

FanMistHC – High Pressure (1000 psi) “Dual Function” Winter Humidification & Summer Cooling System



Fan-Based High Pressure Systems are today's “Most Preferred” Design for Manufacturing Spaces

Model # IAT-FDHC-24 FanMistHC Specs



- 24” Polychiller Fans
- US Made – Black Powder Coat – Polyethylene Housing.
- Multi Positioning – Tilt & Lock Fan Angle; Column/Wall Mount Bracket.
- UL & ULC Certified – OSHA approved.

• Motor & Electrical: enclosed, maintenance free, direct drive, high efficiency, completely sealed ball bearings, auto-thermal overload. 1/2 Hp – 60 hz – 115V/4.8a, 230V/2.4a, 480V/1.2a – 1730 rpm – 6920 cfm – 100’ air throw – 10’ cord.

Multi-Position Brackets



• Winter Humidity Control

Automatically maintains your desired relative humidity (e.g. 45% @ 72°F).

• Summer Evaporative Cooling

Spot cooling and general cooling up to 10° cooler air.

Operational Features

• Accelerated Evaporation

Very high velocity air accelerates the evaporation of 1000 psi water above all equipment & work space.

• Flexible Fan Positioning

Fan plumes directed over fail safe work areas.

• Installer Friendly

Flexible pipe & slip-lok fittings for built-in flexibility.

• Built in Flexibility

For easy equipment changes or re-locations for future plant changes.

• Simplified Maintenance

Access to multiple nozzles at one time.

Operation: The zone humidistat/sensor operates the on/off cycle of the high pressure pump station supplying 1000 psi water to all fans maintaining your relative humidity at ±3% of your RH Set point.

System Components: (1) Heavy Duty High Pressure Pump Station; (2) Zone RH humidistat/sensor; (3) 3/8” High Pressure flexible tube & slip-lok fittings; (4) Fans w/ stainless steel misting rings & “synthetic mineral orifice insert” stainless steel nozzles.