



# Premium Quality Diesel Exhaust Fluid (DEF) Dispensing Package



## SMART START TECHNOLOGY

Automatically turn your pump on and off between dispenses

120 V AC closed 55 gallon drum and IBC tote systems feature Smart Start technology to automatically turn pump on and off between dispenses.

- No need to manually turn pump on and off like other systems
- Protects pump motor from thermal overload by turning it off after the dispense valve is closed.

Product #343109

Alemite has introduced its new line of systems and equipment for diesel exhaust fluid (DEF). The products include 110-120 VAC Centrifugal Pumps and 12 VDC Pumps for closed drums and totes, Pneumatic and Electric Pumps for standard 2-inch bung containers, 1/2-inch Air-Operated Diaphragm Pumps and accessories.

- Standard manually controlled systems available for:
  - 12 V AC and 12 V DC closed drum and IBC tote systems
  - Pneumatic and 120 V AC open bung systems
- Bare electric pumps and air operated diaphragm pumps available for custom bulk tank systems



**110-120 V AC centrifugal pump systems for closed drums and totes**

- “Smart Start” technology turns pump on/off with DEF flow demand
- CSA, UL listed
- Stainless Steel Pump body
- Outstanding suction capability/self priming
- Thermal and current overload protection
- 20’ delivery hose with stainless steel nozzle
- Suction hose

Product#	Description
343108	Centrifugal Pump Package for 55 gallon drum - Manual Start
343109	Centrifugal Pump Package for 55 gallon drum - Smart Start
343110	Centrifugal Pump Package for 275 - 330 gallon tote - Manual Start
343111	Centrifugal Pump Package for 275 - 330 gallon tote - Smart Start
343138	Centrifugal Pump Package for 55 gallon drum - Smart Start - Drum Cart
8422	Bare Centrifugal Pump - Smart Start



**Product #343111**



**Product #343138**

**12 V DC systems for closed drums and totes**

- Ideal for mobile mounting and power by vehicle electric power supply
- 20’ delivery hose with stainless steel nozzle

Product#	Description
343101	12 Volt DC Pump Package for 55 gallon drums
343103	12 Volt DC Pump Package for totes
343139	12 Volt DC Pump Package for 55 gallon drums - Drum Cart
8423	Bare 12 Volt DC Pump

**Important Information:**

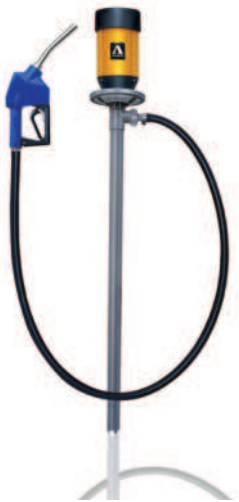
- Meters and Closed System Couplers Sold Separately - See Accessories
- Drums and Totes not included, furnished by DEF Supplier



**Product #343101**



**Product #343113**



**Product #343119**



**Product #8322-C**

**Systems for open / standard 2" bung containers**

- Choice of: Powerful 1.1 HP 110-120 V AC electric motor or Safe / economical air motor
- Built to meet North American standards
- Electric option features thermal protection
- Polypropylene pump tube with Stainless Steel shaft
- Packages for DEF drums and totes
- 20' delivery hose and stainless steel nozzle

Product#	Description
343113	Pneumatic 55 gallon Drum Pump Package
343115	Electric 55 gallon Drum Pump Package
343117	Pneumatic 275 - 330 gallon Tote Package
343119	Electric 275 - 330 gallon Tote Package

**Important Information:**

- Meters Sold Separately - See Accessories

**Alemite's standard 1/2" Polypropylene / Polytetrafluoroethylene Air Operated Diaphragm Pump can be used for installed systems to Service Overhead Reels**

- 1/2" NPT fluid inlet / outlet
- 1/4" NPT air inlet
- 14 GPM free delivery
- Materials meet ISO / DIN standards for dispensing DEF

Product#	Description
8322-C	1/2" Polypropylene/ Polytetrafluoroethylene Diaphragm Pump



## Accessories:



**Product #8424**



**Product #343140**



**Product #343141**



**Product #343142**

### Flow Meters

- In line style
- Accurate to +/- 1%
- Repeatable to 0.2%
- Can be calibrated

Product#	Description
8424	Flow Meter Assembly
343120	Flow Meter Swivel M/M 3/4" x 1"
343121	Flow Meter Hose Barb 1" x 3/4"
343122	Flow Meter Kit - includes 8424, 343120,343121

### Hoses

- Specified for DEF dispensing
- Wetted tube-sulfur free EPDM rubber
- Outer reinforced synthetic fiber w/ EPDM cover

Product#	Description
343123-3	10' x 3/4" I.D. DEF Hose
343123-4	20' x 3/4" I.D. DEF Hose

### Closed System Couplers

- Three styles for the popular drum / tote connections
- Barbed for connection to the standard suction hoses

Product#	Description
343140	For Micro Matic EPV, Twist Lock Connection - Stainless Steel
343141	For Micro Matic RSV, Lever actuated CamLock - Stainless Steel
343142	For Colder Drum Quik <sup>®</sup> PRO-Polypropylene



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