

BIODIESEL FUEL TRANSFER PUMPS



Fill-Rite's line of biodiesel compatible fuel transfer pumps make it possible to pump today's alternative fuel – biodiesel (B21 to B100) with the same accuracy, durability and reliability you've come to expect from Fill-Rite. DC and AC models are available to meet most application needs.

H Heavy Duty
Two Year Warranty

BIODIESEL
B21 to B100 Compatible
Must meet ASTM D6754 Standards



Model BD1210C Up to 15 GPM

DC Rotary Vane Biodiesel Pump
Series BD1200C



Model BD4210D Up to 20 GPM

DC High Flow Biodiesel Pump
Series BD4200D



Model BD700 Up to 20 GPM

AC Utility Rotary Vane Biodiesel Pump
Series BD700



Model BD310 Up to 35 GPM

AC Utility High Flow Rotary Vane
Biodiesel Pump
Series BD310



Model BD807CMK

3-Wheel Mechanical Biodiesel Meter
Series BD800



Model BD901MK

4-Wheel Mechanical Biodiesel Meter
Series BD900



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

Biodiesel Fuel Transfer Pumps	Series BD1200C	Series BD4200D	Series BD700	Series BD310
Features	12 Volt DC Rotary Vane Pump	12 Volt Dc High Flow Pump	115 Volt AC High Flow Pump	115 Volt Super High Flow Pump
Warranty	2 years	2 years	2 years	2 years
Construction – pump housing	Cast Iron	Cast Iron	Cast Iron	Cast Iron
Maximum flow rate with factory-provided hose and nozzle	Up to 15 GPM (57 LPM)	Up to 20 GPM (76 LPM)	Up to 20 GPM (76 LPM)	Up to 3/4 HP: 35 GPM (132 LPM)
Rotor composition	Iron	Iron	Iron	Iron
Explosion-proof motor with 2 sealed ball bearings	1/4 HP	1/4 HP	1/3 HP	3/4 HP
Amp draw from battery	20 Amp	22 Amp		
AC/hertz	—	—	115 volt - 60Hz	Dual Voltage 115/230 VAC 50-60Hz
Thermal overload protection	Yes	Yes	Yes	Yes
Inlet	1" NPT	1" NPT	1" NPT	1 1/2" NPT
Outlet	3/4" NPT	1" NPT	3/4" NPT	1" NPT
Tank adapter	2" NPT	2" NPT	2" NPT	2" NPT
Pump may be padlocked	Yes	Yes	Yes	Yes
Machined carbon vanes	Yes	Yes	Yes	Yes
Duty cycle	30 minute	30 minute	30 minute	30 minute
Internal bypass valve	Yes	Yes	Yes	Yes
Built-in strainer	Yes	Yes	Yes	Yes
Nozzle hanger to protect from dirt	Yes	Yes	Yes	Yes
Integral check valve	—	—	Yes	Yes

Available Options

Series 800 biodiesel meter	Yes	—	Yes	—
Series 900 biodiesel meter	—	Yes	—	Yes
Automatic nozzle	Yes	Yes	Yes	Yes
Pedestal for underground tanks	—	—	Yes	Yes

Box Contents

Hose with static wire	3/4" x 12' (3.7m)	1" x 12' (3.7m)	3/4" x 12' (3.7m)	1" x 12' (3.7m)
Nozzle	1" manual w/reducer bushing	1" manual	1" manual w/reducer bushing	1" manual
Telescoping steel suction pipe – 1" NPT	Yes	Yes	—	—
18' (4.6m) 3-wire power cable	Yes	Yes	—	—

Applications

Compatible fluids	B21 to B100 biodiesel fuel only	B21 to B100 biodiesel fuel only	B21 to B100 biodiesel fuel only	B21 to B100 biodiesel fuel only
Minimum operating temperature	40°F	40°F	40°F	40°F

Meters	Series BD800	Series BD900
Features	3 Wheel Mechanical Flow Meter	4 Wheel Mechanical Flow Meter
Accuracy	±1%	±2%
Flow rate	5 to 20 GPM (19 to 76 LPM)	6 to 40 GPM (23 to 151 LPM)
Pressure rating (PSI)	50 (3.4 bar)	50 (3.4 bar)
Resettable cumulative totalizer	99.9 Gallons / 999 Liter	999.9 Gallon / 9999 Liter
Master totalizer	99,999.9 Gallons / 999999 Liter	999,999.9 Gallons / 9999999 Liter
Construction	Aluminum	Aluminum
Large easy to read numbers	Yes	Yes

Available Options

Gallon	Yes	Yes
Inlet/outlet ports	3/4" outlet	1" outlet (inlet castings for BD4210D and BD310 included)

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