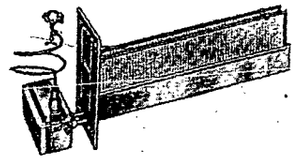
CONVECTOR HUMIDIFIER

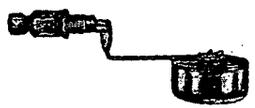
Maid-O'-Mist Convector Humidifier has no flat bottom to block the flow of warm air. Their individual ⅜ in. copper water troughs are spaced 1 in. apart to allow unrestricted air flow between the evaporator pads. Maid-O'-Mist Convector Humidifiers are designed for use with radiators and cabinet convectors in hot water heating systems and for all types of warm air furnaces.



2 Trough Convector Humidifier

NO. 50 SERIES FLOAT CONTROL VALVES

The No. 50 Series Float Control Valves are precision designed to fill requirements for humidifying units, pan fillers, air conditioning equipment, evaporative coolers, air washers and other applications where dependable water level control is essential in limited space to meet various operating conditions.



(No. 51 float control valve)

(No. 52 float control valve)

***No. 51 Float Control Valve.** Only 5¾ in. long overall, including copper float which is 2⅛ in. diameter by 1¼ in. deep. Valve body is made of hex-brass rod with removable, raised, hard nylon valve seat. Valve stem is brass with an incased heat and oil resistant, special Neoprene washer. Valve seat is protected with a 100 mesh Monel Metal screen. Valve body is fitted with two ¼ in. I.P. locknuts for horizontal mounting securely in 5/16 in. hole—or valve may be screwed directly into tapped opening. Supply is equipped with union coupling for ¼ in. O.D. copper tubing. Working pressures up to 85 lbs, with capacity of ½ gal per minute at 50 lbs pressure.

***No. 52 High Duty Float Control Valve.** Same general construction as No. 51 but designed for use where a larger volume of water is required. Capacity 1 gal per minute at 50 lbs pressure, with working pressures to 125 lbs. Overall length 8 in. with oversized float 1½ in. diameter by 4⅛ in. long.

***No. 53 High Duty Float Control Valve.** Same general construction as No. 52 except valve is vertically mounted with special bracket as integral part for mounting on reservoir or pan, well above water line. Only 6½ in. long. Non-back-siphoning when installed according to instructions.

***No. 59 Float Control Valve.** Same general construction as No. 51 valve, except valve is vertically mounted with special bracket as integral part for mounting on reservoir or pan, well above water line. Non-back-siphoning when installed according to instructions. Only 5 in. long.

*NOTE: Nos. 51, 52, 53 and 59 can be furnished with a ⅜ in. I.P. male connection at additional cost, when specified on order.

Series 6900—Water Line Float Control Diaphragm Valves. The No. 6900 Series float control valves are heavy duty large capacity water level controls. Rugged, strong and precision made, the cast brass body is fitted with a removable chromium valve seat. Controlled water level is accomplished through the action of the oversized copper float, linkage and special Neoprene diaphragm. Valve can be furnished to discharge water in an upward or downward position as specified. Inlet and outlet tapping ⅜ in. I.P. Capacities from 1¼ gal to 6 gal per min. The No. 6927 Brass Mounting Plate (3 in. diameter) with gasket and screws is used where special mounting of the No. 6900 Series Valves is necessary. Write for prices and descriptive literature.

JOHN J. NESBITT, INC.

Philadelphia 36, Pa.

NESBITT UNIT HEATERS are designed to circulate large volumes of air at comparatively low temperatures, assuring quick heating.

Ratings of Nesbitt Unit Heaters are based on tests made in accordance with standard test code of *Industrial Unit Heater Association* and ASHVE.

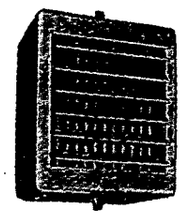


Fig. 1. Standard Propeller-Fan Type

PROPELLER FAN UNIT HEATERS

Designed to incorporate four characteristics essential to both proper application and satisfactory performance: 1.) *Selective range of sizes.* Manufactured in nine sizes. Heating capacities from 34,700 to 338,000 Btu per hour. Air deliveries from 470 to 4800 cfm. 2.) *Quiet Operation.* All fans have blades of exceptionally large areas and of a shape to impart a gradual acceleration to the air stream. Ample spacing is maintained between the fan and heating element. Motors are low speed or two speed (optional). 3.) *Durable lightweight Heating Elements.* Standard or low temperature, extended fin-and-tube type, constructed of copper condensing tubes and plate-type aluminum fins. 4.) *Modern Casing Design.* Compact suspended type. *Pub. 401.*

GIANT BLOWER-FAN UNIT HEATERS

Large capacity units for: heating and/or ventilating, free delivery or static pressure, steam or water systems. Twelve basic sizes, each with one of three standard steam coils, three distributing-tube coils, or with a single, two, three, or four-row hot water coil. Air deliveries from 2000 to 28,000 cfm. Basic steam ratings, 83,000 to 1,735,000 Btu/hr. Hot water capacities from 50,000 to 2,460,000 Btu/hr, 1800 to 3400 fpm. Control may be STANDARD—periodic fan operation; THERMADJUST—continuous fan operation with thermostat-controlled dampers; or VALVE-CONTROLLED—with thermostat controlling steam supply. Horizontal-suspended, wall, inverted or floor-mounted with wide choice of cowls, fans, dampers, filters and other accessories. *Pub. 404.*

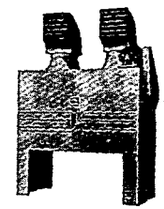


Fig. 2. Blower-Fan Type

LITTLE GIANT UNIT HEATERS

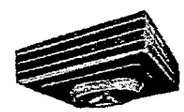


Fig. 3. Down-Blow Type

Adaptable to a wide variety of applications and field conditions. Eight basic sizes, each with a choice of two (some units three) heating elements. The three smaller sizes are of the blow-through type, having lower outlet velocities generally intended for the lower mounting heights of commercial installations. These sizes in down-blow type only. The five larger models are of the draw-through type; produce the high discharge velocities necessary to blow long distances. These five available for either horizontal or vertical down-blow.

Durable lightweight Heating Elements. Extended fin-and-tube type, copper condensing tubes and plate-type aluminum fins. Steam capacities from 28,500 to 510,000 Btu. *Pub. 402.*

SERIES "C" UNIT HEATERS

The new Series "C" permits complete flexibility of design and operation. Units are available for floor mounting, horizontal, wall or inverted applications and can be installed fully recessed, semi-recessed or free standing. The discharge or intake can be face, top or bottom—direct or with ducts. Available in five basic sizes—46 basic capacities ranging from 25,000 to 148,000 Btu per hour. For steam or hot water. *Pub. 403.*

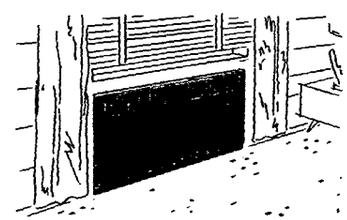


Fig. 4. Series "C" Unit Heater.