HERSKE & TIMMIS
INCORPORATED

33 WEST 60th STREET, NEW YORK CITY

EASTERN REPRESENTATIVES Circle 7-4980

JOBBERS

PRICE SHEET

OCT 15 1939

Heating Specialties

Sterlco
TRADE MARK

STERLING ENGINEERING CO.

MILWAUKEE, WISCONSIN

HERSKE & TIMMIS, Inc. 33 West 60th Street, New York City
October 15, 1939 Wholesale Net Price Sheet For Bulletin 383-B-2

Code Word	Symbol		Shipping Wt. Lbs.	Price
		BOILER RETURN TRAPS Maximum Working Pressure 20 lbs.		
Asher	No. 27	2501 to 4000 sq.ft. Capacity	125	$30.00
Ace	No. 29	4501 to 8000 sq.ft. Capacity	200	45.00
Actor	No. 30	8001 " 16000 sq.ft. Capacity	250	120.00

Add $2.00 for water gauge including glass. Capacities are based on 6" between bottom oftrap and boiler water line. Add 50% to above capacities when traps are installed 10" above water line.

BOILER RETURN TRAP COMBINATIONS
One Vacu Float Vent and two Balanced Swing Check Valves are included with each Boiler Return Trap

Arch	No. 27	Boiler Return Trap Combination	135	45.00
Arles	No. 29	" " " "	215	61.50
Abbot	No. 30	" " " "	265	126.00

BALANCED SWING CHECK VALVES

Gale	1/2".	1	2.22
Game	3/4".	1 1/2	2.53
Grain	1".	2	2.70
Grove	1 1/4"	2 1/2	3.37
Gate	1 1/2"	3	4.50
Gable	2"	4	6.37

STERLING VAPOR SYSTEMS
Boiler Room Specialties

Hand	No. 1	For Vapor Systems up to 4000 sq. ft. 1 - No. 27 Boiler Return Trap 1 - No. 15 Vacu Float Vent 2 - 1-1/2" Balanced Check Valves 1 - Combination pressure and Vacuum Gauge 2 - No. 16 Quick Vents	52.00
Haze	No. 2	For Vapor Systems up to 8000 sq.ft. 1 - No. 29 Boiler Return Trap 1 - No. 14 Vacu Float Vent 2 - 2" Balanced Check Valves 1 - Combination Pressure & Vacuum Gauge 2 - No. 16 Quick Vents	75.00

NOTE: To the above add one Sterling Thermostatic Radiator Trap and one Sterling Packless Radiator Valve for each radiator. Also add one #16 Quick Vent for each Circuit over two.

V E N T S

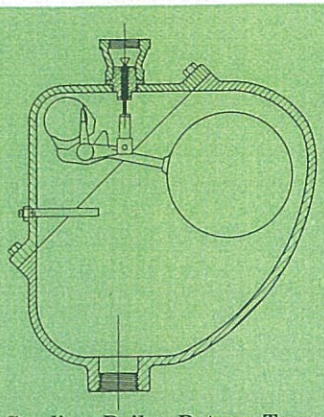
Flag	No. 14 Vapor Air Eliminator	1/2"	Valve Opening	30	12.00
Flame	No. 15 3/4" Vacu Float Vent	3/8"	" "	5	5.02
Foe	No. 16 3/4" Quick Vent	3/8"	" "	1/2	4.05

STERLING RETURN TRAP AND VENTS

Sterling Boiler Return Trap

The Sterling Boiler Return Trap alternately accumulates water of condensation from heating systems and returns it against pressure to the boiler. It is automatic in its operation, positive in action and will give many years of service without attention or repairs. All working parts are of bronze actuated by cast iron weights and mounted on one stainless steel shaft. The steam inlet and exhaust valves are poppet type operated by a float and weight. It contains no springs or stuffing boxes. No adjustments are necessary when installing or after the trap is in operation. Binding or sticking is impossible. The trap will function against boiler pressures up to twenty pounds.

All sizes of Boiler Return Traps are equipped with Sterling Clear Vision Water Gauges when so specified.



Sterling Boiler Return Trap

SIZES, CAPACITIES AND ROUGHING-IN DIMENSIONS

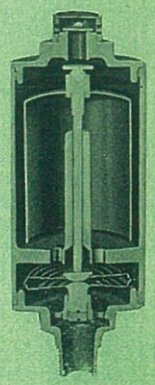
Size	Sq. Ft. Rad.	Pipe Conn., In.	Steam Conn., In.	Vent Conn., In.	Ht. In.	Lgth. In.	Shp Wt Lbs
No. 27	4000	1½	1¼	½	13½	14	12
No. 29	8000	2	1½	½	17½	18	20

STERLING VENTS

The Sterling No. 14 Air Eliminator is a float operated vent valve with large air handling capacity. It will pass air freely but will prevent the escape of water. The float is mounted on a lever so as to insure quick and positive closing against water. A non-corrosive vacuum check seating on a knife edge prevents the return of air. It makes an excellent air trap for the venting of water lines up to 35 lbs. pressure. Special floats will be furnished for high pressures. On small vapor installations (1000 sq. ft. of radiation or under) where first cost is an essential factor, this air eliminator may be used in place of the Sterling Boiler Return Trap. It will relieve the system of air provided the basement ceiling is of sufficient height to allow at least 27 in. between the boiler water line and the return line at the point where the eliminator is installed. Boiler pressure should not exceed one pound for each two feet of elevation of the return above the boiler water line, as higher pressures will cause water to back up into the return line and prevent proper air elimination. Capacity 5000 sq. ft. of radiation. Tapped for 1″ pipe.

Sterling
No. 14 Air Eliminator

The Sterling No. 15 Vacu Float Vent is a combination vent. It will vent air freely, maintain a vacuum and will close against the escape of steam or water. It consists of an inverted bucket float on the top of which is mounted a disc valve. A thermostatic member is located below the float. When this member expands it raises the float and closes the valve. The float will rise with an influx of water independently of the thermostatic member. A non-corrosive vacuum check seating on a knife edge prevents the return of air. The body is of cast brass. This vent is suitable for steam pressures up to 35 lbs. and water pressure up to 100 lbs. It is designed for use with the Sterling Boiler Return Trap to vent the air from the return line before entering the return trap and for venting low pressure steam lines, steam compartments or unit heaters where quick venting is desired. It can also be used to vent water lines or water tanks. Made in ¾″ size only with opening through the valve sufficient to vent systems up to 8000 sq ft. of radiation. Vents for higher pressures will be furnished when ordered.



Sterling
No. 15 Vacuum
Float Vent

TYPE G THERMOTROL

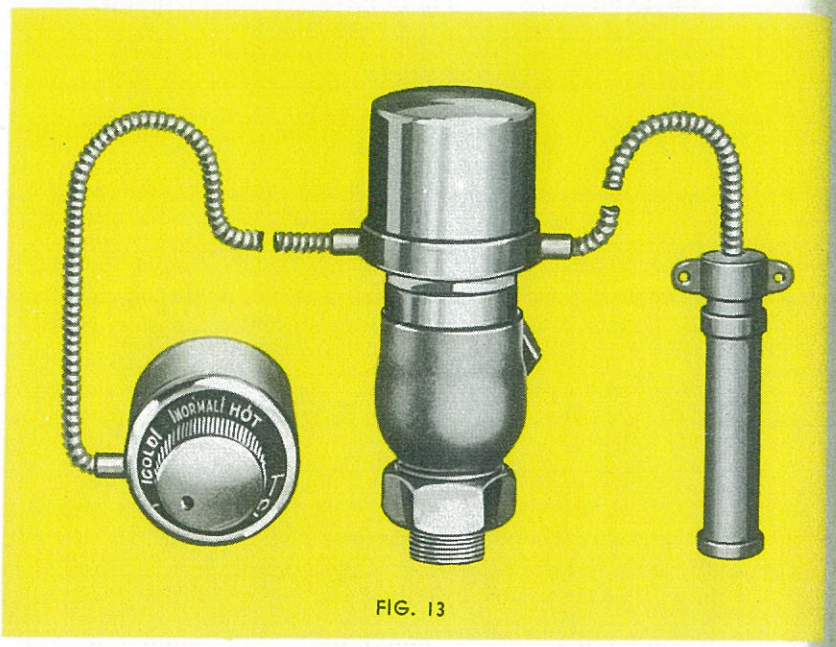


FIG. 13

The Type E No. 100 Thermotrol will not meet all radiator conditions. There are many installations where the radiators are concealed, either by being placed in cabinets or recessed into the wall. The Type G Nos. 101, 102, 105 and 106 Thermotrols are designed to meet this condition.

The G No. 101 is for installation with the valve in the vertical position and the G No. 102 in the horizontal position. The Nos. G 105 and G 106 are modifications of Nos. G 101 and G 102.

These controls are of the remote type and consist of a valve, a regulating cylinder and a thermostatic bulb. The regulating cylinder transmits the pressure caused by the volatilization of the liquid in the bulb to the valve stem closing the valve. The steam pressure opens it when the bulb pressure decreases. A dial on the regulating cylinder determines the room temperature at which the valve operates. By means of this dial, the control can be set for any desired temperature within the range of the instrument. The normal range is from 50° to 80° F. Special valves can be made for higher and lower temperatures. The design is simple and there is practically no wear of parts, which insures long life and accuracy of regulation. Figure No. 14 illustrates the four types of G controls and their positions when installed. For dimensions and capacities see table Page 11.

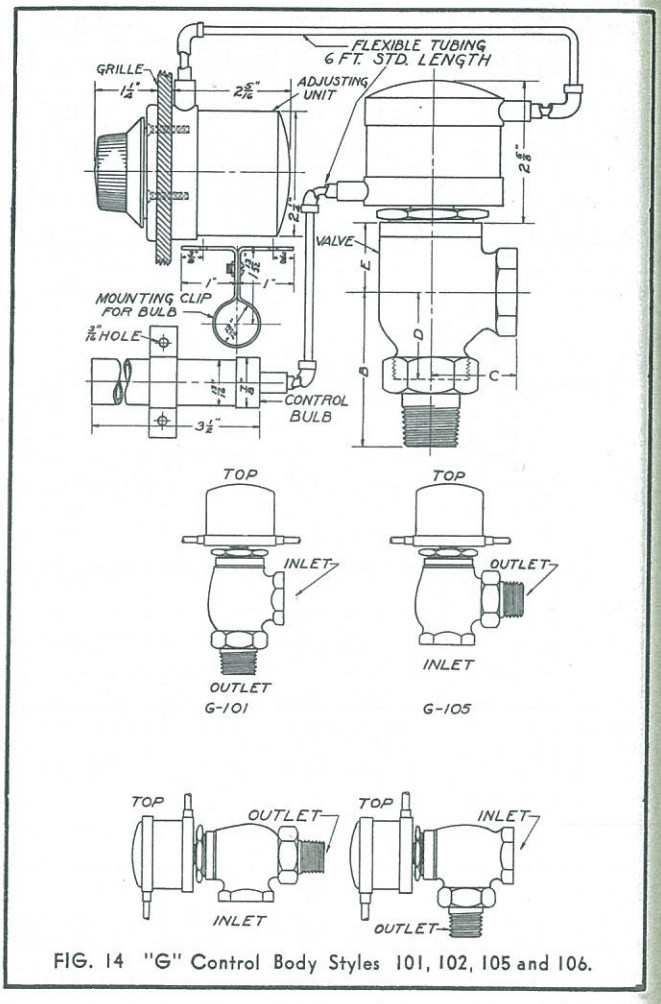


FIG. 14 "G" Control Body Styles 101, 102, 105 and 106.