



MicroCool Fog Systems

MicroCool

World leaders in adiabatic cooling and environmental solutions.

Applications

- Process Cooling
- HVAC Pre-Cooling
- Industrial Humidification
- Agriculture & Horticulture
- Dust & Odor Control
- Environmental (Outdoor) Cooling.

MicroCool Value

Added Features

- USA made and patented nozzle design
- USA Manufactured pump modules and equipment.
- In house custom engineering and design.
- Extensive application and implementation experience.

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MicroCool BIGHORN Odor Control Range



All MicroCool BIGHORN Pumps include:

- ⇒ Lightweight Aluminum Powder Coated Frame
- ⇒ Eye level controls and service items (no more bending!)
- ⇒ Illuminated "Hand / Off / Auto Switch"
- ⇒ Illuminated Fault light
- ⇒ Lockable Wiring and control box
- ⇒ Simple inlet and outlet plumbing connections on rear of unit for rapid mounting
- ⇒ Variable Frequency Drive
- ⇒ Pressure Gauges with colored "safety" zones
- ⇒ Safety valve pre-set at 1,200 psi
- ⇒ Single filter at waist level for simple service.

- ✦ The BIGHORN Pump Range incorporates many of the features found in its big brother (the IBEX) including serviceability and energy saving features.
- ✦ The BIGHORN range is designed for light duty and small flow applications
- ✦ Available in 2 models, the BIGHORN Pump Range covers flow rates from 0.15 gpm up to 2.50 gpm (0.60 – 9.5 lpm)

- ⇒ Variable Frequency Drive additions not only save the user electrical energy but can also qualify (in certain areas) for utility rebates further reducing capital costs.
- ⇒ MicroCool's exclusive use of USA manufactured GIANT pumps with high efficiency WEG motors yields increases in reliability and efficiency.
- ⇒ Simple panel adjustment sets motor speed to correspond with nozzle flow.
- ⇒ Optional integrated UV (shown in picture) for hygienic operation.

System Details & Capacities

Model	BIGHORN 2000	BIGHORN 3000
Motor Size HP (KW)	2.00 (1.50)	3.00 (2.25)
Pump Flow (gpm)	0.15 - 1.50	0.25 – 3.00
Pump Flow (lpm)	0.57 – 5.70	0.95 – 11.40
Nozzle Capacity	8 - 55	12 - 95
Filter Size	1 x 10"	1 x 10"
Optional UV	Yes	Yes
Size inches	26" x 28" x 24"	26" x 28" x 24"
Size mm	650 x 700 x 600mm	650 x 700 x 600mm
Weight lb	160 lb	180 lb
Weight kg	73 kg	82 kg

"World Leaders in Adiabatic Cooling Technology"