

Supplementary Installation Instructions for Skuttle Model 60-BC1 Steam Humidifier

NOTE: For plumbing, wiring, maintenance instructions and replacement parts, refer to the 60-series installation instructions manual, *Installation Instructions for Model 60-Series High-Capacity Steam Humidifiers*.



Skuttle's Model 60-BC1 is designed to be free standing or connected to the duct. As a free-standing unit, the humidifier may be placed on a nonflammable (e.g., steel) shelf or table. (See Figure 1, below.) It also may be hung from exposed ceiling joists, as shown. (See Figure 2.)

INSTALLATION INSTRUCTIONS

- 1. Before installing the humidifier, remove the orange label and cardboard packing on and around the grille.
- 2. Check and adjust the unit's water level as indicated in the installation manual.
- 3. If the unit is to be connected to the duct, remove the inlet and outlet grilles to help increase airflow.

- 4. To connect the unit to ridged ductwork, use duct size 12" x 12" (30.48 x 30.48 cm) and S-cleats.
- 5. Remove the outlet and intake grilles from the humidifier.
- 6. Run the duct to a finished wall or floor, and cut an opening to fit. Place a grille or diffuser on the outlet. (If appropriate, do the same for the intake side of the humidifier.)

CAUTION: In the event of a mechanical malfunction, the humidifier could overflow. **To** prevent water damage, connect the overflow fitting to an appropriate drain.

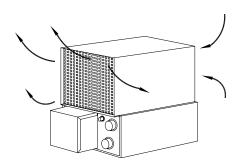


Figure 1: 60-BC1
Free Standing

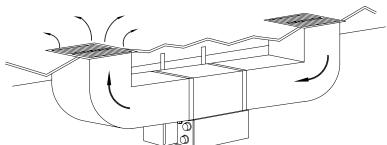


Figure 2: 60-BC1 Connected to Duct

See Wiring Diagram (Figure 3) on Back ▶▶▶

120 VAC (NEMA CONFIGURATION 5-15P) 120V/24V TRANSFORMER 1500W 120V HEATING ELEMENT - Milling MILLER ≷ 쑮 \geq ≥ 쑮 쑮 FLOAT SAFETY SWITCH 24V RELAY 쑮 $\frac{1}{2}$ 쑮 쑮 2 BLOWER DISCONECT FEMALE Ø 0 BLOWER DISCONECT MALE HUMIDISTAT æ æ 120V BLOWER MOTOR

Figure 3: Skuttle 60-BC1 Wiriing Diagram