

## DUNHAM HEATING SPECIALTIES

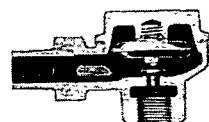
## Radiator Traps

For all types of low pressure steam heating systems up to 15 lb 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.<br>Sq Ft<br>EDR |
|------|----------------------------|---------|-----------------------|
| 1 E  | AP<br>SW<br>RH<br>LH<br>VS | 1/4"    | 200                   |
| 2 E  | AP<br>SW                   | 3/4"    | 400                   |
| 3 C  | AP                         | 1"      | 700                   |

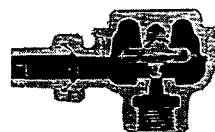
\* Ratings are based on 1/4 lb condensate per sq ft of EDR per hour and a 1 1/2 lb pressure differential.



Radiator Trap,  
No. 1E, 2E, 3C

## 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 and 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.



Thermostatic  
Steam Trap,  
Type TH1A



Float and Thermostatic  
Trap, Series 30

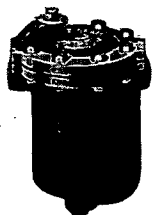
## Inverted Bucket Traps

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 lb to 5600 lb of condensate per hour. Operating Pressures: 20 to 150 lb gage.

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

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



Inverted Bucket Trap,  
Types OB, OBS

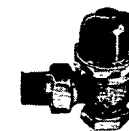
## DUNHAM HEATING SPECIALTIES

## Valves

## "Oriflex" Valves

Self-contained, adjustable orifice valves, packless bellows-type for proportioning steam supply to each radiator.

Valve need not be disconnected to make adjustments. Merely remove handle, insert key on adjustment stem and turn orifice to desired setting. Sizes: 1/4 and 1/2 in.



"Oriflex" Valve,  
Type 175

## Packless Valves

For all types of low pressure steam heating systems. Body and bonnet are brass castings. Heavily constructed brass union nuts and nipples. Phosphor-bronze bellows sealing member gives maximum resilience and wear; prevents leakage; keeps steam, water and dirt from clogging and corroding spindle nut and screw. Non-rising stem. Heat resistant composition handle. Sizes: 1/4 to 1 1/2 in. inclusive.



Packless Valve, Type 1140

## Spring Packed Valves

For low pressure steam heating services. Body is brass casting, rough finish. Heavily constructed brass union nuts and nipples. Non-rising stem. Valve opens fully on less than one turn—dial shows direction and amount of opening. Heavy spring keeps constant pressure on special graphite asbestos composition packing to maintain tight seal around valve stem. Sizes: 1/4 to 2 in. inclusive.

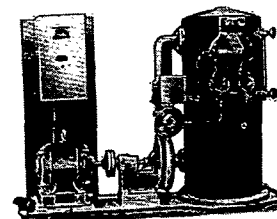


Spring Packed Radiator  
Valves, Type 740

## DUNHAM PUMPS

## Vacuum Pumps

Furnished as single (Type VR) or duplex (Type VRD) units. Separate accumulator tank available for handling low returns. Each pump has own control panel wired through to motor. Pumps efficiently maintain desired vacuum range on return lines and deliver condensate direct to low pressure boiler. Selector switch on panel permits pump to operate on fully automatic, continuous, or float control.



Type VR, Model B Pump, for capacities  
from 25,000 to 65,000 EDR.



Type VR, Model C  
Pump, for capacities  
up to 20,000 EDR.

## Condensation Pumps

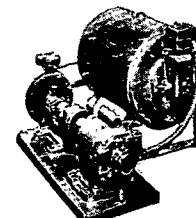
Complete, compact assemblies for automatically returning condensate to boilers for gravity heating systems or steam process equipment. Also manufactured as Boiler Feed Pump.

Type CHV—Single and Duplex—3450 rpm for pressures up to 20 lb. Capacities 2,000 to 10,000 EDR. Low priced pump.

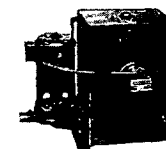
Type CH—Model D, Single and Duplex—1750 rpm for pressures 50

lb and lower. Capacities 2,000 to 50,000 EDR. Rugged pump for heavy duty applications.

Type CHH—Model D, Single and Duplex—3450 rpm for higher pressures up to 70 lb. Capacities 2,000 to 50,000 EDR. Rugged pump for heavy duty applications.



Single Condensation Pump,  
Type CH (CHH)



Single Condensation  
Pump, Type CHV