

ADP20 Free-Air® Pump **Bid Specifications**

Pump

- · Air driven
- Oil-less eliminates OSHA required CO monitors, temperature alarms, airline filters
- Portable
- · Made in the USA
- · Capacity to supply air to:
 - four hood-style respirators; or
 - six half or full face mask respirators; or
 - one worker with cooling tube option wearing a hood or helmet style respirator
- · Air flow of 30 CFM at 5 psig with minimum 85 cfm at 95 psi incoming
- Maximum pressure output is 25 psig (1.8 bar).
- Pressure gauge (0-30 psig)
- Two 1/2" Industrial Interchange (Hansen compatible) guick-disconnect couplers
- · Weighs 90 lbs.
- · No electricity needed
- · Ideal for potentially explosive work environments that would require a costly explosion-proof electrical motor.
- Carbon vanes are replaceable and need no adjustment, lasting for 5,000 15,000 operational hours if properly maintained.
- · No Belts to maintain or tighten
- · No calibration is required
- · Air from the compressor is not transferred to the worker
- Power: Compressed air at a minimum volume of 85 cfm (2,407 lpm) at 95 psig (6.7 bar)
- Dimensions: 12 1/8" wide x 25" long x 15" high (41.5" high with air intake installed).
- · Made in the USA

Climate Control Capabilities

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

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)
- · Outlet filter is Carbofine with activated carbon

Respirator Capabilities

- Supplied-air respirators used with this pump must be NIOSH approved to operate at 15 psig or less.
- 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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