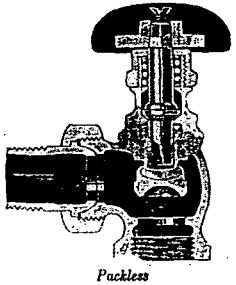
HOT WATER HEATING

MARSH RE-ENFORCED PACKLESS WATER RADIATOR VALVES

Oval Wheel or Lock Shield



Packless

A Genuine Packless Water Valve Guaranteed to hold any pressure required for forced circulation

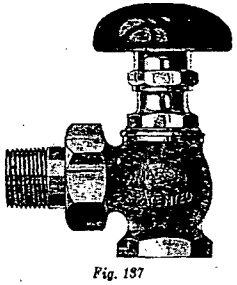
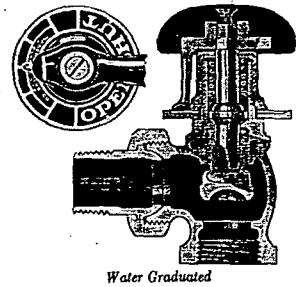


Fig. 137

These valves are quick opening, full pipe capacity, and are **Guaranteed not to Stick at any Time, or Leak at any Pressure** that a cast-iron boiler and radiation will stand.

We believe they are the only Packless valves which will hold high pressure forced circulation and also protect against taking in of air around stem in a sealed system, *two very necessary requirements* for satisfactory service and cost but little more than the cheap competition valves.

MARSH RE-ENFORCED GRADUATED WATER RADIATOR VALVES



Water Graduated

Oval Wheel, Lever Handle or Lock Shield

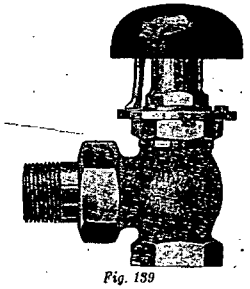


Fig. 139

SOMETHING ENTIRELY NEW IN WATER HEAT REGULATION

We have made a specal study of hot water heat regulation and control and are pioneers in the matter of individual radiator control, through a graduated valve, employing the same principle as with steam.

Further, water circulation for each radiator, graduating for same or *balancing of system*, can be increased from nothing to full pipe capacity, and *held or locked at any intermediate point*, if desired, by simply turning dial so that stop on same will register against indicator or pointer and locking dial in this position, preventing further opening of valve or turning of wheel or lever handle to the left.

These valves cost but little more than our regular water valves and much less than steam modulated valves.

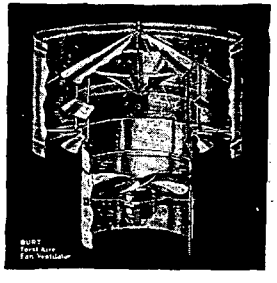
The Burt Mfg. Co.

VENTILATORS - OIL FILTERS - EXHAUST HEADS

AKRON, OHIO, U. S. A.

Representatives in All Principal Cities

Burt "Forst-Aire" Fan Ventilators offer units which have many applications in the Ventilating and Air Conditioning field. Complete ventilating systems may be installed in many instances without the use of expensive ductwork. A definite exhaust of vitiated air can be accurately controlled by their use in recirculating systems. They offer the most satisfactory unit obtainable for residential "night-cooling" and general ventilation. In industry their use is extensive both for general and "spot-ventilation" where abnormal conditions exist.

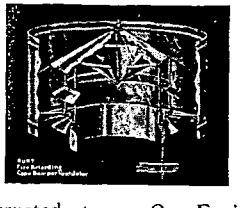


Construction—Every Burt "Forst-Aire" Fan Ventilator has been designed and constructed from a standpoint of efficiency and durability. Low-resistance, high-efficiency heads are used; rigid bases and necks withstand motor vibration; specially designed mounting cradles motor in rubber, yet keeps it in rigid alignment, absorbing much vibration and noise. Besides the "Standard" type illustrated, a "Heat Resisting" unit is available for high temperatures; an "Acid Resisting" unit for exhausting air laden with corrosive vapors and "Static Pressure" types for all static pressure work.

Dimensions, Gauges and Capacities of Burt "Forst-Aire" Fan Ventilators —Standard Type

Size In.	MOTOR H.P.	MOTOR R.P.M.	Diameter Airshaft In.	Diameter Windband In.	Total Height In.	Roof Flange In.	Gauge of Steel	Ounce of Copper	Free Air Capacity C.F.M.
12	1/10	1725	12	21	31	4	22	16	690
14	1/10	1725	14	23½	33¾	4	22	16	1200
16	1/10	1725	16	27½	35½	4	22	16	1850
18	1/10	1725	18	30	38	4	20	18	2440
20	1/6	1140	20	34½	42½	5	20	18	2990
24	1/6	1140	24	39	49½	5	20	18	4300
30	1/3	860	30	52½	54	5	18	20	6350
36	1/2	860	36	60½	60	6	18	24	10600
42	3/4	670	42	69	62	6	18	24	11130
48	3/4	670	48	79	75	6	18	24	14500

This company manufactures, in the ventilator field, "A Type For Every Condition." Besides Fan Ventilators, it offers a complete line of gravity units consisting of two stationary and one revolving ventilator. Each is engineered to the highest capacity possible and constructed to last a lifetime. The "Cone Damper" unit illustrated is a high capacity ventilator with inverted sliding cone damper and fusible link fire protection. The Burt Revolving Ventilator utilizes a patented "open-back" construction which increases capacity and stops whirling in eddying winds.



Our Engineering Department is available at any time for the design and layout of specific problems.

Write for Complete Details and Catalogue