

**STANDARD**  
*Pump, Inc.*



**3 YEAR  
WARRANTY**

**Diesel Exhaust Fluid (DEF) Pumps**

P/N: DEF-1214





# DEF Solutions

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 overflow.



# 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)

PART NUMBER	VOLTAGE	IMMERSION LENGTH
9120	110-120V	50" (1270 mm)
9121	220-240V	50" (1270 mm)
9122	110-120V	39" (1000 mm)
9123	220-240V	39" (1000 mm)



## 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)

PART NUMBER	VOLTAGE	IMMERSION LENGTH
9130	110-120V	50" (1270 mm)
9131	220-240V	50" (1270 mm)
9132	110-120V	39" (1000 mm)
9133	220-240V	39" (1000 mm)



## 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)

PART NUMBER	VOLTAGE	IMMERSION LENGTH
9140	110-120V	50" (1270 mm)
9141	220-240V	50" (1270 mm)
9142	110-120V	39" (1000 mm)
9143	220-240V	39" (1000 mm)



### 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)

PART NUMBER	IMMERSION LENGTH
9150	50" (1270 mm)
9152	39" (1000 mm)



### 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)

PART NUMBER	IMMERSION LENGTH
9160	50" (1270 mm)
9162	39" (1000 mm)



### 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)

PART NUMBER	IMMERSION LENGTH
9170	50" (1270 mm)
9172	39" (1000 mm)

**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:  $\frac{3}{4}$ " (19 mm) barb
- Maximum Temperature: 130° F (55° C)
- Maximum Flow Rate: 15 GPM (57 LPM)
- Maximum Discharge Pressure: 32 psi (2,2 bar)

PART NUMBER		IMMERSION LENGTH
9100	Drums	39" (1000 mm)
9103	Tote® Tanks	50" (1270 mm)



## 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)

PART NUMBER	9112
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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)

PART NUMBER	VOLTAGE
SP-280P-V	110-120V
SP-280P-2-V	220-240V



## Air Motor

### Features:

- Variable Speed Control Ball Valve
- Lightweight & Portable

### Technical Specifications:

- Power  $\frac{1}{2}$  HP (370w)
- Consumption: 22 CFM @ 90 psi (10,4 L/sec @ 6,1 bar)

PART NUMBER	SP-A1
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## Automatic Shut-off Nozzle

### Features:

- Automatically Shuts-off Flow When Tank Is Full
- Conforms To The Strictest 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  $\frac{3}{4}$ " (19 mm)
- Spout Exterior Diameter -  $\frac{3}{4}$ " (19 mm)
- Weight: 5.75 lbs (2,6 kg)

PART NUMBER	9111
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## Manual Nozzle

### Technical Specifications:

- Polyethylene Housing With Stainless Steel Discharge Spout
- Spout Diameter:  $\frac{3}{4}$ " (19 mm)
- Maximum Flow Rate: 21 GPM (80 LPM)
- Weight:  $\frac{1}{2}$  Lb (,2 kg)

PART NUMBER	9113
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## DEF Hose

### Technical Specifications:

- Black Tube, Smooth, Sulfur Free EPDM Rubber Compound With Peroxide Curing, Antistatic ( $R < 1 \text{ M}\Omega/\text{m}$ )
- Reinforcement – Synthetic Textile Fabrics
- Black Cover, Smooth EPDM Rubber Compound, Antistatic ( $R < 1 \text{ M}\Omega/\text{m}$ ), Aging, Heat And Weather Resistant
- Temperature Range Min / Max:  $-40^\circ \text{ F} (-40^\circ \text{ C}) / 212^\circ \text{ F} (100^\circ \text{ C})$

PART NUMBER	9110
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## Clear Braided PVC Hose

### Technical Specifications:

- Braided Design Provides Added Strength
- Flexible
- Smooth Surface
- $\frac{3}{4}$ " (19 mm) Inner Diameter
- Maximum Pressure: 250 psi (17 bar)

PART NUMBER	9033
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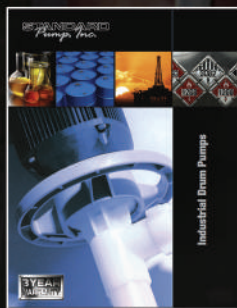
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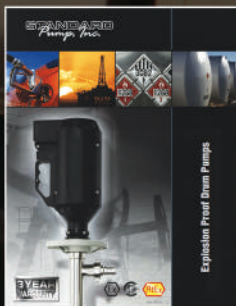
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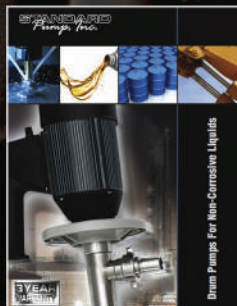
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