IBEX 1 PUMP SYSTEM



- 1,000 psi / 69 bars
- 1 US gpm / 3.78 lpm
- 1.0 hp / 0.75 kW

DESCRIPTION

The IBEX 1 pump is designed for light duty and small flow applications. 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: 36 L x 30 D x 32 H inches	Flow Max: 1 US gpm / 501 lbs/hr
Size: 915 L x 762 D x 813 H mm	Flow Max: 3.79 lpm / 227 kg/hr
Weight (approx.): 195 lbs / 89 kg	Flow Min: 0.26 US gpm / 130 lbs/hr
Pressure: 1,000 psi / 69 bars	Flow Min: 1.0 lpm / 59 kg/hr
Voltage: 208–600v 50/60Hz 1/3 phase	Nozzles: Min 10 / Max 50 Standard Nozzle: 0.008 in / 0.20 mm
HP / kW: 1.0 hp / 0.75 kW	Gauges: 2 inlet (filter differential pressure)
FLA: 1.9 amps @460V/3ph 10.5 amps @208V/1ph	Connections: 1/4" NPT outlet 1/2" 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.

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