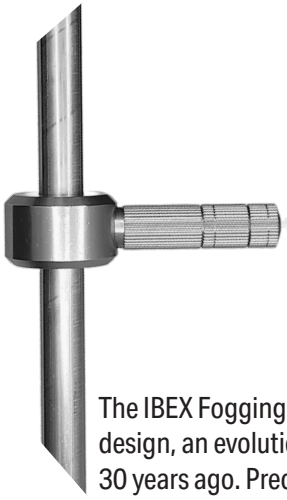
IBEX INTEGRATED FOGGING SYSTEM



IBEX pumps paired with ROC (rapid orientation collar) nozzles are engineered for demanding humidification applications.

- Integrated Pump and Nozzle System
- High Demand Applications
- 0.5 to 18 US gpm 2 to 68 lpm

The IBEX Fogging System is the culmination of many years of development and design, an evolution that began with the very inception of MicroCool more than 30 years ago. Precision nozzles are easily mounted on specially fabricated stainless steel and flexible lines, and strategically spaced to distribute the fog evenly and effectively into the air.

IBEX Pump

IBEX pumps deliver from 1 to 18 US gpm (2 to 42 lpm) and can be configured for single and multiple zones using the zone controller. A convenient LCD screen provides access to a full range of safety, performance and service settings. Standard 5 and 10 micron filters can easily be replaced, and an Ultraviolet light can be mounted at the rear.



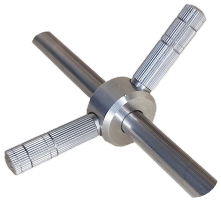
The IBEX pump is designed for performance, safety and ease of use.

IBEX PUMP FEATURES

- **Variable speed drive** — Automatically adjusts pump speed to water flow and number of nozzles and reduces pump wear
- **Compact, quiet** — Less intrusive, can be mounted closer to production areas
- **Saves energy, money** — Electricity usage reduced by more than 60%
- **Inlet pressure switch** — Prevents system from running dry and damaging the pump
- **Pressure transducer** — Maintains optimal system pressure for MicroCool nozzles
- **External connections** — Ties into external sensors, BMS systems (analog) and climate control systems
- **Drain solenoid valve** — Using a PLC controller, the valve opens just enough to release the pressure, saving valuable water usage
- **Control panel built to UL 508A standard** — Ensures safety and reliability

ROC Nozzle Lines

ROC (rapid orientation collar) lines are available in both stainless steel and flexible line suitable for different applications. Nozzle spacing is determined on design but many standard sizes are available. Each system is designed with a careful eye on hydraulic pipe losses.



2 nozzles on ROC collar / stainless steel line



360° ROC collar rotation / flex line

- Stainless steel lines — durable lines are tested to 3,000 psi to ensure integrity. No corrosion.
- Flex line – Flexible nylon hose uses stainless steel compression fittings and accommodates any installation.
- ROC innovative rotating collar — This MicroCool exclusive allows each nozzle to be rotated 360 degrees. And, 1 or 2 nozzles can be mounted on the same collar for expanded installation flexibility.

MICROCOOL

A MeeFog Company

World leaders in fog and mist technology for cooling, humidification, air quality control

800-322-4364
+1 760-322-1111