

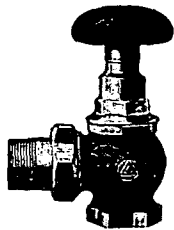
# DETROIT LUBRICATOR COMPANY

DETROIT, U. S. A.

NEW YORK

CHICAGO

Largest Manufacturers of Radiator Valves in the World



Detroit Type "A" Packless Valve

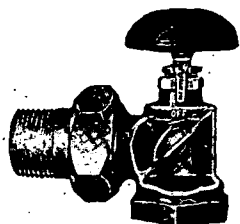
The "Genuine Detroit" Type "A" Spring and Disc Packless Radiator Valve has been developed to fulfill the need for a radiator valve that will not leak around the stem nor need repacking. It does away with the trouble and expense of leakage to which ordinary valves are subject and its construction makes it perfectly adapted also for use on vacuum systems where tightness is essential.

Its handsome appearance harmonizes with good surroundings and makes it suitable for use in homes, office buildings, hotels etc.

Complicated parts are eliminated, so that the Valve is simple in construction and so substantial that it carries the assurance of satisfactory service over a period of years. It is quick opening—opens and closes with less than a full turn of the handle and is easy turning.

A new and better design of handle is offered for the first time. It is a hard rubber finish, non-heat conductive, molded type, which will not break, lose its finish nor work loose on the stem.

Manufactured in angles, corners and globes  $\frac{1}{2}$  to 2 in. sizes, and in satin finish with polished trimmings, nickel plated, Jenkins Bro. discs.



Detroit No. 101  
Quick Opening Hot Water Valve  
Pat'd June 2, 1923

The "Genuine Detroit" No. 101 Quick Opening Hot Water Radiator Valve Packed Type is designed to overcome the difficulties of hard turning, always encountered with shell type valves. It operates on the principle of an elliptic swinging plate—set at 45 deg. angle—which is attached to the stem. By revolving the handle one-half turn to the left, the valve is opened, while one-half turn to the right closes it. The narrow edge of the plate presents a very small area of contact with the body, so that any corrosion or encrustation—due to impurities in the water—is easily broken away. This construction insures the valve turning easily even after years of service.

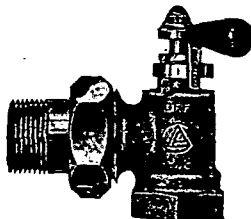
The interior plate is concave so that a passage of true elbow shape through the Valve is developed when the plate is in full open position. This shape offers much less resistance to the flow than is the case with valves of the shell type, where the liquid is forced to turn at a right angle.

It is particularly sturdy in design with a stem which will stand hard usage and is equipped with a new type of non-breakable, non-heat-conducting round handle, with a handsome permanent black hard-rubber finish.

The handle has an indicator which travels between two stops on the body marked "off" and "on," so a glance shows whether the valve is opened or closed.

The stuffing box is of gland form and easily adjusted to prevent leakage around the stem.

The Equalizing Hot-Water Radiator Valve is a valve of the above type equipped with a movable stop collar mounted on the neck and which provides a means of securing a uniform flow through each radiator, and permits the system to be easily and perfectly balanced, and perfect circulation insured. The handle pointer engages this collar, creating the "on" position. The adjustment is a very simple exterior one easily made by the fitter after the valve is installed and the system is in operation.



Detroit No. 105  
Equalizing Hot Water Valve

Specify "GENUINE DETROIT" Valves and get insurance of constant satisfaction.

# The Dole Valve Company

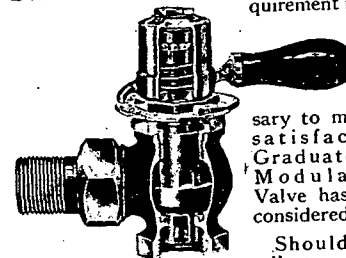
1923-1933 Carroll Avenue

Chicago, Ill.

Manufacturers of a Complete Line of High Grade Packless Radiator Valves and Automatic Air Valves

## Dole Graduated Packless Radiator Valves

A short study of the sectional view shown will indicate that in designing the Dole Packless Graduated Valve every requirement neces-



Lever Handle Type of Dole Packless

sary to make a satisfactory Graduated or Modulating Valve has been considered.

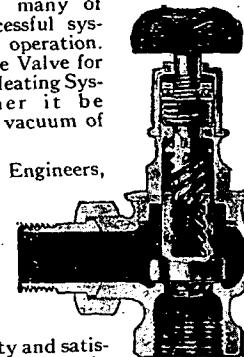
Should any adjustment be desired after the valve is installed

merely loosen octagon nut on top of dial with special wrench which is furnished for the purpose, turn dial to left to the desired point, then tighten nut.

Vapor or Vacuum Systems are an acknowledged modern method of Scientific Heating.

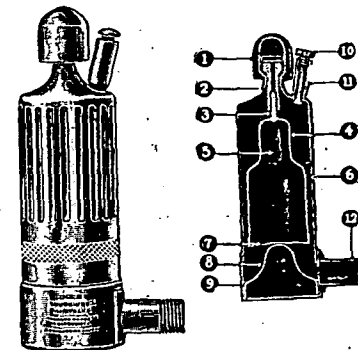
Dole Packless Graduated Valves have proven particularly valuable in the proper functioning of many of the most successful systems now in operation. There is a Dole Valve for every type of Heating System—whether it be steam, vapor, vacuum of hot water.

Mechanical Engineers, Architects, Heating Contractors and Owners are becoming better acquainted, as time goes on, with the quality and satisfaction which Dole Packless Radiator Valves offer. The majority of the above-mentioned endorse Dole Valves in the most



Knob Handle Style of Dole Packless

hearty manner, realizing that quality, satisfaction and price are the three outstanding features of the Dole Packless Radiator Valve—the valve with the exclusive feature, Ball-Bearing Construction.



Dole Shure-Vent Air Valve

## Twelve Superior Points of Shure-Vent Valves

1. Double Cap Prevents Wall Soil above Valve.
2. Seating Screw Projecting Prevents Clogging of Valve Seat.
3. Seating Pin Arrangement Insures Positive Closing Seat.
4. Annealed Brass Float Positively Prevents Flooding.
5. Expansion Fluid in Inner Chamber Causes Valves to Close.
6. Finely Drawn Brass Shell Permits Free Passage of Air and Natural Drain for Water.
7. Expansion Diaphragm Made of Special Spring Bronze.
8. Drawn Brass Float Rest Insures Complete Drainage of Valve.
9. Heavy Drawn Brass Base—a Positive Non-Leakable Connection of Great Durability.
10. Push Button—Impossible to Remove or Get Out of Adjustment.
11. Exclusive Hand Vent Solves the Problem of Water-Logging.
12. Heavy Brass Nipple or Inlet Adaptable to All Radiators.