



# AIR and WATER SYSTEMS

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## INDUSTRIAL HUMIDIFICATION • PLANT COOLING



# ARCTICBLAST DUAL FUNCTION WINTER HUMIDIFICATION & SUMMER COOLING SYSTEM VERY HIGH VELOCITY FANS & HIGH PRESSURE WATER ATOMIZATION



**For large Industrial Spaces  
(over 8000 ft<sup>2</sup> / min. 12' ceilings)**

**Winter Humidification:** fans are pointed horizontal & system maintains desired RH "set point" control.

**Summer Cooling:** Fans are pointed toward areas for maximum cooling comfort (**6-10° F general cooling & up to 15° F spot cooling**). The zone humidistat sensor "set point" controls water to fans. Fans run continuously for maximum summer air movement & cooling.



### KEY FEATURES:

- Accelerated Rate of Evaporation
- Robust humidification, air movement & cooling capability for large spaces.
- "Installer Friendly" – easy to assemble modify or change as needed.

### LOW AMPS – HIGH CFM'S

**OPERATION:** Automatically maintains winter humidity "set point" for each zone with the built in capability for summer cooling comfort in large industrial spaces.

### ArcticBlast Product Guide • 3 Year Warranty

Wall, column, ceiling, yoke, or pedestal mount  
Output: 8 x 9.3 lbs/hr noz = 74.4 lbs/hr/fan

**22" 100' throw**  
H/C 5000 ft<sup>2</sup>  
5.1 amps  
115V / 1/2HP  
5800 cfm • 77 dba

**26" 135' throw**  
H/C 7500 ft<sup>2</sup>  
1.8 amps  
460V / 1HP  
7650 cfm • 86 dba

**30" 175' throw**  
H/C 10,000 ft<sup>2</sup>  
1.8 amps/460V/1HP  
12000 cfm • 90 dba



### SYSTEM COMPONENTS:

1. Pump Control Station (.3 gpm - 10 gpm)
2. High Pressure 3/8" Flexible Tube
3. Slip-Lok "Push-To-Connect" Fittings
4. Ceramic Insert HP/SS Nozzles
5. Stainless Steel Misting Rings w/ ball valve
6. Very High Velocity Fans w/ eight nozzles