

## AC FUEL TRANSFER PUMPS



Ideal for stationary installations, such as tank or barrel mounting. With Fill-Rite products you get the accuracy, durability and reliability that you demand. You can find the right pump for your application for the right price from the complete family of Fill-Rite AC Fuel Transfer 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.

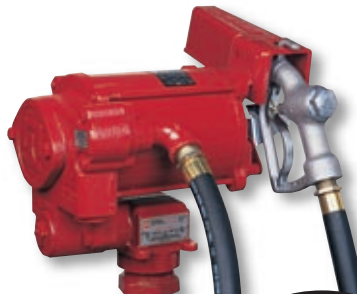
### **H** Heavy Duty Two Year Warranty



**Model FR610C 15 GPM**  
AC Rotary Vane Pump Series FR600



**Model FR611C 15 GPM**  
AC Rotary Vane Pump Series FR600



**Model FR700 20 GPM**  
AC Utility Rotary Vane Pump Series 700B



**Model FR701 20 GPM**  
AC Utility Rotary Vane Pump Series 700B



**Model FR310 35 GPM**  
AC Utility High Flow Rotary Vane Pump Series 300



**Model FR311 35 GPM**  
AC Utility High Flow Rotary Vane Pump Series 300



**Model FR450 13 GPM**  
AC Diaphragm Pump Series 450



**Model FR451 13 GPM**  
AC Diaphragm Pump Series 450

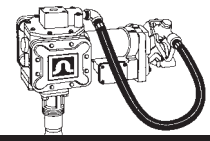
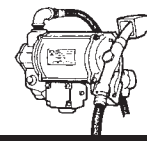
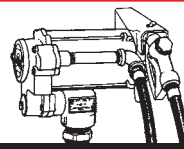
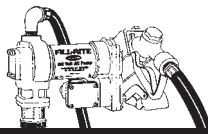


**TUTHILL**  
Transfer Systems

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**Manufacturer of Quality:**

Hand Pumps • DC/AC Fuel Pumps • Aviation Fuel Systems • Flow Meters • Cabinet Pumps



**AC Fuel Transfer Pumps**

**Series FR600C**

**Series 700**

**Series 300**

**Series 450**

Features	115 Volt AC Pump	115 Volt AC High Flow Pump	115 Volt Super High Flow Pump	115 Volt AC Diaphragm Pump
Construction – pump housing	Cast Iron	Cast Iron	Cast Iron	Polypropylene
Explosion-proof motor with ball bearings	1/4 HP	1/3 HP	1/2 HP & 3/4HP	1/4 HP
AC / hertz	115 Volt - 60Hz	115 Volt - 60Hz	Dual Voltage 115/230 VAC 50-60Hz	115 Volt - 60Hz
Maximum flow rate with factory-provided hose and nozzle	15 GPM (57 LPM)	20 GPM (76 LPM)	3/4 HP: 35 GPM (132 LPM) 1/2 HP: 20 GPM (76 LPM)	13 GPM (49 LPM)* (Dependent on viscosity)
Thermal overload protection	Yes	Yes	Yes	Yes
Rotor composition	Iron	Iron	Iron	N/A
Spring driven diaphragm	—	—	—	Yes
Bypass valve and built-in strainer	Yes	Yes	Yes	Not required
Inlet	1" NPT	1" NPT	1 1/2" NPT	1" NPT
Outlet	3/4" NPT	3/4" NPT	1" NPT	1" NPT
Tank adapter	2" NPT	2" NPT	2" NPT	2" NPT
Approvals	UL, cUL Listed	UL, cUL, CSA Listed	UL, cUL, CSA Listed	UL, cUL (motor)
Integral check valve	Yes	Yes	Yes	No
Pump may be padlocked	Yes	Yes	Yes	—
Nozzle boot to protect from dirt	Yes	Yes	Yes	Yes
Machined carbon vanes	Yes	Yes	Yes	N/A
Duty cycle	30 minute	30 minute	30 minute	30 minute

**Available Options**

Series 800 (gallons or liters)	Yes	Yes	—	Yes
Series FR820 digital meter	—	—	—	Yes
Series 900 meter (gallons or liters)	—	—	Yes	—
Automatic nozzles and nozzle hangers	Yes	Yes	Yes	—
Ball valve nozzle for chemicals	—	—	—	Yes
Pedestal for underground tanks	—	Yes	Yes	—
Santoprene diaphragm for increased chemical compatibility	—	—	—	Yes
230 Volt AC Explosion Proof Motor	Series FR650-X661, 50Hz with 1" hose, CE Marked (18 GPM/LPM)	Model 700G UL listed 1/3 HP motor (230 VAC - 50/60Hz)	Standard	Model FR450E 1/4HP motor (230 VAC - 50Hz)
Australian and EX approved models available	Yes	Yes	Yes	—

**Box Contents**

Telescoping steel suction pipe	Yes	Yes	Yes	Yes
U/L hose with static wire	3/4" x 12' (3.7m)	3/4" x 12' (3.7m)	1" x 12' (3.7m)	1" x 12' (3.7m)
Nozzle	3/4" manual	3/4" manual	1" manual	3/4" manual

**Applications**

Compatible fluids (Not to be used with fluids that have a flash point of 100°F or less.)	Diesel fuel, gasoline, kerosene, mineral spirits, stoddard solvent and heptane	Diesel fuel, gasoline, kerosene, mineral spirits, stoddard solvent and heptane	Diesel fuel, gasoline, kerosene, mineral spirits, stoddard solvent and heptane	Ethylene glycol, diesel fuel, hydraulic oil, kerosene, grease, motor oil, water**
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\*Flow rate changes based on fluid viscosity \*\*Not to be used with fluids that have a flash point of 100°F or less.



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