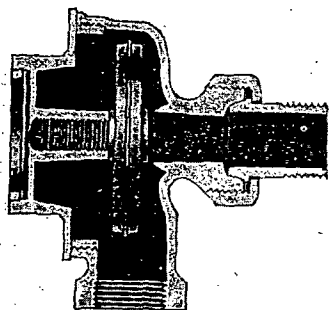


Sterling Engineering Co.

419 Third Street

Milwaukee, Wis.

Thermostatic Traps, Packless Valves, Return Traps



Sterling Thermostatic Trap

The Sterling Thermostatic Radiator Trap is designed for use on both vacuum and vapor heating systems. It is an all brass trap constructed with a vertical diaphragm with a flat seat. The expansion of the diaphragm closes the trap against the steam pressure. The vertical seat is a self-cleaning feature as dirt and scale after passing the seat drop down into the return line instead of collecting inside the trap. The diaphragm is the result of long and careful experiments. The metal is carefully tested before being used and the greatest care is exercised by skilled mechanics to insure perfection in each diaphragm. They are guaranteed to function properly for a period of at least five years.

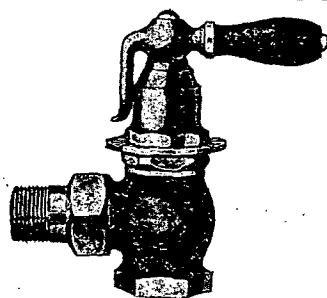
Capacities and Sizes

No.	Size	Capacity
1	1/2	Up to 100 sq. ft. rad.
2	1/2	100 to 200 sq. ft. rad.
3	3/4	200 to 500 sq. ft. rad.
4	1	500 to 1000 sq. ft. rad.

Sterlco Slide Valve Return Trap

The Sterlco Slide Valve Return Trap differs in principle from other return traps on the market by utilizing the sliding type of valve and besides draining return lines of heating systems and returning water to boilers, it will lift liquids to higher levels where steam or air pressure is available.

Size Return Traps	Sq. Ft. Surface	Inlet and Outlet	Steam Connect.	Vent Connect.	Height	Length Overall	Shipping Weight	List Price
1	2000	1 1/2"	3/4"	3/4"	14"	20 1/2"	150	\$100.00
2	4000	2"	3/4"	3/4"	16"	26"	190	125.00
3	7000	2"	3/4"	3/4"	18"	32"	250	150.00

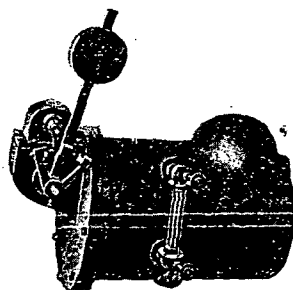


Sterling Graduated Packless Valve

The Sterling Graduated Packless Radiator Valve is of the Jenkins Disc Type. A half turn of the handle will open or close it. A graduated dial indicates the degree of opening through the valve. The valve is neat in appearance, easily dismantled as all parts are threaded and screwed together and does not require packing. These valves are furnished with either lever or wooden wheel handles or with lock and shield.

Capacities and Sizes

No.	Size	Capacity
A	3/4 x 1/2	Up to 40 sq. ft. rad.
B	1 x 3/4	40 to 100 sq. ft. rad.
C	1 1/4 x 1	100 to 150 sq. ft. rad.
D	1 1/4 x 1 1/4	150 to 200 sq. ft. rad.
E	1 1/2 x 1 1/4	200 to 250 sq. ft. rad.
F	3/4 x 3/4	Up to 40 sq. ft. rad.
G	1 x 1	40 to 100 sq. ft. rad.



Thermograde Valve Company

General Office and Factory:

Watertown, Mass.

Branch Offices in all Principal Cities

Steam Heating Systems, Hot Water and Automatic Steam Specialties

PRODUCTS:

Thermostatic Traps
Float Return Traps
Modulation Valves
Full Opening Valves
Hot Water Valves
Dirt Strainers
Automatic Electric Pump and Receiver
High Pressure Steam Traps
Automatic Boiler Return Trap
Automatic Air Vent Trap
Blast Traps

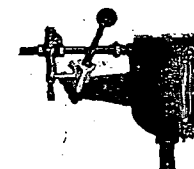
The Thermograde Modulation system of heating is a two pipe system adapted for use in connection with either live or exhaust steam where the water of condensation is returned to the boiler mechanically, or by gravity. It is adapted for use in all classes of buildings, high grade residences, apartment buildings, schools, hospitals, office buildings, factories, in fact any building where heat is desired.

The Modulation Valve has no stuffing boxes to leak, does not require repacking from time to time and with its self-indicating dial, hand regulation can easily be maintained.

The new improved Auto Valve is factory adjusted but is so constructed that adjustments can be made at installation if necessary due to unusual conditions existing. This valve is made entirely of bronze, highly nickel plated. It has a hand spun phosphor bronze diaphragm, no springs, entirely automatic, noise-

less in operation and self cleaning. It will not pass steam but will relieve air and condensation from the units of radiation, maintaining their efficiency at all periods.

The Special Return Trap operates automatically, returning the water of condensation to the boiler at all times regardless of the pressure on the boiler, keeping the system free from air and preventing the loss of steam.



The Belvac Thermofier is a float operated trap and is used mainly on vacuum systems. It passes no steam but the air and water are released as fast as they accumulate in the units. The trap is never closed against their free passage, they are positively and immediately removed.



The Modulated Hot Water Valve has a self-indicating dial and can be adjusted to regulate the flow to the various units—this means hand temperature regulation for gravity or forced circulation hot water heating systems.

Our interest does not lie merely in selling a number of valves and traps—we aim at real service. Each and every installation must be an asset, and in our twenty years of experience we have made thousands of satisfied users.

Send for literature.