

740 SERIES DUNHAM RADIATOR VALVE

(Spring Packed)

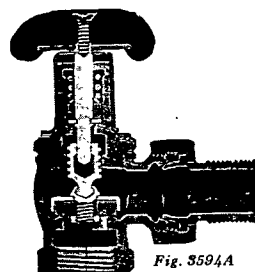


Fig. 3594A

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 steel spring keeps a constant pressure on a special graphited asbestos composition ring to maintain a tight seal around the valve stem.

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 1/2 in. to 1 1/4 in. inclusive, Type OBS made only 1/2 in. and 3/4 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

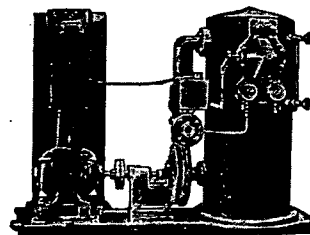
30 Series—For Operating Pressures up to 15 lb Gage



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 copper alloy. 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 Assemblies are interchangeable. Capacities, based on a rate of 1/4 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 3/4 in., 1 in., 1 1/4 in., 1 1/2 in. and 2 in.

Dunham Closed Float Traps In Same Capacities



Type VR

DUNHAM PUMPS

Tested and Rated with A.S.H.V.E. Code.

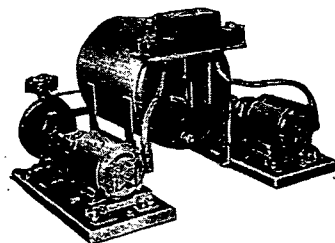
Vacuum Pumps

Made in 9 sizes from 2500 to 65,000 EDR to be applied in accordance with EDR load, no allowance necessary for piping. Furnished as single or duplex units with a separate accumulator tank to take care of low returns. Each automatic pump has its own control panel wired through to motor. Selector switch on panel permits pump to operate on full vacuum and float control.

Pump and motor assembled on rigid cast iron base. Bronze fitted centrifugal pump has non-corrosive shaft. Enclosed type Impeller. Liberal size ball bearings.

Type CH—Model C, Single and Duplex—Capacities 2000 to 50,000 sq ft EDR discharge pressures 20 to 50 lbs; 60 cycle d.c. or a.c. 1750 rpm; 25 or 50 cycle a.c., 1450 rpm.

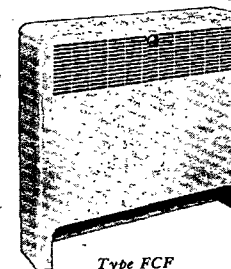
Type CHH—Model C, Single and Duplex—Capacities same as type CH. Discharge pressures 20, 30, 40, 50 and 70 lb. 60 cycle d.c. or a.c. 3450 rpm; 25 or 50 cycle a.c., 2850 rpm.



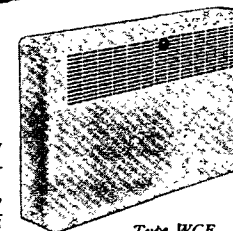
DUNHAM CABINET CONVECTORS

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 ft 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 (3/4 in. I.P.S.) can be supplied.

Type FCF
Convector

Heating Element

Type WCF
Convector

DUNHAM UNIT HEATERS

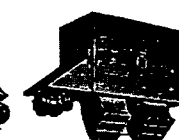
Types Cand R are essentially industrial type units designed for heating large spaces. Type C, discharging large volumes of heated air downward to working levels, distributes heat evenly over large areas.



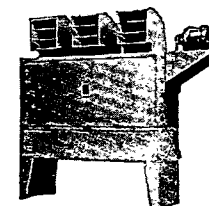
Type R—Wall Type



Type R—Ceiling Type



Type R—Inverted Wall Type

Type C—Built in various
sizes up to 2000 sq ft EDR.Type R—Floor Type with
mixing damper also fur-
nished with elongated
nozzles

Type R is available in various types of mounting as shown. All units have belt driven centrifugal type fans using constant speed 1750 rpm motors. Complete heating element and complete fan and shaft assembly can be removed through either end of casing. Heating element is replaceable copper tube type.

Type V—Horizontal
propeller fan type.
Built in various sizes
from 65 up to 1500
sq ft EDR.

DUNHAM AIR CONDITIONING UNIT

This single unit, when correctly installed, supplies heated air in winter and cooled and dehumidified air in 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.

