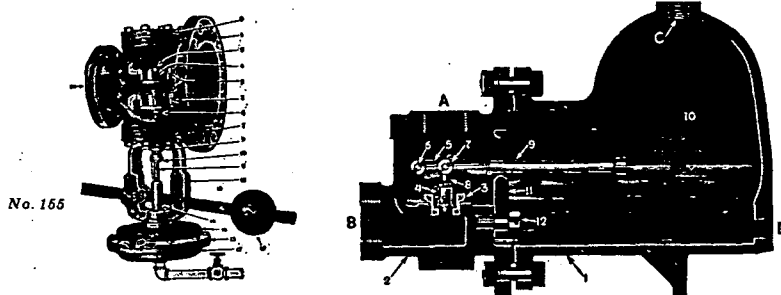


The McAlear Mfg. Co.

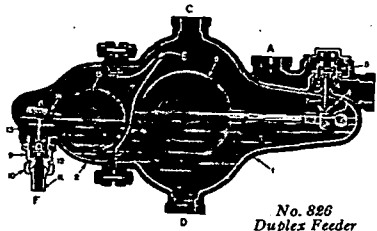
1901-1907 So. Western Avenue

CHICAGO

Power and Heating Specialties for Controlling Pressures and Flow of Steam, Water, Air or Gas



No. 155 McALEAR Reducing Valves are constructed in either the diaphragm weight and lever type, spring weighted diaphragm type or the pilot operated type. They are made with either single or double seats, and with expanded outlets when desired, depending on the type selected. They will reduce steam pressure from 5 to 250 lb. to any desired service pressure from a partial vacuum to 240 lb. Complete information furnished on application. Sizes $\frac{3}{8}$ to 20 in.



McALEAR Direct-to-Boiler Water Feeders are made both Simplex and Duplex and are equipped with Mercoid Switches, when desired, for Oil Burner Control. Working parts of non-corrosive material, heavy seamless floats and they feed water direct to the boiler. Complete information in Bulletin "K-1."

The McAlear line of Power, Heating, Gas and Oil Specialties also includes: Radiator Hangers, Packless Radiator Valves, Return Traps, Grease Extractors, Dirt Strainers, Pump Governors, Damper Regulators, Back Pressure Valves, Water Regulating Valves, Tank Controllers, Gas Regulating Valves, Liquid Level Controllers and many other devices. General Catalogue No. 23 illustrating our complete line, will be gladly furnished upon request.

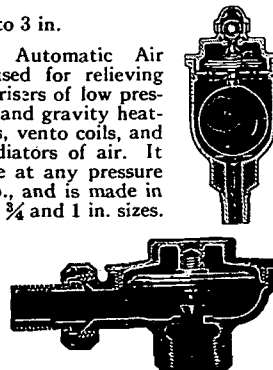
McALEAR traps are built in both Open Bucket and Ball Float types and are constructed in several different styles to meet any service condition.

No. 717 (illustrated) is invaluable for low pressure drip connections but can be used on pressures up to 125 lb. It has large capacity, equipped with accessible valve construction, deep water seal, and thermostatic element when used for blast trap duty.

Sizes $\frac{1}{2}$ to 3 in.

No. 15 Automatic Air Valve is used for relieving mains and risers of low pressure, vapor and gravity heating systems, vent coils, and indirect radiators of air. It will operate at any pressure up to 15 lb., and is made in sizes $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$ and 1 in. sizes.

McALEAR Radiator Traps are constructed in several different styles and sizes and patterns either plain or nickel-plated. The thermostatic elements are made of the best quality bronze metal, and are suitable for withstanding any temperature or pressure from a partial vacuum to 15 lb.



Milwaukee Valve Company

"MILVACO" Heating Specialties

Burrell and Chase Streets

Milwaukee, Wis.

Representatives in all Principal Cities

NEW YORK, N.Y.	NEWARK, N.J.	LOUISVILLE, KY.	ATLANTA, GA.	PHOENIX, ARIZ.
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CHICAGO, ILL.	WINNIPEG, CANADA	INDIANAPOLIS, IND.	TOLEDO, OHIO	JACKSON, MISS.

Packless Valves

NOTE.—In addition to types illustrated, Dole-Milwaukee Packless Valves can be furnished in the following patterns:

Lock and Shield Angle.
Lock and Shield Graduate.
Union Gate.
Union Globe and Right and Left Hand Corner.
Always specify steam or water.

Send for Bulletin No. 24

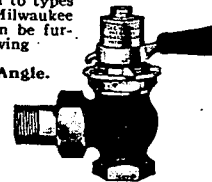


Fig. 209-M
Lever Handle Graduate



Fig. 210-M
Knob Handle Graduate

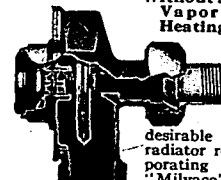


Fig. 215-M
Quick Opening Angle

All patterns made in sizes $\frac{1}{2}$ to 2 in. inclusive.

Thermostatic Trap

Without an equal for Vacuum, Vapor and Modulating Heating Systems.



Illustrated below is a sectional view showing construction of "Milvaco" Thermostatic Traps. Embodying every desirable feature of successful radiator return traps and incorporating features exclusive in "Milvaco" traps, this product is a most desirable asset to a heating system. Send for Bulletin No. 23.

Roughing-in Dimensions and Capacities

Fig. No.	Capacity Sq. Ft. Rad.	Pipe Conn.	A Center Line Outlet to End of Spud	B Face of Outlet to Center of Spud
0	75	$\frac{1}{2}$ "	$\frac{2}{4}$ "	$\frac{1}{8}$ "
1	200	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{1}{4}$ "
2	500	$\frac{1}{2}$ "	$\frac{3}{4}$ "	$\frac{1}{4}$ "

NOTE.—The standard roughing-in dimension, "A" for $\frac{1}{2}$ in. traps as adopted by the Heating and Piping Contractors' National Association, is $\frac{3}{4}$ in. which standard we adhere to. We can, however, upon special request, supply traps with this dimension any length from $\frac{2}{4}$ to 4 in.

Send for Bulletins showing complete line of specialties.

"Milvaco" Air Eliminator

A heavy substantial float vent for use on heating systems or apparatus where rapid elimination of air is necessary, and where passage of both steam and water must be prevented.

Made in $\frac{1}{4}$ to $\frac{3}{4}$ in. sizes.

Send for Bulletin No. 26



"Milvaco" Quick Vent

For use at high points on any installation where a large volume of air must be rapidly vented.

A large substantial vent for heavy duty service.

Vents completely at high or low pressures, and the check valve prevents the return of air into the system.

Construction the same as Air Eliminator, eliminating the float.

Made in $\frac{1}{2}$ and $\frac{3}{4}$ in. sizes.

Send for Bulletin No. 26

"Milvaco" Boiler Return Trap

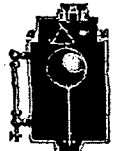
An ideal trap for use on vapor systems for returning water of condensation to the boiler. Positive in action; noiseless in operation; and mechanism not dependent upon action of springs.

Capacity 4000 sq. ft. direct radiation.

Pipe connection 2 in.

Steam and Vent connections $\frac{1}{2}$ in.

Send for Bulletin No. 25



"Milvaco" Drip and Blast Traps

"Milvaco" Drip and Blast Traps are a combination float and thermostatic trap which drip any main or riser on any heating system or apparatus where it is necessary to positively eliminate both air and water and close against steam. Not dependent upon temperature for action. Guaranteed to eliminate drip troubles.

Made in $\frac{1}{2}$ to 2 in. sizes, inclusive.

Send for Bulletin No. 27.

