



AIR CLEANING EQUIPMENT INC
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FanMist

Fan-Based High Pressure (1000 psi)
Humidity Control System

Information – Specifications

Fan-Based High Pressure Systems Featuring High Velocity Fans for Winter Humidity Control
– today’s “most preferred” industrial design for manufacturing spaces –

24” FanMist: 1/4 hp – 5580 CFM 48 or 72 lbs/hr/fan

2 Year
Warranty

30” FanMist: 1/4 hp – 7090 CFM 108 lbs/hr/fan

- **Accelerated Evaporation**

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

- **Maintains %RH Set-Point**

Automatically maintains your desired Relative Humidity Set-Point (e.g. 45%RH @ 72°F). The zone humidistat sensor operates the on/off cycle of the pump and all fans.

- **Flexible Fan Positioning**

36” dia x 20’ long fan plumes directed over safe work areas.

- **Built in Flexibility**

“Installer Friendly” system for easy equipment changes for future plant changes.

- **Simplified Maintenance**

Direct access to multiple nozzles.

- **Fans** UL 507 Certified for indoor / outdoor use.

- White aluminum blades.
- Powder coated/corrosion resistant guards and brackets.

- Quiet operation.
- Meets OSHA standards.

- **Motor** totally enclosed, maintenance free w/ direct drive high efficiency motors & completely sealed ball bearings, UL & ULC certified, built in automatic thermal overload protection.

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

Ceiling Mount



18” Fan (6 noz. – 15” dia. stainless steel mist ring)

#IAT-FMH.18 (3 spd – 1/8 hp – 115 V – 60 hz – 1 ph)

Amps	CFM	RPM	Cord Db
1.8/1.6/1.4	3120/2650/2010	1550/1339/994	12’ 45

24” Fan (8 noz. – 18” dia. stainless steel mist ring)

#IAT-FMH.24 (3 spd – 1/4 hp – 115 V – 60 hz – 1 ph)

Amps	CFM	RPM	Cord Db
2.8/2.4/1.9	5580/4730/4040	1088/874/774	18’ 65

Wall Mount



30” Fan (12 noz. – 24” dia. stainless steel mist ring)

#IAT-FMH.30 (3 spd – 1/4 hp – 115 V – 60 hz – 1 ph)

Amps	CFM	RPM	Cord Db
2.8/2.4/1.9	7090/5190/4290	1055/751/620	18’ 65