

Model 592-9



Spray Humidifier

Ideal for Heat Pumps and Low-Temperature Heating Systems



Installation Package includes a Skuttle manual humidistat, self-piercing saddle valve, mounting template, mounting hardware, observation window and installation instructions.

Important: Installation of an A50 Interface Relay is recommended to ensure blower operation during humidifier cycle.

Specifications

- Dimensions (See photo, right)
- Plenum Opening.....4" high x 2-1/2" wide
- Extension into Plenum 2-3/8" past mounting surface
- Solenoid Valve.....24 volt, 6 watt, brass construction
- Standard Nozzle Size 0.50 GPH

NOTE: Ratings and calculations are in compliance with ARI Formula 610:

- Ceiling Height..... 8 feet
- Bonnet Temperature..... 120°F
- Return Air 75°F, 30% RH
- Total Static Pressure..... 0.20 inches

Features & Benefits

- **FOR USE IN SPECIALIZED APPLICATIONS ONLY:**
 - Designed for heat pumps and low-temperature heating systems
 - Water hardness must be 7 grains or less
 - Water pressure must be 40 PSI or greater
 - There must be 6 feet of straight, unimpeded ductwork after the spray nozzle
 - There must be no dead air space in the ductwork within 6 feet of the spray nozzle, where unevaporated water can collect
- **Durable, stainless steel atomizing nozzles** allow customized humidification and are easy to replace
- **Inline water filter** provides dependable, long-term operation
- **Copper catch basin** collects afterflow
- **Green light** scientifically indicates when unit is operating



Spray Nozzle Selection Chart

Part No.	Nozzle Size	40 PSI		60 PSI		80 PSI		100 PSI		120 PSI	
		GPH	GPD	GPH	GPD	GPH	GPD	GPH	GPD	GPH	GPD
1106-017	0.37	0.37	8.88	0.46	11.04	0.53	12.72	0.59	14.16	0.65	15.60
1106-018*	0.50	0.50	12.0	0.61	14.64	0.71	17.04	0.79	18.96	0.86	20.64
1106-019	0.75	0.75	18.00	0.92	22.08	1.05	25.20	1.18	28.32	1.30	31.20
1106-020	1.00	1.00	24.00	1.22	29.28	1.41	33.84	1.58	37.92	1.73	41.52
1106-021	1.50	1.50	36.00	1.83	43.92	2.12	50.88	2.37	56.88	2.60	62.40
1106-022	2.00	2.00	48.00	2.45	58.80	2.82	67.68	3.16	75.84	3.46	83.04

*Standard Equipment GPH = Gallons per Hour GPD = Gallons per Day

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