



## DESCRIPTION

The BIGHORN 2.0 pump is ideally suited for large size humidification applications (up to 80 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: 23 L x 13 D x 22 H inches                          | Flow Max: 2.0 US gpm / 1,000 lbs/hr                          |
| Size: 609 L x 482 D x 609 H mm                           | Flow Max: 7.57 lpm / 454 kg/hr                               |
| Weight (approx.): 105 lbs / 48 kg                        | Flow Min: 0.66 US gpm / 330 lbs/hr                           |
| Pressure: 1,000 psi / 70 bars                            | Flow Min: 2.5 lpm / 150 kg/hr                                |
| Voltage: 110/220 or 208-240 v 1 phase, 50/60 Hz non GFI* | Nozzles: Min 26 / Max 80<br>Standard nozzle: 0.008" / 0.20mm |
| HP / kW: 2.0 hp / 0.75 kW                                | Gauges: Inlet and outlet pressure                            |
| FLA: 208-240V 16.1A                                      | 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 SIEQF220

- 1,000 psi / 70 bars
- 2.0 US gpm / 7.57 lpm
- VFD Technology

## 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.



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