Diesel Exhaust Fluid (DEF) Pumps

3 YEAR WARRANTY

P/N: DEF-0613A
Standard Pump has designed a range of unique, preconfigured DEF Pump Packages that are engineered to transfer AdBlue (AUS32) Diesel Exhaust Fluid (DEF) directly from barrels, drums and Intermediate Bulk Containers (IBC). Pump Packages are UL and CE listed to meet stringent North American (UL) and European (CE) safety standards. Packages include sealless pump, variable speed motor, dispensing nozzle (manual or auto-shut off), compatible hose and barrel adapter. Motor drives are available in pneumatic or electric (110 or 230v) versions to include a speed control option that ensures proper flow rate and optimum pump performance. The sealless design allows the pump to be run dry or back pressure applied without damage to the pump or motor. The flow meter packages allow precise measurement and accurate dispensing of DEF without overfill.
**DEF Electric Pump Packages**

### Electric Package with Automatic Shut-Off Nozzle
- **Motor Type:** Open Drip Proof (IP44)
- **Pump Assembly:** Polypropylene, Carbon, 316SS & PTFE
- **Pump Immersion Length:**
  - Drums - 39” (1000 mm)
  - Tote® Tanks - 50” (1270 mm)
- **Discharge Hose:** CarboBlue, 8ft (2.4 m), 3/4” (19 mm) I.D.
- **Dispensing Nozzle:** Auto Shut-Off, 316SS
- **Maximum Flow Rate:** 11 GPM (41 LPM)
- **Maximum Discharge Pressure:** 32 psi (2.2 bar)
- **Maximum Temperature:** 130° F (55° C)

### Electric Package with Manual Nozzle
- **Motor Type:** Open Drip Proof (IP44)
- **Pump Assembly:** Polypropylene, Carbon, 316SS & PTFE
- **Pump Immersion Length:**
  - Drums - 39” (1000 mm)
  - Tote® Tanks - 50” (1270 mm)
- **Discharge Hose:** Braided PVC, 8ft (2.4 m), 3/4” (19 mm) I.D.
- **Dispensing Nozzle:** Polyethylene, 304SS
- **Maximum Flow Rate:** 14 GPM (53 LPM)
- **Maximum Discharge Pressure:** 32 psi (2.2 bar)
- **Maximum Temperature:** 130° F (55° C)

### Electric Package with Automatic Shut-Off Nozzle & Meter
- **Motor Type:** Open Drip Proof (IP44)
- **Pump Assembly:** Polypropylene, Carbon, 316SS & PTFE
- **Pump Immersion Length:**
  - Drums - 39” (1000 mm)
  - Tote® Tanks - 50” (1270 mm)
- **Discharge Hose:** CarboBlue, 8 ft (2.4 m), 3/4” (19 mm) I.D.
- **Flow Meter:** Polyamide Housing, Turbine Paddle Wheel
- **Dispensing Nozzle:** Auto Shut-Off, 316SS
- **Maximum Flow Rate:** 10 GPM (38 LPM)
- **Maximum Discharge Pressure:** 32 psi (2.2 bar)
- **Maximum Temperature:** 130° F (55° C)
Air Package with Automatic Shut-Off Nozzle

Motor Type: Pneumatic 1/2 HP (370w)
Pump Assembly: Polypropylene, Carbon, 316SS & PTFE
Pump Immersion Length:
- Drums - 39" (1000 mm)
- Tote® Tanks - 50" (1270 mm)
Discharge Hose: CarboBlue, 8ft (2,4 m), 3/4" (19 mm) I.D.
Dispensing Nozzle: Auto Shut-Off, 316SS
Maximum Flow Rate: 8 GPM (30 LPM)
Maximum Discharge Pressure: 16 psi (1,1 bar)
Maximum Temperature: 130° F (55° C)

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>IMMERSION LENGTH</th>
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<tbody>
<tr>
<td>9150</td>
<td>50&quot; (1270 mm)</td>
</tr>
<tr>
<td>9152</td>
<td>39&quot; (1000 mm)</td>
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Air Package with Manual Nozzle

Motor Type: Pneumatic, 1/2 HP (370w)
Pump Assembly: Polypropylene, Carbon, 316SS & PTFE
Pump Immersion Length:
- Drums - 39" (1000 mm)
- Tote® Tanks - 50" (1270 mm)
Discharge Hose: Braided PVC, 8ft (2,4 m), 3/4" (19 mm) I.D.
Dispensing Nozzle: Polyethylene, 304SS
Maximum Flow Rate: 10 GPM (38 LPM)
Maximum Discharge Pressure: 16 psi (1,1 bar)
Maximum Temperature: 130° F (55° C)

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<thead>
<tr>
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<tbody>
<tr>
<td>9160</td>
<td>50&quot; (1270 mm)</td>
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<tr>
<td>9162</td>
<td>39&quot; (1000 mm)</td>
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</table>

Air Package with Automatic Shut-Off Nozzle & Meter

Motor Type: Pneumatic 1/2 HP (370w)
Pump Assembly: Polypropylene, Carbon, 316SS & PTFE
Pump Immersion Length:
- Drums - 39" (1000 mm)
- Tote® Tanks - 50" (1270 mm)
Discharge Hose: CarboBlue, 8ft (2,4 m), 3/4" (19 mm) I.D.
Flow Meter: Polyamide Housing, Turbine Paddle Wheel
Dispensing Nozzle: Auto Shut-Off, 316SS
Maximum Flow Rate: 7 GPM (26 LPM)
Maximum Discharge Pressure: 16 psi (1,1 bar)
Maximum Temperature: 130° F (55° C)

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<tr>
<td>9170</td>
<td>50&quot; (1270 mm)</td>
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<tr>
<td>9172</td>
<td>39&quot; (1000 mm)</td>
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Note: Special configurations are available upon request. Please consult factory.
Package Components & Accessories

Pump Tube

**Features:**
- Immersion lengths available.
  - Drums - 39” (1000 mm)
  - Tote® Tanks - 50” (1270 mm)
- Sealless Design:
  - “Run Dry” Capabilities
  - “Dead Head” Capabilities
- Robust Design

**Technical Specifications:**
- Wetted Components:
  - Polypropylene, Carbon, 316SS & PTFE
- Discharge: 3/4” (19 mm) barb
- Maximum Temperature: 130° F (55° C)
- Maximum Flow Rate: 15 GPM (57 LPM)
- Maximum Discharge Pressure: 32 psi (2,2 bar)

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<tbody>
<tr>
<td>9100</td>
<td>Drums</td>
</tr>
<tr>
<td>9103</td>
<td>Tote® Tanks</td>
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Flow Meter

**Features:**
- Turbine Measuring Principle
- Polyamide Housing
- Polypropylene Turbine
- LCD Display
- Resettable Totalizer

**Technical Specifications:**
- Accuracy within +/- 1% of flow range
- Repeatability: 0.2%
- Maximum Flow: 32 GPM (120 LPM)
- Working Temperature: 14° F (-10° C) to 122° F (50° C)
- Pressure Loss 2.2 psi (15 bar)

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<tr>
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<tr>
<td>SP-280P-V</td>
<td>110-120V</td>
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<tr>
<td>SP-280P-2-V</td>
<td>220-240V</td>
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Electric Motor

**Features:**
- Variable Speed Control
- Multiple Certifications
- Robust Chemical Resistant Housing
- Thermal Overload Switch

**Technical Specifications:**
- Enclosure: Open Drip Proof (IP44)
- Power: 1 HP (825 watt)
- Voltage: 110-120V, 220-240V
- Phase: 1
- Frequency: 50 & 60 Hz
- Weight: 9 lbs (4.1 kg)

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<td>220-240V</td>
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</table>

Air Motor

**Features:**
- Variable Speed Control Ball Valve
- Lightweight & Portable

**Technical Specifications:**
- Power ½ HP (370w)
- Consumption: 22 CFM @ 90 psi (10.4 L/sec @ 6.1 bar)

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<tr>
<th>PART NUMBER</th>
<th>SP-A1</th>
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</table>
Automatic Shut-off Nozzle

**Features:**
- Automatically Shuts-off Flow When Tank Is Full
- Conforms To The Stritest Safety Requirements
- Stainless Steel Encased In Rubber
  Protects Against Static Electricity
- Designed For Cold Weather Use

**Technical Specifications:**
- Available in 19 GPM (72 LPM) Flow Capacity
- Inlet, With Swivel, Hose Barb ¾” (19 mm)
- Spout Exterior Diameter - ¾” (19 mm)
- Weight: 5.75 lbs (2.6 kg)

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<tr>
<th>PART NUMBER</th>
<th>9111</th>
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Manual Nozzle

**Technical Specifications:**
- Polyethylene Housing With Stainless Steel Discharge Spout
- Spout Diameter: ¾” (19 mm)
- Maximum Flow Rate: 21 GPM (80 LPM)
- Weight: ½ Lb (2 kg)

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DEF Hose

**Technical Specifications:**
- Black Tube, Smooth, Sulfur Free EPDM Rubber Compound With Peroxide Curing, Antistatic (R < 1 MΩ/m)
- Reinforcement – Synthetic Textile Fabrics
- Black Cover, Smooth EPDM Rubber Compound, Antistatic (R < 1 MΩ/m), Aging, Heat And Weather Resistant
- Temperature Range Min / Max: -40° F (-40° C) / 212° F (100° C)

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<tr>
<th>PART NUMBER</th>
<th>9110</th>
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Clear Braided PVC Hose

**Technical Specifications:**
- Braided Design Provides Added Strength
- Flexible
- Smooth Surface
- ¾” (19 mm) Inner Diameter
- Maximum Pressure: 250 psi (17 bar)

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<tr>
<th>PART NUMBER</th>
<th>9033</th>
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For more information scan this QR code with your smartphone.