

Model 311

AC Utility Pumps High flow Series 300

With a flow rate few pumps can match, these pumps provide long life and deliver up to 30 GPM (114 l/min.).

- Explosion-proof UL listed dual voltage 3/4 HP motor (115 and 220/240V AC-60Hz)
- Motor has sealed bearings, heavy-duty switch, and thermal overload protection
- Built-in junction box
- Cast iron pump housing with bronze rotor and carbon vanes
- Check valve, pressure relief valve and strainer assembly
- Automatic bypass valve
- 15 ft. (4.6m) hose with static ground wire
- Manual nozzle
- "Easy mount" 2 in. tank adapter
- Pump may be padlocked

Options

- Explosion-proof UL listed dual voltage 1/2 HP motor (115 and 240V AC-50Hz)
- Explosion-proof UL listed 1/2 or 3/4 HP motor (220/240V AC-50Hz)
- Series 900 meter in gallons/liters
- Pedestal and adapter for use with underground tanks
- Automatic nozzle

FLOW METERS



Model 810P

Series 810P

A combination of old-fashioned convenience and modern technology, the 810P is the ideal solution for today's demanding chemical handling industry. Compact, durable and easy to use, the 810P can accurately track motor oils, diesel fuel, bulk chemicals, herbicides, and a wide range of compatible liquids.

- Just three buttons control all operations
- Can be field calibrated in pints, quarts, liters, U.S. gallons, Imperial gallons or customer defined units
- Accurate within $\pm 0.2\%$ at the point of calibration for field conditions
- Internally protected against data loss when inactive
- Easy to read LCD (Liquid Crystal Display)
- Choice of five 1" NPT inlet/outlet ports for installation flexibility
- Glass-filled polypropylene and stainless steel body
- Powered by two (2) standard AAA batteries (included)

Options

- 120V AC-60Hz adapter (for indoor use)



Model 807A

Model 901

Series 800 & 900

Fill-Rite meters provide precision and durability in a cost-effective design. Both measure fluids at temperatures up to 150°F (63°C) and pressures up to 50 PSI (3.4 bars).

The Series 800 meter's exclusive unicast component mounting configuration assures consistency, particularly in gravity flow applications. The 800 is accurate to within $\pm 1\%$ at 5 to 20 GPM (19 to 76 l/min.). The easily reset register indicates product use up to 999.9 gallons or 9999.9 liters. A master totalizer shows cumulative totals to 99,999.9 gallons or liters.

The Series 900 meter operates at 6 to 40 GPM (23 to 151 l/min.), with accuracy of $\pm 2\%$. The easily reset register indicates product use up to 999.9 gallons or 9,999.9 liters. The master totalizer registers up to 999,999.9 gallons/liters.

- Large, easy-to-read numbers
- Quick reset knob
- Flexible installation flow ports position vertically or horizontally



Unicast mounting configuration improves consistency

Options

- Gallon or liter reading
- 3/4 in. or 1 in. ports (Series 800); 1 in. or 1-1/2 in. ports (Series 900)
- Strainer for gravity-flow applications traps tank contaminants (Series 800)
- Teflon or nickel coatings increase selection of compatible fluids
- BSP Threads



Model FR451

AC Dual Diaphragm Pumps Series 400

This revolutionary pump transfers heavy fluids such as lube and gear oils at up to 13 GPM (49 LPM). The unique design combines the function of an air-operated diaphragm pump with the convenience of electro-mechanical design.

- UL/cUL listed 1/4 HP (115 VAC-60Hz) motor with permanent magnet and ball bearings
- Heavy-duty switch, thermal overload protection and junction box
- Reciprocating, spring-driven, dual diaphragm design optimizes flow rate (Patent #5,219,274)
- Transfers fluid viscosities to 1000+ CPS (SAE 80-90W oil at 31°F)
- Can also transfer particulate fluids
- Self-priming
- Choice of outlet ports for installation flexibility
- Can be set up to safely transfer other industrial fluids and chemicals
- Pump may be padlocked

Options

- Series 800C/820 meters in gallons/liters
- Santoprene® diaphragm for industrial fluids and chemicals
- Wrap around tubular mounting frame
- 230 VAC-50Hz motor



Model FR610

Light Duty 115 Volt AC Pump Series FR600

A light-duty, cost effective pump that will allow you to pump up to 14 GPM (53 LPM) of gas, diesel, and petroleum based products quickly, easily and safely.

- 1/4 HP, 115 VAC-60Hz motor
- Built-in check valve, bypass valve and thermal expansion valve
- UL/cUL listed
- UL listed 12' hose and manual nozzle
- Pump may be padlocked
- Explosion-proof permanent magnet motor
- 30-minute duty cycle/not for continuous operation
- Ball bearing construction, no lubrication required

Options

- Series 800C meter in gallons/liters
- Automatic nozzle
- Machined carbon or bronze vanes
- Series FR650, 1/4 HP, 230 VAC-50Hz with 1" hose (18 GPM/68 LPM)



Model AV311

Aviation Fuel Pumps Series 300

Fill-Rite has introduced two new aviation fueling systems that are raising the bar on aviation pump technology: the AV311 for aviation gas and the JF311 for jet fuel. Both have been designed and manufactured to surpass the stringent requirements of airport management and NFPA 407 standards.

- Flow rate up to 30 GPM (114 LPM)
- Explosion proof UL listed 3/4 HP, 115/230 VAC-60/50Hz motor
- Heavy-duty switch, thermal overload protection and junction box
- Internal check valve, pressure relief valve and strainer assembly
- Compact reel with enclosed retracting grounding cable and heavy-duty clamp
- Water and particulate filter with replaceable cartridges
- 1/2 micron rated filters

Avgas (Model AV311): Aircraft fueling nozzle including strainer, dust cap and grounding cable

Jet Fuel (Model JF311): Aircraft fueling nozzle with special flared nozzle end including strainer, dust cap and grounding cable.

Options

- Series 300, 1/2 HP, 115/230 VAC-60/50Hz Motor

AC & DC UTILITY PUMPS



Model 1210

DC Rotary Vane Pumps Series 1200 12 Volt Series 2400 24 Volt

This industry standard DC pump dispenses up to 12 GPM (46 l/min.). The pump weighs less than 27 pounds (12.2kg) with hose and nozzle, and has a draw that's easy on the DC power source.

- Explosion-proof UL listed 1/4 HP motor with permanent magnet and ball bearings
- Heavy-duty switch, thermal overload protection and junction box
- Heavy-duty 3-wire battery cable
- Automatic bypass valve
- Built-in check valve and strainer
- 12 ft. (3.7m) hose with static ground wire
- Manual nozzle with holder that protects against dirt and contamination
- 2 in. base for tank openings
- Telescoping steel suction pipe from 22" to 40" (56cm to 102cm)
- Pump may be padlocked

Options

- Series 800 meter in gallons/liters
- Automatic nozzle



Model 410

DC Diaphragm Pumps Series 400 12 Volt Series 200 24 Volt

A unique, new pump that can consistently transfer heavy fluids – such as lube and gear oils – at up to 13 GPM (50 l/min.).

- Explosion-proof UL listed 1/4 HP motor with permanent magnet and ball bearings
- Heavy-duty switch, thermal overload protection and junction box
- Heavy-duty 3-wire battery cable
- Reciprocating spring-driven, dual diaphragm design (patent pending) optimizes flow rate
- Transfers fluid viscosities up to 1000+cps (SAE 80-90W oil at 31°F)
- Can also transfer particulate fluids
- Self-priming
- Choice of outlet ports for installation flexibility
- Can be set up to safely transfer other industrial fluids and chemicals
- Pump may be padlocked

Options

- Series 800/810P meters in gallons/liters
- Zurcon® diaphragm for industrial fluids and chemicals



Model FR700

AC Utility Pumps Series 700B

These rugged, positive displacement, economy pumps are UL listed and deliver flow rates up to 18 GPM (69 l/min.).

- Explosion-proof UL listed 1/3 HP motor (115V AC-60Hz) with sealed bearings
- Heavy-duty switch, thermal overload protection and junction box
- Carbon rotor vanes and ceramic/carbon seal reduce wear and repair expense
- Integral check valve with pressure relief on outlet side reduces pressure drop and improves vertical lift
- Easily removable strainer assembly
- Automatic bypass valve
- 12 ft. (3.7m) hose with static ground wire
- Nozzle boot holds manual (standard) or automatic nozzle
- "Easy-mount" 2 in. tank adapter
- Pump may be padlocked

Options

- Explosion proof UL listed 1/3 HP motor (220/240V AC-50/60Hz)
- Series 800 meter in gallons/liters
- Pedestal and adapter for use with underground tanks
- Automatic nozzle

HAND PUMPS



Model 31

Quart Stroke Pumps Series 30

Reliable pumps that accurately dispense a quart or liter with each handle rotation. Standard swing return drain tube eliminates messy work area.

- Heavy-duty cast iron
- Rack and pinion pump design
- Easy calibration for accurate quart or liter measurement
- Can be used with oils or other non-corrosive liquids
- 2 in. base for drum opening
- Telescoping suction pipe extends from 22" to 40" (56cm to 102cm)
- Pump may be padlocked

Options

- Shutoff spigot with small fill tube
- Covered drip pan and strainer



Covered drip pan and strainer



Model FR152

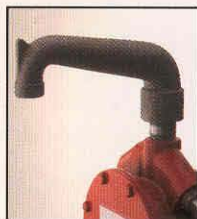
Piston Hand Pumps Series 5200

This compact, high flow, dual-action design delivers up to 20 gallons (76 l) per 100 strokes. Lightweight and portable, with a variety of options, these pumps meet a full range of applications. Ideal for gasoline, oil, or a wide variety of approved liquids.

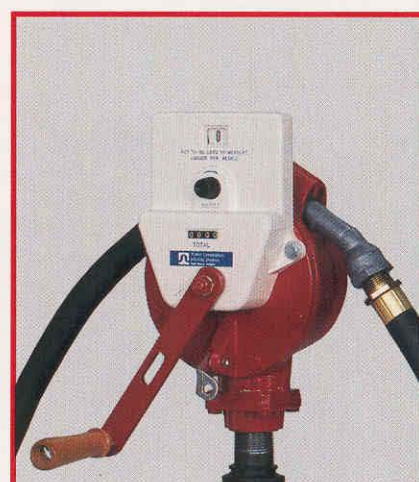
- Lightweight cast aluminum
- Stainless steel inner liner
- Reversible pump flow
- "Easy-mount" 2 in. tank adapter
- Telescoping suction pipe extends from 22" to 40" (56cm to 102cm)
- Anti-siphoning device
- Pump may be padlocked

Options

- Series 800 flow meter
- Gooseneck spout and pail hook
- UL listed models



Gooseneck spout with pail hook



Model 112C

Rotary Hand Pumps Series 100

Especially effective with medium viscosity liquids, as well as oils, gasoline and diesel fuels, the rotary action of these easy to use pumps allows smooth, continuous transfer at up to 10 gallons (38 l) per 100 revolutions.

- Lightweight cast aluminum
- Built-in check valve and strainer
- "Easy-mount" 2 in. tank adapter
- Telescoping suction pipe extends from 22" to 40" (56cm to 102cm)
- Anti-siphoning device
- Pump may be padlocked



Cast iron rotor with spring loaded carbon vanes

Options

- Series 800 flow meter or 20 gallon (76 l) counter
- Gooseneck spout and pail hook
- UL listed models