

FanMist – High Pressure (1000 psi) Humidification System

FanMist Humidity Control

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

Operational Features

- Accelerated Evaporation**
 High velocity air accelerates the evaporation of 1000 psi water above all equipment and 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**
 Easy 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 $\pm 3\%$ 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.



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

– Specifications –

18" Fan (6 nozzle stainless steel misting ring)				
Model #IAT-FDH-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 nozzle stainless steel misting ring)				
Model #IAT-FDH-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
30" Fan (12 nozzle stainless steel misting ring)				
Model #IAT-FDH-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
<ul style="list-style-type: none"> • UL 507 Certified for indoor and outdoor use – White aluminum blades – Powder coated/corrosion resistant guards and brackets – Quiet operation – Meets OSHA standards – Two Year System Equipment Warranty. • Motor totally enclosed, maintenance free, direct drive high efficiency motors with completely sealed ball bearings, UL & ULC certified, built in automatic thermal overload protection. 				