

Thermostatic Traps—Series 7 and 5 for low pressure vapor and vacuum steam heating service, radiators and drips. $\frac{1}{2}$ in., $\frac{3}{4}$ in., and 1 in. sizes. There are 6 body models in the $\frac{3}{4}$ in. size alone. Maximum pressure, 25 lb per sq in. Series 7 (diaphragm type) described in Bulletin B-702. Series 5 (bellows type) described in Bulletin B-701.

Series 78 for discharge of air and water from heating coils of any apparatus using steam at pressures up to 150 lb per sq in. $\frac{3}{8}$ in., $\frac{1}{2}$ in., $\frac{3}{4}$ in., and 1 in. sizes. Ask for Bulletin B-1200.

Heavy Duty or Drip Traps—Series "26" Float-and-Thermostatic for heating and air conditioning. Most used sizes: 00026, 0026, 026. Pressures up to 15 lbs per sq in. Made for the pressure and capacity conditions encountered at all drip points. Series "79" Float-and-Thermostatic for process. For pressures up to 150 lbs per sq in. For use where large volumes of hot condensate must be handled more quickly than is possible by thermostatic traps alone. Ask for Bulletins.

Strainers—Dirt: $\frac{1}{2}$ in. to 6 in. sizes. Maximum working pressure 150 lbs per sq in. Placed ahead of traps in return lines of steam-using equipment and steam heating systems to catch dirt and other particles, preventing them from impairing the tightness of the traps. Suction: Maximum working pressures 15 lbs per sq in. Installed ahead of vacuum pump to prevent dirt from damaging pump. Ask for Bulletin B-709.

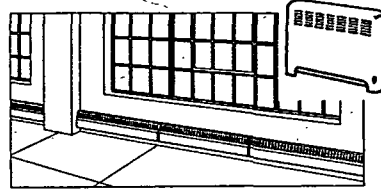
Boiler Protectors—One size, with $\frac{3}{4}$ in. connections with or without electrical cut-out switch. Maximum pressure 15 lbs per sq in. Maximum cold water main pressure, 150 lbs per sq in., minimum not less than 25 lbs per sq in. Prevents breakage in low pressure heating boilers when the water level becomes inadequate. Ask for Bulletin B-727.

Other Steam Heating Specialties—Double Service Valves, Check Valves, Lift Fittings, Gauges, Motorized Valves, Steam and Oil Separators, Sight Glasses, Vacuum Breakers. Ask for Bulletins.

RADIATION AND HEATING SURFACE

Webster System Convactor Radiation—Non-ferrous convactor radiation. Each Webster System Radiator includes a complete enclosure of furniture steel with baked prime coat. Choice of two types of enclosure, fully recessed, with

metal front or free standing floor cabinet. Contained within the enclosure in a prefabricated unit, combining heating sur-

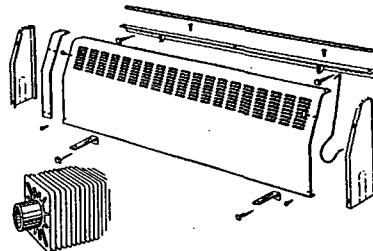


Wall-to-wall application of Webster Walvector. Inset, Webster System Convactor Radiator.

face, valve, trap and union connections, shipped ready to connect to supply and return piping.

Webster System Radiation was first offered in 1932. Now, available in an improved design, using the same basic material, copper tubing and aluminum fins. Increased rigidity of the tubing and the development of a new method of manufacturing has produced a fin surface of unusual rigidity, free of expansion and contraction noises. Ask for Bulletin B-1500.

Webster Walvector—Elongated, non-ferrous convector. Heating element is made up of a specially annealed copper tubing with rib-reinforced, square pressed aluminum fins. Available in two fin sizes: 3 in. fin size in 2, 3, 4, 5 and 6 ft; 4 in. fin size in 2, 4, 6 and 8 ft lengths.



Exploded view of Webster Walvector including cutaway view of fin-and-tube type heating element.

Enclosure available in four types, for mounting along outside wall close to floor or under windows. Delivered as complete "package," it includes all components needed. Can be used as separate convector unit or for wall to wall application. Available without cover for low cost installation. For steam or hot water heating. Radiation may be orificed for steam installations. Ideal for educational or institutional buildings and other commercial structures. Ask for Bulletin B 1551.

WEBSTER-NESBITT UNIT HEATERS

Manufactured by John J. Nesbitt, Inc., Philadelphia 36, Pa., and distributed solely through Warren Webster & Company, Camden, New Jersey. Designed to circulate large volumes of air at comparatively low temperatures, assuring quick heating.

Ratings of Webster-Nesbitt Unit Heaters are based on tests made in accordance with standard test code of *Industrial Unit Heater Association* and A.S.H.V.E.

PROPELLER FAN UNIT HEATERS

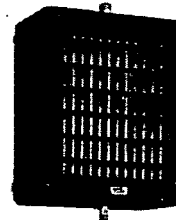


Fig. 1. Standard Propeller-Fan Type

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 of sleeve bearing type equipped with isolators. 3.) *Durable lightweight Heating Elements.* Extended fin-and-tube type, constructed of copper condensing tubes and plate-type aluminum fins. 4.) *Modern Casing Design.* Compact suspended type. Pub. W-N 126.

GIANT UNIT HEATERS

Sturdy blower-fan units for the economical heating of large areas. *Standard (Non-Thermostat) Type.* Used principally where heating is by recirculation only, and where constant heat output is desired during operation. *Thermostat Type.* Employs dampers in front of casing and over face of heating element to provide mixing of unheated and heated air, producing heat output in accordance with requirements and continuous circulation of air volume. *Valve Controlled Type.* Unit is of standard casing arrangement but equipped with Nesbitt Heating Surface and Steam-distributing Tubes for automatic control of heat output. Floor mounted, wall mounted, ceiling suspended, from 101,000 Btu/hr, 2450 cfm, to 1,008,000 Btu, 16,350 cfm. Pub. W-N 128.

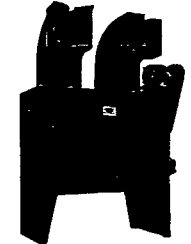


Fig. 2. Blower-Fan Type

LITTLE GIANT UNIT HEATERS

Adaptable to a wide variety of applications and field conditions. Seven 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 four larger models are of the draw-through type; produce the high discharge velocities necessary to blow long distances. These four available for either horizontal or vertical down-blow.

Non-ferrous all-purpose heating elements designed for steam pressure up to 200 lb gauge, saturated, and sturdy casings of modern design. Heating capacities range from 28,500 to 348,000 Btu basic steam ratings. Pub. W-N 134.



Fig. 3. Down-Blow Type

SERIES "R" UNIT HEATERS

A neat, furniture steel cabinet enclosing a copper-tube, aluminum-fin heating element adaptable for steam or forced hot water systems; and two to five centrifugal fans belt-driven from an electric motor. A variable-pitch motor sheave permits low or high speed fan operation. Universal design offering wide flexibility and quiet operation. Available in four sizes. Air deliveries with standard drive range from 518 to

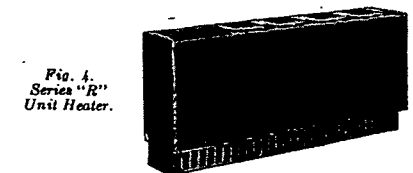


Fig. 4. "R" Unit Heater.

1890 cfm. Steam heating capacities from 158 to 588 EDR. Pub. W-N 133.