

**HAND PUMPS**



Tough. Reliable. Long-lasting. Fill-Rite hand pumps deliver fluids quickly and easily. Whether you're transferring gasoline, oil or diesel, select from a variety of Fill-Rite hand pumps. You'll appreciate the trouble-free performance of these rugged hand pumps.

No matter what your fuel transfer needs are, Fill-Rite has the right products—Heavy Duty, Standard Duty, or Economy Duty pumps and meters.

**H Heavy Duty**  
Two Year Warranty



**Model FR31 & FR43**  
Quart or Pint Stroke Pump  
Series 30



**Model FR37 & FR38**  
Gallon or Quart Volumetric Hand Pump  
Series 30



**Model FR112**  
Rotary Hand Pump  
Series 100



**Model FR112C**  
Rotary Hand Pump with Counter  
Series 100



**Model FR152**  
Piston Hand Pump  
Series 5200



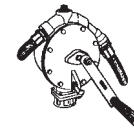
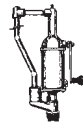
**Model FR20**  
Piston Drum Pump  
Series 20



**TUTHILL**  
Transfer Systems

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**Manufacturer of Quality:**  
Hand Pumps • DC/AC Fuel Pumps • Aviation Fuel Systems • Flow Meters • Cabinet Pumps



<i>Hand Pumps</i>	<b>FR20 &amp; FR20V</b>	<b>Series 30</b>	<b>Model 37 &amp; 38</b>	<b>Series 100</b>	<b>Series 5200</b>
<b>Features</b>	<b>Piston Drum Pump</b>	<b>Stroke Pump</b>	<b>Volumetric Hand Pump</b>	<b>Rotary Hand Pumps</b>	<b>Piston Hand Pump</b>
Construction	Polypropylene body	Cast iron housing & steel sleeve	Polypropylene body	Aluminum body w/ cast iron rotor	Aluminum body w/ stainless steel liner
Rate of flow	Approx. 11 oz per stroke	1 Qt or L – Model 31 1 Pint – Model 43	1 Qt or L – Model 38	10 Gallons (38L) per 100 revolutions	20 Gallons (76L) per 100 strokes
Gallon models available	—	—	Yes – Model 37	—	—
Field calibration	—	Yes – Model 31	—	—	—
Threaded tank adapter	2" NPS	2" NPT	2" NPS	2" NPT	2" NPT
Inlet	1" NPT	1/2" NPT	1" NPT	1" NPT	1" NPT
Outlet	3/4" Dia. tube	Outlet tube	1" NPT	3/4" NPT	3/4" NPT
Approvals	—	—	—	UL	UL
Anti-siphoning valve	—	—	—	Yes	Yes
Check valve and strainer	Yes	Check valve only	Check valve only	Yes	Yes
Pump may be padlocked	—	Yes	—	Yes	Yes
Pump can be set-up for reverse flow	—	—	—	Yes	Yes
Highly accurate measurement	—	Yes	Yes	—	—
Adaptable for drums, kegs and storage tanks	Yes	Yes	Yes	Yes	Yes

### Available Options

Shut-off valve bottle fill tube	—	Yes – Model 34	—	—	—
Covered drip pan / strainer	—	Yes – Model 34	—	Yes – Model 114	—
Series 800C meter (Gallon or Liter)	—	—	—	Yes	Yes
20 Gallon (76 Liters) counter	—	—	—	Yes	—
Counter for volumetric measurement (Gallon or Liter)	—	—	Yes	—	—
Gooseneck spout and pail hook	—	—	—	Yes – Model 113, 114	Yes – Model FR151
Wall mount bracket	—	—	—	Yes	—
Buttress threaded adapter	Yes	—	Yes	—	—
Support kit for poly drum mounting (Model 37 only)	—	—	Yes	—	—
Telescoping steel suction pipe – 1/2" NPT	—	30F5301	—	—	—

### Box Contents

Telescoping steel suction pipe – 1" NPT	—	—	—	Yes	Yes
Telescoping polypropylene suction pipe	1" Diameter	1/2" Diameter	1" Diameter	—	—
Nozzle and U/L hose with static wire	—	—	—	3/4" x 8' (2.4 m)	3/4" x 8' (2.4 m)

### Applications

Compatible fluids (Not to be used with fluids that have a flash point of 100°F or less.)	Engine oils, anti-freeze, gear oils, hydraulic oils (Use at room temperature)	Gear and lube oil, anti-freeze and non-corrosive petroleum-based fluids	Hydraulic fluids, lube and motor oil and petroleum solvents	Gasoline, diesel fuel, light oils, and most non-corrosive petroleum based fluids	Gasoline, diesel fuel, light oils, and most non-corrosive petroleum based fluids
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