



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 [®] PRO-Polypropylene |



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