

**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

| <b>Biodiesel Fuel Transfer Pumps</b>                    | <b>Series BD1200C</b>              | <b>Series BD4200D</b>            | <b>Series BD700</b>               | <b>Series BD310</b>                  |
|---------------------------------------------------------|------------------------------------|----------------------------------|-----------------------------------|--------------------------------------|
| <b>Features</b>                                         | <b>12 Volt DC Rotary Vane Pump</b> | <b>12 Volt Dc High Flow Pump</b> | <b>115 Volt AC High Flow Pump</b> | <b>115 Volt Super High Flow Pump</b> |
| 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                            |

| <b>Meters</b>                   | <b>Series BD800</b>                  | <b>Series BD900</b>                  |
|---------------------------------|--------------------------------------|--------------------------------------|
| <b>Features</b>                 | <b>3 Wheel Mechanical Flow Meter</b> | <b>4 Wheel Mechanical Flow Meter</b> |
| 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) |

#### Applications

|                   |                                 |                                 |
|-------------------|---------------------------------|---------------------------------|
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