

EDP30 Free-Air® Pump Bid Specifications

Specifications

- · Two to Six person pump
- · Open drip-proof motor drive
- Oil-less eliminates OSHA required CO monitors, temperature alarms, airline filters
- · Electric Driven Pump
- · Made in the USA
- Portable
- · Capacity to supply air to:
 - Four hood-style; or
 - Six half or full face mask airline respirators; or
 - -Two hood-style respirators equipped with FRIGITRON® 2000 climate control devices
- · Shipped complete with
 - Inlet and outlet filter cartridges
 - Pressure gauges
 - Pressure relief valves
 - One air supply hose quick-disconnect pod with six 1/2" Industrial Interchange (Hansen compatible) quick-disconnect couplers
- Carbon vans are replaceable and need no adjustment, lasting for 3,000 10,000 operational hours if properly maintained.
- · Protective reversing starters standard on all three phase motors
- 208-230 volts as shipped, with 8 foot cord and three wire, 30 amp plug (NEMA L6-30) and manual starter
- · Weighs 292 lbs
- Dimensions: 26" wide x 38" long x 32" high
- · Maximum air pressure of 30 psig
- · Air flow of 30 CFM at 10 psig
- Air supply hose quick-disconnect pod can be extended 300 feet from the pump
- Tire pressure of 50 psig max.
- · Can be custom built to customer specification

Electrical Motor Options

- · Single Phase 5 HP Motor, 208V or 230V
- Three Phase 5 HP Motor, Reversing Starter, 208/230/460V
- Three Phase 7.5 HP Motor, Reversing Starter, 208/230/460 V

Climate Control Options

- Frigitron 2000 is the only cool tubes specifically designed for use at the low pressures in which ambient air pumps operate.
- · Can cool up to two worker wearing a hood style respirator
- 1/2" Industrial Interchange (Hansen compatible) quick disconnect nipple
- Two adjustable temperature control knobs
- · Nylon or Vinyl decon. Belt
- · Heat Shield included
- Cools incoming air by as much as 20 F (11 F)
- NIOSH approved when used with Bullard respirators



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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.
- · Hood-style respirators require a minimum of 6 cfm each and 12-15 cfm each when used with a cool tube.
- Half and full face style respirators require a minimum of 4 cfm each

Warranty

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

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