# IBEX 5 PUMP SYSTEM



- 1,000 psi / 69 bars
- 5 US gpm / 19 lpm
- 5 hp / 3.7 kW

## DESCRIPTION

The IBEX series of pumps have been designed for industrial and commercial use. Each pump module is supplied with:

- Powder coated aluminum frame and NEMA 1 control cabinet
- Cat triplex plunger pump producing 1,000 psi
- WEG high efficiency TEFC motor
- Coupled WEG Variable Frequency Drive (VFD)
- Siemens logic control and HMI display panel
- UL 508A listed control panel
- Integrated 1,000 psi / 69 bars pressure transducer
- Low water pressure safety shutdown with automatic restart
- MicroCool energy/water conservation technology
- One year comprehensive warranty

## SPECIFICATIONS

| | |
|---|---|
| Size: 39 L x 30 D x 42 H inches | Flow Max: 5 US gpm / 2504 lbs/hr |
| Size: 991 L x 762 D x 1067 H mm | Flow Max: 19 lpm / 1135 kg/hr |
| Weight (approx.): 310 lbs / 141 kg | Flow Min: 1.3 US gpm / 651 lbs/hr |
| Pressure: 1,000 psi / 69 bars | Flow Min: 5.0 lpm / 295 kg/hr |
| Voltage: 208–600v 50/60Hz 3 phase | Nozzles: Min 52 / Max 250<br>Standard Nozzle: 0.008 in / 0.20 mm |
| HP / kW: 5.0 hp / 3.7 kW | Gauges: 2 inlet (filter differential pressure) |
| FLA: 7.8 amps @460V/3ph<br>19.5 amps @208V/3ph | Connections: 3/8" NPT outlet<br>3/4" NPT inlet |
| Filters: 2 x 10 inch, 10 & 5 micron | Control Panel: UL 508A |
| UV Filter Option: Yes | Frame: Powder coated aluminum (white) |

### 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 IBEX Series 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 IBEX Series Installation & Maintenance Manual for complete installation instructions and system maintenance requirements.

MICROCOOL

A MeeFog Company

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

**800-322-4FOG**

+1 760-322-1111