1/4” to 43 1/4” | Elbow

SD600G W Manual nozzle

For fixed tanks used in farming or construction
Great emergency response pump
### 115/230V AC Fixed Transfer Pumps

**For Gasoline / Diesel / B20 / E-15 / Kerosene**

**FR700 Series Heavy Duty**

**Flow 20 GPM (75 LPM)**

- **FR700V**: 115V AC power, Manual nozzle
- **FR700VA**: 115V AC power, Automatic nozzle (unleaded spout/red cover)
- **FR700VARC**: 115V AC power, 15° arctic hose, Automatic arctic nozzle (unleaded spout/blue cover), 3/4° multi-plane swivel
- **FR700VG**: 220V AC power, Manual nozzle
- **FR700VN**: 115V AC power, No accessories
- **FR710V**: 115V AC power, Manual nozzle, 807C gallon mechanical meter
- **FR710VARC**: 115V AC power, Automatic nozzle (unleaded spout/red cover), 807C gallon mechanical meter
- **FR710VG**: 220V AC power, Manual nozzle, 807C gallon mechanical meter
- **FR710VGL**: 220V AC power, Manual nozzle, 807CL liter mechanical meter
- **FR710VL**: 115V AC power, Manual nozzle, 807CL liter mechanical meter
- **FR710VB**: 115V AC power, Ultra high flow automatic nozzle (truck stop spout), 1'' outlet
- **FR710VN**: 115V AC power, 1'' outlet, No accessories
- **FR711VA**: 115V AC power, 1'' outlet, Ultra high flow automatic nozzle (truck stop spout), 901C gallon mechanical meter, 18' hose
- **FR711VLA**: 115V AC power, 1'' outlet, Ultra high flow automatic nozzle (truck stop spout), 901CL liter mechanical meter, 18' hose
- **FR711VBD**: 115V AC power, 1'' outlet, Ultra high flow automatic nozzle (truck stop spout), 900CD digital meter
- **FR713V**: 115V AC power, for use with AST remote dispensers (DIESEL ONLY SYSTEM)
- **FR719VB**: 115V AC power, Ultra high flow automatic nozzle (truck stop spout), 900CD digital meter
- **FR719VBP**: 115V AC power, Ultra high flow automatic nozzle (truck stop spout), 900CDP digital meter with integrated pulse output

**Included Accessories**

- 2'' bung adapter | Check valve | Pressure release valve | Strainer | Elbow

#### FR300 Series Heavy Duty

**Flow 35 GPM (132 LPM)**

- 1 1/4'' inlet | 1'' outlet
- 3/4 HP motor | Anti-siphon ready
- Cast iron pump housing
- 18' suction lift (diesel)

**Included Accessories**

- 2'' bung adapter | Check valve | Pressure relief valve | Strainer | Elbow

#### FR300VN

- No accessories (20 GPM/75 LPM, 1/2 HP motor)

#### FR303V

- For use with AST remote pumps (20 GPM/75 LPM, 1/2 HP motor)

#### FR310VARC

- 20° arctic hose, Automatic arctic nozzle (unleaded spout/blue cover)

#### FR310VB

- 18'' hose, Ultra high flow automatic nozzle (truck stop spout)

#### FR310VNH

- No accessories

#### FR311VB

- 18'' hose, Ultra high flow automatic nozzle (truck stop spout), 901C gallon mechanical meter

#### FR311VNH

- No accessories

#### FR311VLN

- 18'' hose, Ultra high flow automatic nozzle (truck stop spout), 901CL liter mechanical meter

#### FR311VNH

- No accessories

#### FR311VEMN

- No accessories

#### FR311VELMN

- 901CL liter mechanical meter

**Included Accessories**

- 2'' bung adapter | Check valve | Pressure relief valve | Strainer | Elbow

#### FR310VEN

- No accessories

#### FR311VELN

- 901CL liter mechanical meter

#### FR310VENN

- No accessories

#### FR311VELMN

- 901CL liter mechanical meter

**115-230V AC Fixed Transfer Pumps**

**For Gasoline / Diesel / B20 / E-15 / Kerosene**

**For fixed tanks used in farming or construction**

**Great emergency response pump**

**Included Accessories**

- 12'' hose | 2'' bung adapter | Check valve | Pressure release valve | Strainer | Elbow

**FR700V**: 115V AC power, Manual nozzle
**FR700VA**: 115V AC power, Automatic nozzle (unleaded spout/red cover)
**FR700VARC**: 115V AC power, 15° arctic hose, Automatic arctic nozzle (unleaded spout/blue cover), 3/4° multi-plane swivel
**FR700VG**: 220V AC power, Manual nozzle
**FR700VN**: 115V AC power, No accessories
**FR710V**: 115V AC power, Manual nozzle, 807C gallon mechanical meter
**FR710VARC**: 115V AC power, Automatic nozzle (unleaded spout/red cover), 807C gallon mechanical meter
**FR710VG**: 220V AC power, Manual nozzle, 807C gallon mechanical meter
**FR710VGL**: 220V AC power, Manual nozzle, 807CL liter mechanical meter
**FR710VL**: 115V AC power, Manual nozzle, 807CL liter mechanical meter
**FR710VB**: 115V AC power, Ultra high flow automatic nozzle (truck stop spout), 1'' outlet
**FR710VN**: 115V AC power, 1'' outlet, No accessories
**FR711VA**: 115V AC power, 1'' outlet, Ultra high flow automatic nozzle (truck stop spout), 901C gallon mechanical meter, 18' hose
**FR711VLA**: 115V AC power, 1'' outlet, Ultra high flow automatic nozzle (truck stop spout), 901CL liter mechanical meter, 18' hose
**FR711VBD**: 115V AC power, 1'' outlet, Ultra high flow automatic nozzle (truck stop spout), 900CD digital meter
**FR713V**: 115V AC power, for use with AST remote dispensers
**FR719VB**: 115V AC power, Ultra high flow automatic nozzle (truck stop spout), 900CD digital meter
**FR719VBP**: 115V AC power, Ultra high flow automatic nozzle (truck stop spout), 900CDP digital meter with integrated pulse output

** Included Accessories**

- 2'' bung adapter | Check valve | Pressure relief valve | Strainer | Elbow

#### FR310VEN

- No accessories

#### FR311VELN

- 901CL liter mechanical meter

#### FR310VENN

- No accessories

#### FR311VELMN

- 901CL liter mechanical meter

**Included Accessories**

- 3.6 m hose | 2'' bung adapter | Check valve | Pressure relief valve | Strainer | Elbow

#### FR700VE

- 230V AC power, Manual nozzle

#### FR700VEL

- 230V AC power, Manual nozzle, 807CL liter mechanical meter

#### FR705VE

- 230V AC power, No accessories

#### FR705VEL

- 230V AC power, Pump only with 807CL liter mechanical meter

#### FR713VE

- 230V AC power, for use with AST remote pumps
115-230V AC Cabinet Systems
For Gasoline / Diesel / B20 / E-15 / Kerosene

Flow 15 GPM (57 LPM)
1 1/4" inlet | 3/4" outlet
2" NPT or BSPT tank mount
Cast iron pump housing
1/3 HP Motor
30-minute duty cycle
Anti-siphon ready

Included Accessories
Nozzle boot | Nozzle retainer
FR702VR N 115V AC, 60 Hz, Manual nozzle, 12' hose, 807C gallon meter
FR702VRU N 115V AC, 60 Hz, 807C gallon meter
(Pictured right)
FR702VRGU N 220V AC, 50/60 Hz, 807C gallon meter
FR702VRLU N 115V AC, 60 Hz, 807CL liter meter

Flow 40 GPM (151 LPM)
1" inlet | 1" outlet
Built-in junction box
Cast iron pump housing
For use with 300 of 700 remote pumps
Can be used with submersible pumps

Included Accessories
FR902C* N 901C gallon meter
FR902CLR* N 901CL liter meter
(Figured right)
FR902CBLU N 115V AC solenoid valve, 901C gallon meter
FR902CLRU N 115V AC solenoid valve, 901CL liter meter

Flow varies per system
50 psi / 3.4 bar
1" outlet
Cast iron pump housing

Included Accessories
Nozzle boot | Nozzle retainer
FR802DPU N 40 GPM (151 LPM), 900CDP digital meter, 115V AC solenoid valve, Hammer arrestor
(Figured above)
FR802DPU* N 26 GPM (98 LPM), 900CDP digital meter, 300 series pump, Hammer arrestor
(DIESEL ONLY SYSTEM)
FR102PHU N 115V AC solenoid valve

Hand Pumps
For Gasoline / Diesel / B20 / E-15 / Kerosene

Piston Hand Pumps
20 Gallons/100 Strokes
1" inlet | 3/4" outlet
Cast aluminum housing
47" suction lift (diesel)

Included Accessories
Vacuum breaker | Telescoping steel suction pipe 20" to 34 1/2"
FR150 N Pump only w/ vacuum breaker
FR151 N Pail spout
FR152 N Nozzle spout, 8' hose
(Pictured right)
FR156 N 807C gallon meter, Nozzle spout, 8' hose

11 Ounces/1 Stroke
1" inlet | Spout outlet
2" NPT bung mount

Included Accessories | Fluid Compatibility | Materials of Construction
FR20V N Polypropylene telescoping suction pipe 19 3/4" to 35 1/2" | Light oils, antifreeze, coolant, hydraulic oils | Polypropylene housing
SD11 N Pail spout, No drip valve, Telescoping steel suction pipe 20" to 34 1/2" | Light oils, antifreeze, hydraulic fluid, diesel, kerosene | Steel housing

Rotary Hand Pumps
10 Gallons/100 Revolutions
1" inlet | 3/4" outlet
Cast aluminum housing
47" suction lift (diesel)

Included Accessories
Vacuum breaker | Telescoping steel suction pipe 20" to 34 1/2"
FR110 N Pump only w/ vacuum breaker
FR112 N Nozzle spout, 8' hose
FR112C N Gallon counter, Nozzle spout, 8' hose
FR112CL N Liter counter, Nozzle spout, 8' hose
FR113 N Pail spout
FILL-RITE®

Accessories
For Gasoline / Diesel / B20 / E-15 / Kerosene

Hoses
- Internal spring guard
- Stainless steel ground wire
- Fuel-resistant Neoprene exterior
- Available in 1" and 3/4" NPT

1" Models
- FRH10012
- 12' | 3.6 m
- FRH10014
- 14' | 4.3 m
- FRH10020
- 20' | 6 m
- FRH10020A
- 20' | 6 m (Rated to -40°F/-40°C)

3/4" Models
- FRH07512
- 12' | 3.6 m
- FRH07514
- 14' | 4.3 m
- FRH07520
- 20' | 6 m
- FRH07515
- 15' | 4.6 m (Rated to -40°F/-40°C)

UL listed Models
- 300F7773
- 1" x 12" | 2.5 cm x 3.6 m
- 790F3135
- 3/4" x 12" | 1.9 cm x 3.6 m

Filters
- Particulate, Hydro sorb® & Aqua
- Increase pump longevity
- Available in 1" and 3/4" NPT
- Suitable for all electric pumps

Particulate, Hydro sorb® & Aqua
- F4030PM0
- Particulate | Up to 40 GPM (151 LPM) | 50 PSI (3.4 bar) | 30 Micron
- F4030PM1
- Particulate | Up to 40 GPM (151 LPM) | 50 PSI (3.4 bar) | 10 Micron
- F1810PM0
- Particulate | Up to 18 GPM (68 LPM) | 50 PSI (3.4 bar) | 10 Micron
- F1810PM1
- Particulate | Up to 18 GPM (68 LPM) | 50 PSI (3.4 bar) | 10 Micron

F1810HMC
- Aqua | Up to 18 GPM (68 LPM) | 50 PSI (3.4 bar) | 10 Micron
- 120KTF7019
- F1810MMO filter w/ 120KTSG075 filter head kit
- 120KTF7018
- F1810MMO filter w/ 120KTSG075 filter head kit
- KIT300FA
- F4030PM0 filter w/ 700ACC7017 filter head kit

Filter Heads
- 700ACC7017
- 1" | 2.5 cm
- 1200KTSG075
- 3/4" | 1.9 cm

Nozzles
- Viton seals and O-rings
- Integral hanging hook
- 50 PSI | 3.4 bar
- Rated to -20°F/-28°C
- Available in 1" and 3/4" NPT

1" Ultra High Flow Automatic Nozzles
- Compatible with gasoline, diesel, E15, biodiesel to B20, and kerosene.
- N100DAU13
- 1" | Red cover | 5-40 GPM (19-150 LPM)
- N100DAU13G
- 1" | Green cover | 5-40 GPM (19-150 LPM)
- N100DAU13Y
- 1" | Yellow cover | 5-40 GPM (19-150 LPM)

Automatic Nozzles
- Compatible with gasoline, diesel, E15, biodiesel to B20, and kerosene.
- N100DAU12
- 1" | Red cover | 5-25 GPM (19-95 LPM)
- N100DAU12G
- 1" | Green cover | 5-25 GPM (19-95 LPM)
- N100DAU12B
- 1" | Blue cover | 5-25 GPM (19-95 LPM) (Rated to -40°F/-40°C)

Manual Nozzles
- Compatible with gasoline and diesel
- F120N1001S
- 1" | Up to 20 GPM (75 LPM)
- F120N675S
- 3/4" | Up to 20 GPM (75 LPM)

Multi-plane Swivels
- 360° rotation | Rated to -40°F/-40°C
- S100H1315
- 1" | 1 x 12" | 1" x 30.5 cm
- S075H1314
- 3/4" | 1/4" x 14" | 3/4" x 35.5 cm

Whip Hoses
- Resistant to cuts, abrasions, & weather
- WH10012
- 3/4" | 9" x 2.5 mm | 3/4" x 22.9 cm

Vent Caps
- FRTC
- Cap only
- FRTC
- Cap w/ 2" (5 cm) base

Breakaways
- Non-reconnectable | Instant closing poppet check valve
- B100F475
- 1" | 1 x 20" to 34 1/2" | 1" x 50.8 cm - 87.6 cm
- B075F350
- 3/4" | 1/4" x 21" to 36" | 1/2" x 53.3 cm - 91.4 cm

Suction Pipes
- Telescoping suction pipes available in metallic and non-metallic
- 120KTS6099
- Steel | 1" x 20" to 34 1/2" | 1" x 50.8 cm - 87.6 cm
- 30F1678
- Polypropylene | 1/2" x 21" to 36" | 1/2" x 53.3 cm - 91.4 cm
TT10 Series In-line Digital Turbine Meters

Flow 2-35 GPM (8-132 LPM)  
+/-1% accuracy  
1" inlet | 1" outlet NPT or BSPP threads  
Impact damage resistance  
User replaceable batteries (2 AA)  
Easy field calibration  
Install in-line, hose-end, or at the pump  

Included Accessories | Additional Compatible Fluids | Materials of Construction

TT10AN  
3/4" reducer bushings (2) | Jet fuel, heptane, gasoline, diesel | Aluminum

TT10ANC  
E85, B100 biodiesel, non-potable water, jet fuel, lavatory water, gasoline, diesel | Nickel-plated aluminum

TT10AB  
Jet fuel, heptane, gasoline, diesel | Aluminum

TT10ABC  
E85, B100 biodiesel, non-potable water, jet fuel, lavatory water, gasoline, diesel | Nickel-plated aluminum

900 Series Digital Meters

Flow 6-40 GPM (23-151 LPM)  
+/-1.25% accuracy rating  
1" | 1.5" inlet-outlet | NPT or BSPT threads  
Memory backup in case of power failure  
Field/factory calibration  
90° movable electronic head  
Powered by 2 AA batteries  

Included Accessories | Inlet/Outlet Size

900CD  
1" inlet/outlet

900CD1.5  
1.5" inlet/outlet

900CD6PFT  
1" inlet/outlet

900CD1.56PFT  
1.5" inlet/outlet

900CDP  
Intrinsically safe barrier, pulse output | 1" inlet/outlet (Pictured right)

900CDP1.5  
Intrinsically safe barrier, pulse output | 1.5" inlet/outlet

900CDP1.56PFT  
Intrinsically safe barrier, pulse output | 1.5" inlet/outlet (Not for explosive atmospheres)

900CDPX  
Pulse output | 1" inlet/outlet (Not for explosive atmospheres)

900CDPX1.5  
Pulse output | 1.5" inlet/outlet (Not for explosive atmospheres)

900CDPX1.5BSPT  
Pulse output | 1.5" inlet/outlet (Not for explosive atmospheres)

FR1118A10  
Meter only

820 Series Nutating Disc Meter

Flow 3-26 GPM (11-98 LPM)  
+/-5% accuracy rating  
1" NPT inlet/outlet  
Measures gallons, liters, quarts, pints  
Protective rubber guard  

FR1118A10  
Meter only

820  
Meter only

Digital Display Meters

For Gasoline / Diesel / Biodiesel / E15 / Kerosene / Heptanes / Stoddard Solvents / Mineral Spirits

A - Arctic Duty  
B - BSPP Threads  
N - NPT Threads  
ATEX

In-line Digital Turbine Meter

For Gasoline / Diesel / Kerosene / Mineral Spirits

+/-1% accuracy rating  
20 factory calibration presets

820 Series Nutating Disc Meter

Compatible with Water, Diesel, and Mild Chemicals

Flow 2-20 GPM (8-76 LPM)  
+/-0.2% accuracy rating  
1" NPT inlet/outlet  
Factory/field calibration  
Powered by 2 AA batteries

FR1118A10  
Meter only
**Mechanical Meters**

*For Gasoline / Diesel / B20 / E15 / Kerosene*

### 4-Wheel Mechanical Meters

**Flow 6-40 GPM - Gallon register**

+/-2% accuracy rating  
Aluminum construction

**Included Accessories | Inlet/Outlet Size**

- 901C W 1” inlet/outlet
- 901C1.5 W 1.5” inlet/outlet
- 901CMK300 W Includes fittings and castings to mount on FR300 series pumps | 1” inlet/outlet
- 901CMK300V W Includes fittings and castings to mount on FR300V and FR700V series pumps | 1” inlet/outlet  
(Pictured above)
- 901CMK4200 W Includes fittings and castings to mount on FR4200, NX3200, and FR710 series pumps | 1” inlet/outlet
- 901CN1.5 W Fluorocarbon seals | 1.5” inlet/outlet  
(Nickel-plated meter also compatible with biofuels)

**Flow 23-151 LPM - Liter register**

+/-2% accuracy rating  
Aluminum construction

**Included Accessories | Inlet/Outlet Size**

- 901CL W 1” inlet/outlet
- 901CL1.5 W 1.5” inlet/outlet
- 901CLMK300 W Includes fittings and castings to mount on FR300 series pumps | 1” inlet/outlet
- 901CLMK300V W Includes fittings and castings to mount on FR300V and FR700V series pumps | 1” inlet/outlet  
(Pictured above)
- 901CLMK4200 W Includes fittings and castings to mount on FR4200, NX3200, and FR710 series pumps | 1” inlet/outlet
- 901CLN1.5 W Fluorocarbon seals | 1.5” inlet/outlet  
(Nickel-plated meter also compatible with biofuels)

### 3-Wheel Mechanical Meters

**Flow 5-20 GPM - Gallon register**

+/-1% accuracy rating  
Aluminum construction

**Included Accessories | Inlet/Outlet Size**

- 806C W 1” inlet/outlet  
(Gravity feed model | Pictured above)
- 807C W 3/4” inlet/outlet
- 807CN W 1” inlet/outlet
- 807CMK W Includes fittings to mount on FR1200, FR2400, FR600, SD600, SD1200, and FR700V series pumps | 3/4” inlet/outlet
- 807CMN W 1” inlet/outlet  
(Nickel-plated meter also compatible with biofuels)

**Flow 0.5-15 GPM (1.5-57 LPM)**

+/-2% accuracy rating  

**Fluid Register | Flow Rate | Inlet/Outlet Size**

*For use with high viscosity lube oils*

- TN740C1.5A1LAI N Liter register | 1.5-40 LPM | 1” | 1.5” NPT or BSPP inlet/outlet
- TN740C1.5A1TAI N Gallon register | 0.5-10 GPM | 1” | 1.5” NPT or BSPP inlet/outlet
- TN740C1.5A1LAI B Liter register | 1.5-40 LPM | 1” | 1.5” NPT or BSPP inlet/outlet  
(Pictured right)
- TN740C1.5A1LAF N Liter register | 1.5-40 LPM | 1” | 1.5” NPT or BSPP inlet/outlet
- TN740CN1.5X418 N 1.5” inlet/outlet  
(Nickel-plated meter also compatible with biofuels)

**Flow 6-60 GPM (23-230 LPM)**

+/-2% accuracy rating  
1.5” NPT or BSPP inlet/outlet  
Max pressure 150 PSI / 10 bar

**Fluid Register | Compatible Fluids**

- TN860AN1CAB2LAC N Liter register | Diesel, biodiesel, jet fuel, kerosene
- TN860AN1CAB2LBC N Liter register | Diesel, biodiesel, jet fuel, kerosene  
(right-to-left flow)
- TN860AN1CAB1LAC N Liter register | Gasoline, water
- TN860AN1CAB1LBC N Liter register | Gasoline, water
- TN860AN1CAB1LAC B Liter register | Diesel, biodiesel, jet fuel, kerosene
- TN860AN1CAB1LBC B Liter register | Diesel, biodiesel, jet fuel, kerosene  
(right-to-left flow)
- TN860AN1CB1LAC B Liter register | Gasoline, water
- TN860AN1CB1LBC B Liter register | Gasoline, water

**Flow 19-76 LPM - Liter register**

+/-1% accuracy rating  
Aluminum construction

**906CL N 1” inlet/outlet**

**3-Wheel Mechanical Meters continued**

**Flow 19-76 LPM - Liter register**

+/-1% accuracy rating  
Aluminum construction

**Included Accessories | Inlet/Outlet Size**

- 806C W 1” inlet/outlet  
(Gravity feed model | Pictured above)
- 807C W 3/4” inlet/outlet
- 807C1 W 1” inlet/outlet
- 807CK W Includes fittings to mount on FR1200, FR2400, FR600, SD600, SD1200, and FR700V series pumps | 3/4” inlet/outlet
- 807CN1 W 1” inlet/outlet  
(Nickel-plated meter also compatible with biofuels)
NEW! Fuel Management System
fillrite.com/fms

EASY AS...
1. Hardware
2. Mobile App
3. Web Portal

Hardware
Low cost, full featured  Constant connectivity Small footprint, big functionality Easy, modular installation 2-year warranty

Fill-Rite FMS hardware is compatible with most existing fuel pumps and meters. Installation is quick and simple and designed to scale with your business needs.

Mobile App
Use devices you already have Secure your pumps Say goodbye to pen and paper Better fuel attribution

The app works with Android and iOS devices you use every day. Fuel access is gated behind driver-specific pin codes, helping protect you from theft and unauthorized transactions.

Web Portal
Customized, automated reports and paperwork Instant visibility into all of your tanks Advanced inventory management Cloud-based software

Fill-Rite’s web portal serves as your all-in-one fuel dashboard. Check inventory, run reports, and manage pump permissions from one place.

Your fuel data is available any time, anywhere, on any computer through your Fill-Rite FMS account. View real-time transactions and push out automatic updates to prevent fraud and control fuel use.

DOWNLOAD THE FREE “FILL-RITE FMS” APP NOW! Try the demo to see just how easy full featured fuel management can be!

NEW! DEF Pump Systems
For Diesel Exhaust Fluid (DEF) / AdBlue® / Water

DEF/ADBLUE® SYSTEMS
FROM THE LEADER
IN FUEL TRANSFER

DF Series - DEF Transfer Systems
Flow 8 GPM (30 LPM)
1" BSPP x 3/4" Hose barb 12V DC or 120V AC systems EPDM seals | Self-priming to 6’

12V DC | Included Accessories
1" x 3/4" Hose barb elbows | 1" x 3/4" Hose barb straight fittings | Worm gear hose clamps

DF012N | No additional accessories
DF012CMN520 | Cage IBC bracket, manual nozzle, nozzle boot, 5' suction hose, 20' discharge hose
DF012CAM520 | Cage IBC bracket, automatic nozzle, nozzle boot, 5' suction hose, 20' discharge hose
DF012CAM520-RP | Cage IBC bracket, automatic nozzle, nozzle boot, RPV dispense coupler, 5' suction hose, 20' discharge hose
DF012CAT520 | Cage IBC bracket, TT10PB meter, automatic nozzle, nozzle boot, RPV dispense coupler, 5' suction hose, 20' discharge hose

120V AC | Included Accessories
1" x 3/4" Hose barb elbows | 1" x 3/4" Hose barb straight fittings | Worm gear hose clamps

DF120N | No additional accessories
DF120CMN520 | Cage IBC bracket, manual nozzle, nozzle boot, 5' suction hose, 20' discharge hose
DF120CAN520 | Cage IBC bracket, automatic nozzle, nozzle boot, 5' suction hose, 20' discharge hose
DF120CAN520-RP | Cage IBC bracket, automatic nozzle, nozzle boot, RPV dispense coupler, 5' suction hose, 20' discharge hose
DF120CAT520 | Cage IBC bracket, TT10PB meter, automatic nozzle, nozzle boot, RPV dispense coupler, 5' suction hose, 20' discharge hose

H - Hose Barb  N - NPT Threads  B - BSPP Threads  A - Arctic Duty
### 400B Series Electric Diaphragm Pumps

**Flow 15 GPM (57 LPM)**

- **12V DC | Included Accessories**
  - 12' EPDM discharge hose | Ball valve | Hose barbs | Hose clamps
  - 10' suction lift

**Included Accessories**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS435BEXPX700</td>
<td>No accessories</td>
</tr>
<tr>
<td>SS445B</td>
<td>9&quot; GemCap, 825 meter, 28.5°-45.5° poly telescoping suction tube w/ bellows, check valve, built-in recirculation valve</td>
</tr>
<tr>
<td>SS445BXP700</td>
<td>9&quot; GemCap, 825 meter, 28.5°-45.5° poly telescoping suction tube w/ bellows, check valve, built-in recirculation valve</td>
</tr>
<tr>
<td>SS445BXP727</td>
<td>9&quot; GemCap, 825 meter, 28.5°-45.5° poly telescoping suction tube w/ bellows, check valve, built-in recirculation valve</td>
</tr>
</tbody>
</table>

### 115V AC | Included Accessories

- 12' EPDM discharge hose | Ball valve | Hose barbs | Hose clamps

**Included Accessories**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS450B</td>
<td>No accessories</td>
</tr>
<tr>
<td>SS460BX674</td>
<td>Nozzle hanger, 23°-40° poly telescoping suction tube</td>
</tr>
<tr>
<td>SS460BX731PG</td>
<td>Bracket on pump, nozzle hanger, 23°-40° poly telescoping suction tube</td>
</tr>
</tbody>
</table>

### 400B Series Continued

**Flow 15 GPM (57 LPM)**

- **12V DC | Included Accessories**
  - 12' EPDM discharge hose | Ball valve | Hose barbs | Hose clamps
  - 10' suction lift

**Included Accessories**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS413BEXPX700</td>
<td>No accessories</td>
</tr>
<tr>
<td>SS415B</td>
<td>No accessories</td>
</tr>
<tr>
<td>SS415BEXPX700</td>
<td>No accessories</td>
</tr>
<tr>
<td>SS415BXP731N</td>
<td>No accessories</td>
</tr>
</tbody>
</table>

**12V DC | Included Accessories**

- 12' EPDM discharge hose | Ball valve | Hose barbs | Hose clamps
- 10' suction lift

**Included Accessories**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS418BCEXP</td>
<td>No accessories</td>
</tr>
<tr>
<td>SS418BEXP700</td>
<td>2&quot; F Camlock coupler w/F threads, 2&quot; x 1&quot; reducer bushing, 39&quot; EPDM hose</td>
</tr>
<tr>
<td>SS418BEXP700</td>
<td>No accessories</td>
</tr>
<tr>
<td>SS418BEXP700</td>
<td>Bracket on pump, no accessories</td>
</tr>
<tr>
<td>SS418BEXP700</td>
<td>Cap and spin-on collar for bump, 23°-40° poly telescoping suction tube</td>
</tr>
<tr>
<td>SS418BEXP700</td>
<td>2&quot; poly street elbow, Monsanto coupler, 23°-40° poly telescoping suction tube, pump support bracket</td>
</tr>
<tr>
<td>SS429B</td>
<td>Nozzle hanger, 23°-40° poly telescoping suction tube</td>
</tr>
<tr>
<td>SS435B</td>
<td>Short frame Chem Traveller, 825 meter, 9&quot; EPDM suction hose, anti-drip tip, 1&quot; F Camlock coupler w/M threads, 1&quot; poly short nipple</td>
</tr>
<tr>
<td>SS435BEXPX700</td>
<td>Short frame Chem Traveller, 825 meter, 9&quot; EPDM suction hose, anti-drip tip, 1&quot; F Camlock coupler w/M threads, 1&quot; poly short nipple</td>
</tr>
<tr>
<td>SS435BEXPX700</td>
<td>Short frame Chem Traveller, 825 meter, 9&quot; EPDM suction hose, anti-drip tip, 1&quot; F Camlock coupler w/M threads, 1&quot; poly short nipple</td>
</tr>
<tr>
<td>SS435BEXPX700</td>
<td>Short frame Chem Traveller, 825 meter, 9&quot; EPDM suction hose, anti-drip tip, 1&quot; F Camlock coupler w/M threads, 1&quot; poly short nipple</td>
</tr>
</tbody>
</table>

### Electric Diaphragm Pumps

**Flow 15 GPM (57 LPM)**

- **12V DC | Included Accessories**
  - 23°-40° steel telescoping suction pipe

**Included Accessories**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>FR405BEXP054</td>
<td>No accessories</td>
</tr>
<tr>
<td>FR410BEXP</td>
<td>Manual nozzle</td>
</tr>
</tbody>
</table>

### 24V DC | Included Accessories

- 12' hose, manual nozzle, 23°-40° steel telescoping suction pipe

**Included Accessories**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>FR205B</td>
<td>No accessories</td>
</tr>
<tr>
<td>FR205BEXP054</td>
<td>No accessories</td>
</tr>
</tbody>
</table>
| FR210B | 12' hose, manual nozzle, 23°-40° steel telescoping suction pipe
TT10 Series In-line Digital Turbine Meters
For DEF / AdBlue / Anti-freeze / De-icing Fluid / Non-Potable Water / Chemicals

Flow 2-35 GPM (8-132 LPM)

++/-1% accuracy rating
1" inlet | 1" outlet NPT or BSPP threads
Impact damage resistance
User replaceable batteries (2 AA)
Easy field calibration | Memory backup
Install in-line, hose-end, or at the pump

TT10PN  N  Engineered polymer meter only
TT10PB  B  Engineered polymer meter only

TT10 Series In-line Digital Turbine Meters
Flow 2-35 GPM (8-132 LPM)
++/-1% accuracy rating
1" inlet | 1" outlet NPT or BSPP threads
Impact damage resistance
User replaceable batteries (2 AA)
Easy field calibration | Memory backup
Install in-line, hose-end, or at the pump

TT10PN  N  Engineered polymer meter only
TT10PB  B  Engineered polymer meter only

In-line Digital Meter
Compatible with DEF / AdBlue / Water / Detergents

Flow 3-26 GPM (11-98 LPM)
++/-5% accuracy rating
1" NPT inlet/outlet
Measures gallons, liters, quarts, pints
Protective rubber guard

FR1118P10  N  Meter only

800 Series Digital Meters
For Pesticides / Fertilizers / Diesel / DEF / AdBlue / Crop, Gear & Motor Oils / Mild Acids / Soaps / Water

Flow 2-20 GPM (7-75 LPM)
++/-0.5% accuracy rating
1" inlet | 1" outlet NPT or BSPP threads
1-step calibration

Glass-filled polypropylene housing
Waterproof, corrosion resistant body

Included Accessories | Max Pressure

825  W  Meter only | 125 PSI (8.6 bar) | (2) AA battery powered
825X700  W  Meter only, EPDM seals | 125 PSI (8.6 bar) | (2) AA battery powered
8250075BSPPS  B  3/4" BSPP threads | 125 PSI (8.6 bar) | (2) AA battery powered
825P  W  4-20 mA analog output, Pulse output, Power and signal cable | 125 PSI (8.6 bar) | (2) Lithium CR2032 batteries
850  W  Meter only | 120 PSI (8.27 bar) | (2) AA battery powered
850P  W  4-20 mA analog output, Pulse output, Power and signal cable | 120 PSI (8.27 bar) | (2) Lithium CR2032 batteries (Pictured below)

Series 850P (Bulk Air Detector Model)
The 850 series meter offers all the great features of the 825, but also incorporates a mass air sensor that distinguishes between fluid and air. As a result, the 850 stops metering when you finish emptying a container, improving the accuracy by not metering the air. The “P” designation in the model number tells you this meter has pulse output, making it an excellent choice for batching, use with FMS and PLC systems, and remote monitoring.
**Hand Pumps**

For Hydraulic, Engine, & Gear Oils / Diesel / Anti-Freeze / Mild Acids / DEF / AdBlue / Degreasers

**Air Operated Hand Pump**
Flow 6.5 GPM (24.6 LPM)
2" NPT bung adapter
100 psi / 6.8 bar max pressure

**Hand Lever Pump**
Flow 11oz/stroke
2" NPT bung adapter
Polypropylene construction

---

**Accessories**

For Hydraulic, Engine, & Gear Oils / Diesel / Anti-Freeze / Mild Acids / DEF / AdBlue / Degreasers

**Mounting Options**

Stainless steel
For totes, drums, and barrels

- KTDFCB Cage IBC bracket, nozzle reservoir w/bracket
- KTDFDB Drum bracket (Pictured below), nozzle reservoir w/bracket
- KIT180MPPS IBC mounting plate

---

**Accessories continued**

**Nozzles**
Stainless steel or Non-metallic construction

- FRDFMD75C DEF manual nozzle
- FRDFMD75B DEF automatic nozzle
- FRDFMD75A Premium DEF automatic nozzle (Stainless steel)
- KITDFMN DEF automatic nozzle with TT10PB meter assembly

**Suction Pipes**

- 3DF1879 N 1/2" x 23" 40 1/2" telescoping poly suction pipe
- 1200KTG7743 N 1" x 43" 3-piece PVC suction pipe
- KIT180DTPS H Non-metallic dispense coupler and suction tube - 3/4" hose barb

**Hoses**

EPDM material
3/4" Bare ends

- KITDFR05 5' / 1.5 m (Suction hose)
- KITDFR20 20' / 6 m

**Misc.**

Accessories to accompany chemical dispensing systems

- KIT505DEF Poly manual nozzle w/stainless steel spout, 8" / 2.4 m hose, 6" / 1.8 m suction hose
- KIT180MPPS Automatic nozzle, 12" / 3.6 m hose, 6" / 1.8 m suction hose, stainless steel mounting plate
- KIT180MAMPS R25 digital meter, automatic nozzle, 12" / 3.6 m hose, 6" / 1.8 m suction hose, stainless steel IBC tote mounting plate
- KITHA32V 8" / 2.4 m hose w/ball valve tap
- KITHA32VMM 8" / 2.4 m hose, polypropylene manual nozzle w/stainless steel spout, hose bracket
- KITDFNB Plastic nozzle reservoir, nozzle reservoir bracket
- MMN075RPV Non-metallic, 4-pin RPV dispense coupler
- MMSS075RSV Stainless steel 4-pin RSV dispense coupler
- MMSS075EPV Stainless steel 3-pin EPV dispense coupler