



Air Shield™ DEF Dispensing Kits



All-in-One Kits for your Air Shield Dispensing Needs

- Kits include motor, pump, nozzle, hose, and adapter
- Multiple kit options including electric and air operated motors
- Both pump options available for drums or totes
- Optional flow meter

High Quality and Performance

- All components meet ISO22241-3 specifications for material compatibility
- Motors meet UL, cUL and CE approvals
- Robust polypropylene pump construction
- Powerful 1.1 hp (825 watts) variable speed electric motor
- Sealless pump allows for “run dry” and “dead head” operation
- 3 year warranty on all pumps and motors

Easy to Use

- Installs in minutes
- Minimal components
- Unique interchangeable pump and motor design for greater flexibility

Pump Options that Meet Your Needs

Our variable speed electric and air pumps allow better control of flow volumes. Both air and electric pumps are compact and designed for easy interchange between applications. All motors meet stringent North American standards for material compatibility and design.

Electric Motor Pump Specifications

- Enclosure – O.D.P (IP44)
- Power – 115/1/50-60
- Wattage – 825 (1.1 hp)
- 18 ft. electric cord



Air Pump Specifications

- Consumption – 22 CFM@90 p.s.i.
- Maximum inlet pressure – 100 p.s.i.
- Output – ½ hp



Durable Stainless Steel Nozzle

Our nozzles are engineered to automatically shut-off flow when the tank is full. The strong stainless steel housing encased in rubber protects the nozzle from shocks and makes the grip comfortable even at low temperatures.

Nozzle Specifications

- 19 gal/min flow capacity
- Inlet, with swivel, hose barb ¾"
- Spout exterior diameter - 19 mm



Flow Meter: Easy to Install, Easy to Read

The flow meter utilizes a turbine measuring system to measure flow rate and volume of low viscosity liquids. It is easy to install, in line or at the end of a delivery pipe, equipped with an easy-to-read, compact screen. The meter can be installed directly onto the nozzle for convenient, on-the-spot reading of the quantity pumped. The reinforced polyamide body and a sealed plug-in electronic card allows for use in practically all conditions.

Flow Meter Specifications

- Precision +/- 1% within the flow range
- Maximum flow rate 31.7g/min
- Working temperature 14/122 °F (-10/50 °C)
- Threaded input/output, aligned male/female depending on version

All pumps and accessories are manufactured by Benecor, Inc. for Cummins Filtration.

Product	Part Number	Description
Tote Electric Pump Kit	3974949	Electric Motor with 50" Pump, 20 Ft. DEF Hose, Stainless Steel Automatic Nozzle and Bung Adapter
Tote Air Pump Kit	3974950	Air Motor with 50" Pump, 20 Ft. DEF Hose, Stainless Steel Automatic Nozzle and Bung Adapter
Drum Electric Pump Kit	3970403	Electric Motor with 39" Pump, 20 Ft. DEF Hose, Stainless Steel Automatic Nozzle and Bung Adapter
Drum Air Pump Kit	3970402	Air Motor with 39" Pump, 20 Ft. DEF Hose, Stainless Steel Automatic Nozzle and Bung Adapter
Flow Meter	3970397	Flow Meter Turbine Measuring System, Digital LCD with Electronic Card

Benecor offers larger scale dispensing equipment. For further information, contact our Customer Assistance department at 800-22-FILTER (800-223-4583).



For more information, visit cumminsfiltration.com

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