

Model 90



Bypass Drum Humidifier

An Excellent Choice for Warm Air Heating Systems



Installation Package includes a Skuttle manual humidistat, self-piercing saddle valve, bypass tubing, 24 volt transformer, summer shutoff damper, mounting template, mounting hardware and installation instructions/homeowner's manual.

Important: In hard water areas, addition of a Skuttle flushing timer is recommended.

Moisture Output Capacity

- Pounds per Hour.....5.91
- Gallons per Hour.....0.71
- Gallons per Day (GPD).....17.0

Specifications

- Dimensions.....(See photo, right)
- Plenum Opening.....7" high x 8-1/2" wide
- Bypass Opening/Tubing..... 6" diameter
- Drum Motor24 VAC, 3 watt, 1 RPM, bidirectional
- Evaporator Pad.....8-7/16" OD (6-11/16" ID) x 7-7/8" wide
(Evaporator Pad Replacement No. A04-1725-034)

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

- **Reversible components** permit versatile installation
- **Interior components remove easily** for cleaning or replacement
- **Durable, corrosion-resistant, stainless steel cabinet** helps ensure long life
- **Energy efficient technology** uses minimal water and electricity
- **Environmentally safe**—scientifically proven not to contaminate household air
- **Output capacity** of 17 gallons per day at 120°F

Home/Humidifier Sizing Chart

Maximum Home Size	Tight House	Average House	Loose House
Total Sq. Ft.	4,048	2,576	1,848
Total Cu. Ft.	32,381	20,606	14,783

Tight House = Insulated walls and ceilings; vapor barriers; weather stripping on doors and windows; snug doors, windows and fireplace damper. One-half air change per hour.

Average House = Insulated walls and ceilings; vapor barriers; loose doors, windows and fireplace damper. One air change per hour.

Loose House = No insulation, storm doors, storm windows, weather stripping or vapor barriers. Two air changes per hour.

