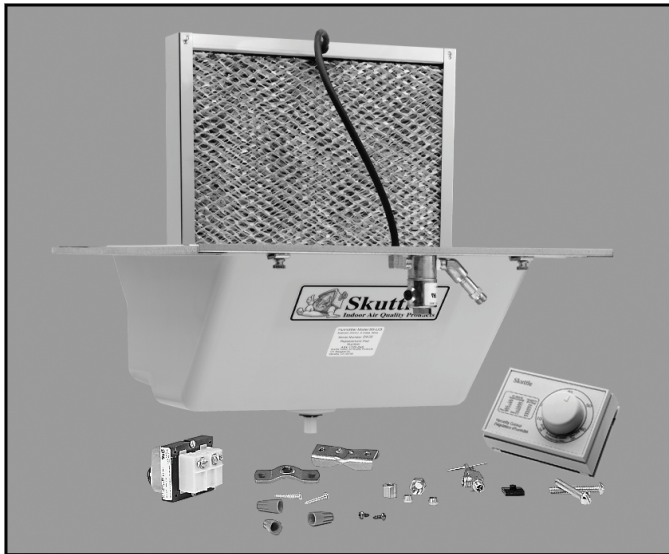


Model 55UD



Under Duct Flow-Thru Humidifier Ideal for Heat Pumps and High-Efficiency Heating Systems



Installation Package includes a Skuttle manual humidistat, self-piercing saddle valve, 24 volt transformer, mounting hardware and installation instructions/home-owner's manual.

Important: For any system using a multi-speed blower motor, addition of an A 50 Interface Relay (page 26) is recommended.

Moisture Output Capacity

Warm Air Duct Temperature °F	Pounds per Hour	Gallons per Day
120°	6.95	20.0
110°	6.54	18.8
100°	5.22	15.0

Specifications

- Dimensions (See photo, right)
- Extension into Duct 7-5/8"
- Extension below Duct 6-3/8"
- Duct Opening 12" x 16"
- Minimum Duct Width 12"
- Solenoid 24 VAC
- Evaporator Pad 12-3/4" high x 10-7/8" wide x 1-5/8" thick
(Evaporator Pad Replacement No. A04-1725-045)

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

- **Mountable on horizontal ducts** as small as 12" wide and 8" high
- **Easy to maintain**—unique mounting frame allows easy removal from duct for cleaning and servicing
- **Durable, corrosion-resistant thermoplastic cabinet** helps ensure long life
- **Energy efficient technology** uses minimal electricity
- **Environmentally safe**—scientifically proven not to contaminate household air
- **Output capacity** of 20 gallons per day at 120°F

Home/Humidifier Sizing Chart

Maximum Home Size	Tight House	Average House	Loose House
Total Sq. Ft.	4,762	3,030	2,174
Total Cu. Ft.	38,095	24,242	17,391

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.

