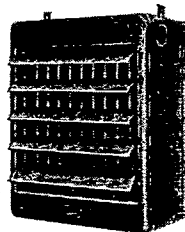


DUNHAM UNIT HEATERS

Horizontal Discharge Type

Type V. Supplies proper volume of air at reasonably low outlet temperatures. Available in two models—H and HM. HM model, having less fin surface and lower final temperatures, is for higher steam pressures. Sturdy steel case assures maximum rigidity and freedom from vibration. Furnished with constant-speed, two-speed or multi-speed motors. Manufactured in 11 sizes. Capacities at 2 lb steam, 60 deg entering air: 15,600 to 360,000 Btu per hr.



Type V Heater

Vertical Discharge Type

Type C. Discharges air stream vertically downward. Outlet temperatures relatively low. Volume of air kept high to promote uniform heat distribution horizontally, as well as to equalize temperature differences between floor and ceiling. Four types of diffusers available.

Heating element of non-ferrous materials. Fins are copper or aluminum. Tubes are heavy copper—expanded into fins to provide a positive permanent mechanical bond—then silver soldered into cast bronze or copper headers.



Type C Heater

Manufactured in 7 sizes. Capacities at 2 lb steam, 60 deg entering air: 32,800 to 492,000 Btu per hr.

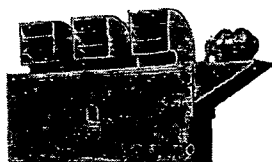
Blower Unit Heaters

Type R. Available with mixing dampers, by-pass dampers and filter sections for heating and ventilating large areas, or for heating only.

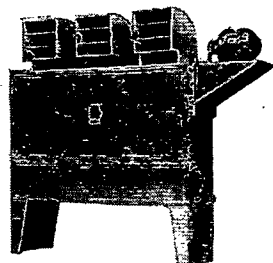
Belt-driven centrifugal type blower fans use constant speed 1750 rpm motors on 60 cycle or DC current. Fans are double width, double-inlet type with forward pitched blades. Self-aligning, dust-proof ball bearings support fan shaft.

Heating element is replaceable tube type. Brass clamping nuts securely fasten seamless drawn copper tubes into semi-steel cast headers. All essential parts readily accessible, and can be removed through either end of heater casing.

Working pressure: up to 150 psi steam. Capacities at 2 lb steam, 60 deg entering air: 105,000 to 822,500 Btu per hr.



Wall type heater



Floor type heater with mixing damper. Also available with elongated nozzles.



Ceiling type heater

DUNHAM HEATING SPECIALTIES

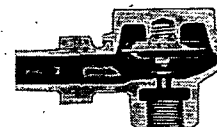
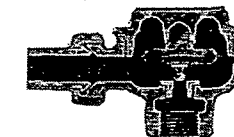
Radiator Traps

For all types of low pressure steam heating systems up to 25 lbs gage. Dunham design assures freedom from clogging; thorough draining of radiators by gravity; minimum wear on parts.

Body and cover of cast bronze; disc of Monel metal. Round, slightly raised valve seat minimizes depositing of in-crustants.

Size	Pattern	Tapping	*Cap. Sq Ft EDR
1 E	AP SW RH LH VST	1/2"	200
2 E	AP SW AP	3/4"	400
3 C	AP	1"	700

* Ratings are based on 1/4 lb condensation per sq ft of EDR per hour and a 1 1/2 lb pressure differential.

Radiator Trap,
No. 1E, 2E, 3CThermostatic
Steam Trap
Type TH-1A

Float and Thermostatic Traps

Especially adaptable for service as a drip-trap for dripping ends of steam mains, unit heaters and all types of heat exchangers. Capable of handling large

amounts of air and water. Float is made of copper. Float valve and seat are Monel metal. Body can be removed for inspection of working parts without disturbing piping connections. Operating pressures up to 15 psi gage. Sizes: 3/4 in., 1 in., 1 1/4 in., 1 1/2 in., and 2 in.; respective capacities: 800, 2000, 4800, 9600 to 20,000 EDR at 1/4 lb condensate per sq ft per hr with 2 lb pressure differential. Series 31 closed float traps available in same capacities.

Float and Thermostatic
Trap, Series 30

Inverted Bucket Traps

For venting air and draining water from high pressure steam lines, heat exchangers, sterilizers and processing equipment. Traps increase heat transmission efficiency and hold equipment capacity to a maximum.

Body and cover of high tensile iron castings. Valve and seat (renewable and interchangeable) are special hardened, corrosion-resistant steel. Sheet copper bucket. Capacities range from 400 lbs to 5600 lbs of condensate per hour.

Operating Pressures: 20 to 150 lbs gage.

Sizes: Type OBS 1/2 and 3/4 in.

Type OB 1/2 to 1 1/4 in. inclusive.



Inverted Bucket Trap