

Fig. 559A

**740 SERIES DUNHAM RADIATOR VALVE
(Spring Packed)**

Designed for low pressure steam heating service. Bodies are brass castings, rough finish. The valves are equipped with heavily constructed brass union nuts and nipples. All pipe threads and tappings are carefully machined and checked to standard gages. Non-rising stem, requires less than one turn of handle to open the valve fully. Dial shows direction and amount of opening. Heavy bronze spring keeps a constant pressure on a special graphited asbestos composition ring to maintain a tight seal around the valve stem.

**PACKLESS RADIATOR VALVE, SERIES 1140
Wheel Handle**

Suitable for all types of low pressure steam heating systems. The bellows construction, the non-rising stem, low bonnet, heat-resistant composition handle requiring less than one turn to open the valve fully, recommend this valve for services in which long-wearing quality, absolute tightness and attractive design are desired.

Bodies and bonnets are brass castings, rough finish. The valves are furnished with heavily constructed brass union nuts and nipples. The expansion member is the built-up type of bellows, fabricated from tinned phosphor bronze giving maximum resiliency and wear. The expansion member not only prevents leakage of steam, air and water, but also prevents steam, water and dirt from clogging and corroding the spindle nut and screw.

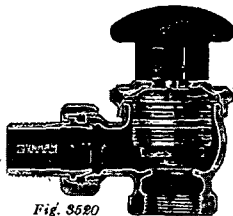
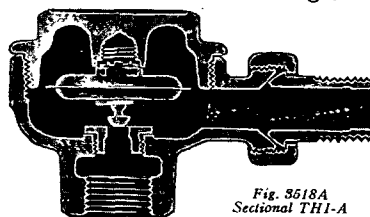


Fig. 5580

**DUNHAM THERMOSTATIC STEAM TRAPS—TYPE TH
For Working Pressures 25 Lb to 100 Lb**Fig. 5518A
Sectional TH1-A

Construction—Type TH traps are the thermostatic fluid expansion type.

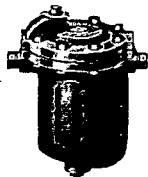
The trap consists of two principle parts, a body with renewable valve seat and a cover containing the expansion thermostat. Permanent adjustment for correct operation is built into the element. The covers may be removed from the trap body while hot without danger to the thermostatic element. The valve is swiveled to insure its seating tightly without causing localized stresses on the element. Body, cover, nut and nipple are of brass; valve and seat are

of special heat treated stainless steel; thermostatic element is formed from monel metal sheet.

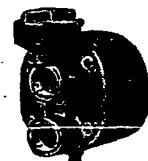
DUNHAM INVERTED BUCKET TRAPS

Type OB For Operating Pressures up to 250 lb.

Type OBS For Operating Pressures up to 150 lb.



Type OB sizes are ½ in. to 1¼ in. inclusive, Type OBS made only ½ in. and ¾ in. sizes, right hand female tappings. Body and cover are of high test semi-steel castings and are provided with a plugged opening at the lowest point of the body. The valve and seat, which are renewable and interchangeable, are constructed of especially hardened, corrosion resisting steel. Bucket is formed from sheet copper. Cover cap screws are steel.

**DUNHAM FLOAT AND THERMOSTATIC TRAPS**

30 Series—For Operating Pressures up to 15 lb Gage

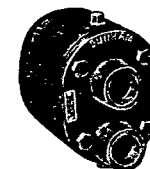
Trap is comprised of a cover and mechanism assembly and a body. Thermostatic disc and valve controls flow through a cored passage between the trap body and the discharge tapping for the release of air. The float is cuprous material. The float valve and seat are monel metal. Thermostatic elements are interchangeable. The trap body can be readily removed without disturbing piping connections

to fully expose the working parts for inspection. Covers and disc assembly are interchangeable. Capacities, based on a rate of ¼ lb condensate per sq ft of EDR per hour, at a pressure difference between inlet and outlet of 2 lb gage, 800, 2000, 4800, 9600, 20000. Female right-hand threaded inlet and outlet. Connections ¾ in., 1 in., 1¼ in., 1½ in. and 2 in.

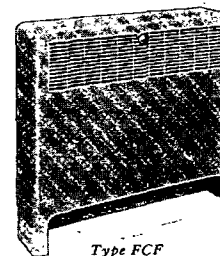
DUNHAM CLOSED FLOAT TRAPS

31 Series—For Operating Pressures up to 15 lb Gage

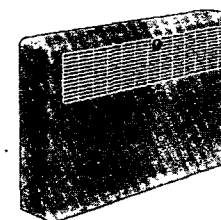
This trap is designed to release water only from low pressure steam installations. It may be used for dripping rise in steam main, and other applications where no air is to be handled. These traps are similar in construction and capacities to the Float and Thermostatic Trap except thermostatic feature is omitted.

**DUNHAM CABINET CONVECTORS
With Non-Ferrous Heating Element**

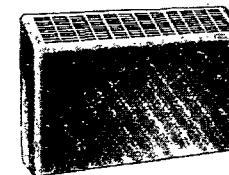
Dunham Convectors can be used on steam or vapor, and gravity or forced hot-water heating systems. EDR capacities with 1 lb steam, 65° F entering air range from 12 to 108 sq in. EDR. Made in 4 in., 6 in., 8 in. and 10 in. widths; 20 in., 24 in., 32 in. enclosure heights; casing lengths from 18 in. to 64 in. Casings are constructed of No. 18 gage steel with removable fronts having rounded corners for pleasing appearance. The outlet grille consists of horizontal openings punched in the casing front. Dampers can be furnished when so ordered. Heating element is constructed of non-corrosive materials, copper or aluminum fins on seamless drawn, round copper tubes brazed to bronze headers. The tubes are expanded after assembly to assure intimate contact between fin and tube for permanent heat transfer. Heavy side plates protect the fins from damage. The elements are tested at a hydrostatic pressure of 400 lb per sq in. and are suitable for operation on 150 lb steam or water working pressure. Either end or top and bottom tapped headers (¾ in. I.P.S.) can be supplied.



Type FCF



Type WCF



Type WCST

DUNHAM AIR CONDITIONING UNIT

This single unit, when correctly installed, offers complete air conditioning, including warming and humidification for the heating season and cooling and dehumidification for the summer, with filtering, ventilation and circulation of air the year 'round. These combined services are rendered with a minimum requirement of space and a high functional efficiency which guarantees genuine satisfaction and genuine economy.

The modernized 1946 model and details of construction, etc., will be available in the Spring of 1946.

