BIGHORN 1.0 PUMP



- 1,000 psi / 70 bars
- 1.0 US gpm / 3.8 lpm
- VFD Technology

DESCRIPTION

The BIGHORN 1.0 pump is ideally suited for average size humidification applications (up to 40 nozzles) and is extremely quiet and economical to operate. Its Variable Frequency Drive technology lessens pump wear and tear and thereby extends the overall working life of the unit.

- WEG variable speed drive controller (with fan cooling)
- WEG Variable Frequency Drive (VFD)
- UL 508A listed control panel
- NEMA 3R electrical enclosure
- Inlet and outlet pressure gauges
- Powder coated, corrosion resistant aluminum frame
- Inlet and drain solenoid valves with exclusive “Delay Drain Control”
- Integrated 1,000 psi / 70 bars pressure transducer
- Low water pressure safety shutdown with automatic restart
- Optional secondary twin 10" inlet filter set
- Panel mounted hour meter tracks service schedule
- MicroCool energy/water conservation technology
- One year comprehensive warranty

SPECIFICATIONS

Size: 24 L x 19 D x 24 H inches	Flow Max: 1.0 US gpm / 500 lbs/hr
Size: 609 L x 482 D x 609 H mm	Flow Max: 3.8 lpm / 227 kg/hr
Weight (approx.): 95 lbs / 43 kg	Flow Min: 0.33 US gpm / 165 lbs/hr
Pressure: 1,000 psi / 70 bars	Flow Min: 1.25 lpm / 75 kg/hr
Voltage: 110/220 or 208-240 v 1 phase, 50/60 Hz Non GFI*	Nozzles: Min 13 / Max 40 Standard nozzle: 0.008" / 0.20mm
HP / kW: 1.0 hp / 0.75 kW	Gauges: Inlet and outlet pressure
FLA: 115V 18.6A / 208-240V 9.2A	Connections: 1/4" NPT out / 1/2" NPT in
Filters: 10 inch tall, 5 micron inlet	Control Panel: UL 508A
UV Filter Option: Yes. External	Frame: Powder coated aluminum (white)

*One known exception: Siemens SIEQF120

Warranty

MicroCool warrants that the goods to be delivered will be of the kind and quality described in the sales order or contract, and will be free of defects in workmanship or material. Refer to the BIGHORN Pump Installation & Maintenance Manual for full terms of limited warranty.

Availability & Cost

MicroCool equipment is available across North America, South America, Europe, Asia, Africa and Australia either directly or through distributors. Contact MicroCool about availability and pricing information.

Installation & Maintenance

Refer to the BIGHORN Pump Installation & Maintenance Manual for complete installation instructions and maintenance requirements.

MICROCOOL

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