

# **EDP16TE Free-Air® Pump Bid Specifications**

Distributed By:

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### **Specifications**

- · Two to Three person pump
- Oil-less eliminates OSHA required CO monitors, temperature alarms, airline filters
- 1 1/2 horse power electric driven pump
- · Made in the USA
- · Portable (includes handles) and optional wheels
- · Capacity to supply air to:
  - two hood-style; or
  - three half or full face mask airline respirators
- Pressure gauge (0-30 psig)
- Two 1/2" Industrial Interchange (Hansen compatible) quick-disconnect coupler
- Weights 98 lbs (44.5 kg)
- Air flow of 16 cfm at 5 psig. (453 lpm @ 34kPa)
- Dimensions: 14" wide x 28" long x 6" high
- Carbon vans are replaceable and need no adjustment, lasting for 5,000 15,000 operational hours if properly maintained.
- · Maximum Outlet Air pressure of 30 psig
- 7 foot grounded electrical cord with a standard three-prong plug
- · No calibration is required

#### **Electrical Motor Specifications**

- · Totally enclosed fan-cooled motor drive (TFEC)
- · Capacitor Start
- · Enclosure meets UL requirements
- Enclosure is CSA Approved
- · Natl. Elec. Code: Class III Division 1 and 2
- 11/2 horse power
- Single Phase
- 60 Hz cycle
- 115/208/230 Volts (115V standard)
- 16 amps @ 115 V
- 8.0 amps @ 208/230 V
- 1.15 Service Factor
- · Manual Reset thermal overload equipped for 115V operation

#### **Filters**

- Breathable air inlet can be located up to 300 feet away from the pump
- Medium efficiency Inlet Filter (particulates large than 25 microns filtered out of the air supply). Replace after 500 operational hours or less depending on working conditions.
- · Outlet filter is Carbofine with activated carbon. Replace after 200 operational hours or less depending on working conditions.

# **Respirator Capabilities**

- May be used in conjunction with any manufacture's supplied air respirators. Check the respirator's owner's manual to verify that the cfm output of the pump is adequate.
- Minimum Air Flow required for each tight-fitting mask style respirator is four (4) cfm
- Minimum Air Flow required for each hood style respirator is six (6) cfm.

## Warranty

1 year limited warranty to original purchaser from date of purchase.

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