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.
<table>
<thead>
<tr>
<th>Features</th>
<th>12 Volt DC Rotary Vane Pump</th>
<th>12 Volt DC High Flow Pump</th>
<th>115 Volt AC High Flow Pump</th>
<th>115 Volt Super High Flow Pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warranty</td>
<td>2 years</td>
<td>2 years</td>
<td>2 years</td>
<td>2 years</td>
</tr>
<tr>
<td>Construction – pump housing</td>
<td>Cast Iron</td>
<td>Cast Iron</td>
<td>Cast Iron</td>
<td>Cast Iron</td>
</tr>
<tr>
<td>Maximum flow rate with factory-provided hose and nozzle</td>
<td>15 GPM (5.7 LPM)</td>
<td>Up to 20 GPM (76 LPM)</td>
<td>Up to 20 GPM (76 LPM)</td>
<td>Up to 3/4 HP, 35 GPM (132 LPM)</td>
</tr>
<tr>
<td>Rotor composition</td>
<td>Iron</td>
<td>Iron</td>
<td>Iron</td>
<td>Iron</td>
</tr>
<tr>
<td>Explosion-proof motor with 2 sealed ball bearings</td>
<td>1/4 HP</td>
<td>1/4 HP</td>
<td>1/3 HP</td>
<td>3/4 HP</td>
</tr>
<tr>
<td>Amp draw from battery</td>
<td>20 Amp</td>
<td>22 Amp</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>AC/Hz</td>
<td>—</td>
<td>—</td>
<td>115 volt - 60Hz</td>
<td>Dual Voltage 115/230 VAC 50-60Hz</td>
</tr>
<tr>
<td>Thermal overload protection</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Inlet</td>
<td>1&quot; NPT</td>
<td>1&quot; NPT</td>
<td>1&quot; NPT</td>
<td>1 1/2&quot; NPT</td>
</tr>
<tr>
<td>Outlet</td>
<td>3/4&quot; NPT</td>
<td>1&quot; NPT</td>
<td>3/4&quot; NPT</td>
<td>1&quot; NPT</td>
</tr>
<tr>
<td>Tank adapter</td>
<td>2&quot; NPT</td>
<td>2&quot; NPT</td>
<td>2&quot; NPT</td>
<td>2&quot; NPT</td>
</tr>
<tr>
<td>Pump may be padlocked</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Machined carbon vanes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Duty cycle</td>
<td>30 minute</td>
<td>30 minute</td>
<td>30 minute</td>
<td>30 minute</td>
</tr>
<tr>
<td>Internal bypass valve</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Built-in strainer</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Nozzle hanger to protect from dirt</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Integral check valve</td>
<td>—</td>
<td>—</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±1 %</td>
<td>±2 %</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Flow rate</td>
<td>5 to 20 GPM (19 to 76 LPM)</td>
<td>6 to 40 GPM (23 to 151 LPM)</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Pressure rating (PSI)</td>
<td>50 (3.4 bar)</td>
<td>50 (3.4 bar)</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Resetable cumulative totalizer</td>
<td>99.9 Gallons / 999 Liter</td>
<td>999.9 Gallons / 999999 Liter</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Master totalizer</td>
<td>99,999.9 Gallons / 9999999 Liter</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Construction</td>
<td>Aluminum</td>
<td>Aluminum</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Large easy to read numbers</td>
<td>Yes</td>
<td>Yes</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>

### Available Options

| Series 800 biodiesel meter | Yes | — | Yes | — |
| Series 900 biodiesel meter | Yes | — | Yes | — |
| Automatic nozzle | — | — | 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 |

### Biodiesel Fuel Transfer Pumps

#### Series BD1200C

- **Warranty:** 2 years
- **Construction – pump housing:** Cast Iron
- **Maximum flow rate with factory-provided hose and nozzle:** 15 GPM (5.7 LPM)
- **Rotor composition:** Iron
- **Amp draw from battery:** 20 Amp
- **AC/Hz:** —
- **Thermal overload protection:** Yes
- **Inlet:** 1" NPT
- **Outlet:** 3/4" NPT
- **Tank adapter:** 2" NPT
- **Pump may be padlocked:** Yes
- **Machined carbon vanes:** Yes
- **Duty cycle:** 30 minute
- **Internal bypass valve:** Yes
- **Built-in strainer:** Yes
- **Nozzle hanger to protect from dirt:** Yes
- **Integral check valve:** —
- **Accuracy:** ±1%
- **Flow rate:** 5 to 20 GPM (19 to 76 LPM)
- **Pressure rating (PSI):** 50 (3.4 bar)
- **Resetable cumulative totalizer:** 99.9 Gallons / 999 Liter
- **Master totalizer:** 99,999.9 Gallons / 9999999 Liter
- **Construction:** Aluminum
- **Large easy to read numbers:** Yes

#### Series BD4200D

- **Warranty:** 2 years
- **Construction – pump housing:** Cast Iron
- **Maximum flow rate with factory-provided hose and nozzle:** Up to 20 GPM (76 LPM)
- **Rotor composition:** Iron
- **Amp draw from battery:** 22 Amp
- **AC/Hz:** —
- **Thermal overload protection:** Yes
- **Inlet:** 1" NPT
- **Outlet:** 1" NPT
- **Tank adapter:** 2" NPT
- **Pump may be padlocked:** Yes
- **Machined carbon vanes:** Yes
- **Duty cycle:** 30 minute
- **Internal bypass valve:** Yes
- **Built-in strainer:** Yes
- **Nozzle hanger to protect from dirt:** Yes
- **Integral check valve:** —
- **Accuracy:** ±2%
- **Flow rate:** 6 to 40 GPM (23 to 151 LPM)
- **Pressure rating (PSI):** 50 (3.4 bar)
- **Resetable cumulative totalizer:** 999.9 Gallons / 999999 Liter
- **Master totalizer:** 999,999.9 Gallons / 9999999 Liter
- **Construction:** Aluminum
- **Large easy to read numbers:** Yes

#### Series BD700

- **Warranty:** 2 years
- **Construction – pump housing:** Cast Iron
- **Maximum flow rate with factory-provided hose and nozzle:** Up to 20 GPM (76 LPM)
- **Rotor composition:** Iron
- **Amp draw from battery:** 22 Amp
- **AC/Hz:** —
- **Thermal overload protection:** Yes
- **Inlet:** 1" NPT
- **Outlet:** 3/4" NPT
- **Tank adapter:** 2" NPT
- **Pump may be padlocked:** Yes
- **Machined carbon vanes:** Yes
- **Duty cycle:** 30 minute
- **Internal bypass valve:** Yes
- **Built-in strainer:** Yes
- **Nozzle hanger to protect from dirt:** Yes
- **Integral check valve:** —
- **Accuracy:** ±2%
- **Flow rate:** 6 to 40 GPM (23 to 151 LPM)
- **Pressure rating (PSI):** 50 (3.4 bar)
- **Resetable cumulative totalizer:** 999.9 Gallons / 9999999 Liter
- **Master totalizer:** 999,999.9 Gallons / 99999999 Liter
- **Construction:** Aluminum
- **Large easy to read numbers:** Yes

#### Series BD310

- **Warranty:** 2 years
- **Construction – pump housing:** Cast Iron
- **Maximum flow rate with factory-provided hose and nozzle:** Up to 3/4 HP, 35 GPM (132 LPM)
- **Rotor composition:** Iron
- **Amp draw from battery:** 22 Amp
- **AC/Hz:** —
- **Thermal overload protection:** Yes
- **Inlet:** 1 1/2" NPT
- **Outlet:** 1" NPT
- **Tank adapter:** 2" NPT
- **Pump may be padlocked:** Yes
- **Machined carbon vanes:** Yes
- **Duty cycle:** 30 minute
- **Internal bypass valve:** Yes
- **Built-in strainer:** Yes
- **Nozzle hanger to protect from dirt:** Yes
- **Integral check valve:** —
- **Accuracy:** ±2%
- **Flow rate:** 35 GPM (132 LPM)
- **Pressure rating (PSI):** 50 (3.4 bar)
- **Resetable cumulative totalizer:** 35 GPM (132 LPM)
- **Master totalizer:** 35 GPM (132 LPM)
- **Construction:** Aluminum
- **Large easy to read numbers:** Yes

### Meters

#### Series BD800

- **Features:** 3 Wheel Mechanical Flow Meter
  - **Accuracy:** ±1%
  - **Flow rate:** 5 to 20 GPM (19 to 76 LPM)
  - **Pressure rating (PSI):** 50 (3.4 bar)
  - **Resetable cumulative totalizer:** 99.9 Gallons / 999 Liter
  - **Master totalizer:** 99,999.9 Gallons / 9999999 Liter
  - **Construction:** Aluminum
  - **Large easy to read numbers:** Yes

#### Series BD900

- **Features:** 4 Wheel Mechanical Flow Meter
  - **Accuracy:** ±2%
  - **Flow rate:** 6 to 40 GPM (23 to 151 LPM)
  - **Pressure rating (PSI):** 50 (3.4 bar)
  - **Resetable cumulative totalizer:** 999.9 Gallons / 999999 Liter
  - **Master totalizer:** 999,999.9 Gallons / 99999999 Liter
  - **Construction:** Aluminum
  - **Large easy to read numbers:** Yes

### Applications

#### Compatible fluids

- **Series BD1200C:** B21 to B100 biodiesel fuel only
- **Series BD4200D:** B21 to B100 biodiesel fuel only
- **Series BD700:** B21 to B100 biodiesel fuel only
- **Series BD310:** B21 to B100 biodiesel fuel only

#### Minimum operating temperature

- **Series BD1200C:** 40°F
- **Series BD4200D:** 40°F
- **Series BD700:** 40°F
- **Series BD310:** 40°F

#### Language

- **English**

#### Company Information

- **TUTHILL Transfer Systems**
  - **Address:** 8825 Aviation Drive
  - **City:** Fort Wayne, Indiana USA 46809
  - **Phone:** 260 747-7524
  - **Fax:** 260 747-3159
  - **Website:** www.tuthill.com