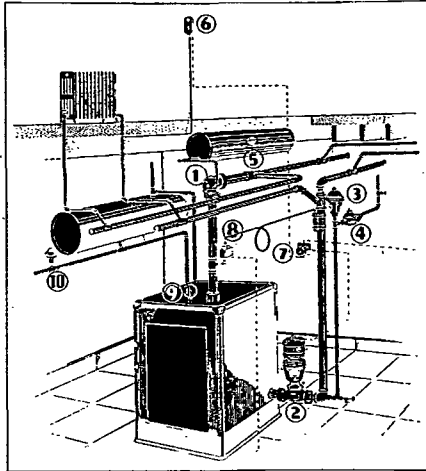


H. A. Thrush & Company

Peru, Indiana

Service and Sales Offices in Principal Cities

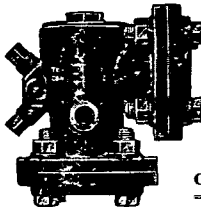
THRUSH FLOW CONTROL SYSTEM



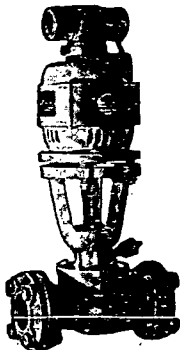
Thrush Flow Control System of Warm Water Heating is more completely automatic than was ever before offered for residential heating. The illustration shows the ten Thrush devices which make up this system.

1. Thrush Flow Control Valve.
2. Thrush Water Circulator.
3. No. 4 Thrush Differential Pressure Relief Valve.
4. No. 12 Thrush Pressure Reducing Valve.
5. Air-tight Thrush Pressure Tank.
6. No. 201 Thrush Radiant Heat Control.
7. No. 198 Thrush Relay Transformer.
8. No. 203 Thrush Modulating Boiler Water Temperature Control.
9. Special Combination Thrush Gauge and Thermometer.
10. No. 75 Thrush High Pressure Relief Valve.

Thrush Flow Control System assures a continuous flow of radiant heat, reduces fuel consumption and provides domestic hot water for bath, kitchen and laundry the year around as a by-product. On new work it permits the use of small pipe and valves which completely offsets the cost of the Thrush equipment.



Thrush Flow Control Valve



Thrush Water Circulator

Class FC Flow Control System—Flow Control Valve and Circulator Only

Description	Up to 300 sq ft	Up to 500 sq ft	Up to 800 sq ft	Up to 1000 sq ft	Up to 1500 sq ft	Up to 2500 sq ft	Up to 5000 sq ft
Thrush Flow Control Valve.....	No. 114 1"	No. 114A 1 1/4"	No. 115 1 1/2"	No. 115 1 1/2"	No. 120 2"	No. 125 2 1/2"	No. 130 3"
Thrush Water Circulator.....	14 1"	14 1"	14A 1 1/4"	15 1 1/2"	15 1 1/2"	22 2"	23 3"

Class FCC Flow Control System—Complete Circulation, Temperature and Pressure Control

Description	No. 114 1"	No. 114A 1 1/4"	No. 115 1 1/2"	No. 115 1 1/2"	No. 120 2"	No. 125 2 1/2"	No. 130 3"
Thrush Flow Control Valve.....	No. 114 1"	No. 114A 1 1/4"	No. 115 1 1/2"	No. 115 1 1/2"	No. 120 2"	No. 125 2 1/2"	No. 130 3"
Thrush Water Circulator.....	14 1"	14 1"	14A 1 1/4"	15 1 1/2"	15 1 1/2"	22 2"	23 3"
Thrush Diff. Pres. Relief Valve.....	4 3/4"	4 3/4"	4 3/4"	4 3/4"	4 3/4"	4 3/4"	4 3/4"
Thrush Pres. Reduc. Valve.....	12 3/4"	12 3/4"	12 3/4"	12 3/4"	12 3/4"	12 3/4"	12 3/4"
Thrush Pres. Tank.....	0	0	0	0	0	0	0
Thrush Radiant Heat Control.....	201	201	201	201	201	201	201
Thrush Modulating Boiler Water Temperature Control.....	203	203	203	203	203	203	203
Thrush Relay Transformer.....	198	198	198	198	198	198	198

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Sizes and Capacities Thrush Flow Control Valves

No.	Size	Connection	Radiation Capacity	Shipping Weight
114	1"	Screwed	300 sq ft	3 lb
114A	1 1/4"	Flanged	500 sq ft	16 lb
115	1 1/2"	Flanged	1000 sq ft	17 lb
120	2"	Flanged	1500 sq ft	19 lb
125	2 1/2"	Flanged	2500 sq ft	26 lb
130	3"	Flanged	5000 sq ft	39 lb

Sizes and Capacities Thrush Water Circulators

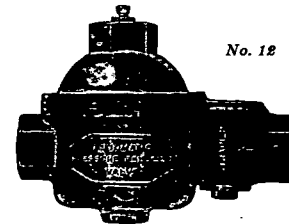
No.	Size	Motor	Gallons Delivery	*Radiation Capacity	Storage Tank Capacity	End to End Dimensions
14	1" Screwed	1/10 hp	25 per min	500 sq ft	750 gal	8 3/4"
14A	1 1/4" Flanged	1/10 hp	35 per min	800 sq ft	1000 gal	9 1/2"
15	1 1/2" Flanged	1/8 hp	50 per min	1500 sq ft	1500 gal	10 1/2"
22	2" Flanged	1/6 hp	75 per min	2500 sq ft	2000 gal	10 1/2"
23	3" Flanged	1/4 hp	140 per min	5000 sq ft	3000 gal	11 1/2"

* Use next size larger Circulator for conversion jobs. Capacities of Circulators equipped with standard 110 volts, 60 cycles, single phase, a-c motors.



No. 4

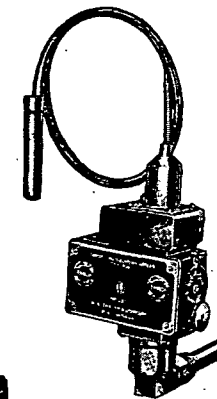
No. 4 Thrush Differential Pressure Relief Valve provides absolutely safe relief of excessive pressures.



No. 12

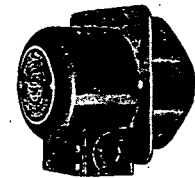
No. 12 Thrush Pressure Reducing Valve automatically fills system and maintains proper amount of water at all times.

Air-Tight Thrush Pressure Tank provides a reservoir for expansion. Made in four sizes.



No. 201

No. 201 Thrush Radiant Heat Control automatically controls circulation of water so that warmth of radiators is constantly maintained.



No. 198

Thrush Modulating Boiler Water Temperature Control automatically raises or lowers water temperature to meet the demands placed on the heating system by changes of outdoor temperature.

Thrush Relay Transformer for use with low voltage No. 201 Thrush Radiant Heat Control.