

Detroit Lubricator Company

Division of AMERICAN RADIATOR & Standard Sanitary CORPORATION

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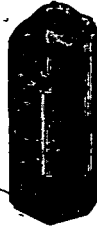
Export Department—Box 218, RIDGEFIELD, N. J.

Canadian Representative:

RAILWAY AND ENGINEERING SPECIALTIES LIMITED, Montreal, Toronto, Winnipeg

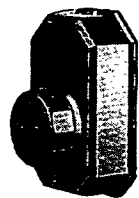
Automatic Controls

Detroit Lubricator Company manufactures a very complete line of electrical controls, designed to open or close an electrical circuit with changes of temperature or pressure. The No. 411 Thermostat (illustrated) is a low voltage model and is made in plain and Day and Night types. All No. 411 Thermostats are available with heat compensation to provide smooth, accurate temperature control. The No. 855 Mercoid Room



No. 411

Thermostat (illustrated) is a line voltage type—available in heating, air conditioning and refrigeration ranges.



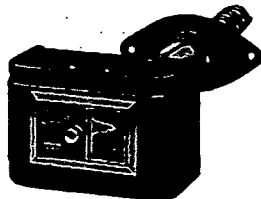
No. 855

For industrial use the No. 250 and No. 450 line of pressure and temperature controls is available, in pressure ranges from 20 in. vac. to 350 lbs. and in temperature ranges from -30° F to 495° F. Write for Catalog No. 100-C.

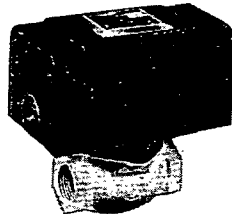
Furnace Controls

Also available is a full line of blower controls, combination blower and limit controls, such as the CA-815 illustrated.

There is a "Detroit" control available for practically every application where a dependable device is required to open or close an electrical circuit with changes of pressure or temperature. Write for complete information. Our Engineering Department is always ready to make recommendations on any specific problem. Write for Catalog No. 100-C.



No. CA815

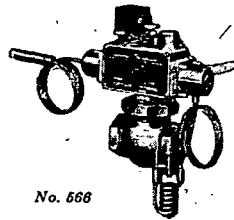


No. V-570

Gas Valves

The No. V-570 Electric Gas Valve is an electrically operated valve for control of gas lines from $\frac{1}{2}$ to $1\frac{1}{4}$ in. It provides partial opening upon initial operation, permitting quiet ignition of gas. Inexpensive, compact, and attractive in appearance, it employs an easily serviceable bimetal strip motor for actuating force. Write for Bulletin 201.

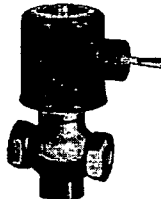
The No. 566 Valve combines in one compact unit all of the functions of a control system for gas heating. All safety functions are mechanical and operate independent of electric current. Adjustable for full snap or any degree of throttling action. Limit control closes valve with a snap action. Valve may be manually operated in case of current failure. Applicable to all gases, natural, manufactured, or mixed. Write for Bulletin No. 80.



No. 566

Solenoid Valves

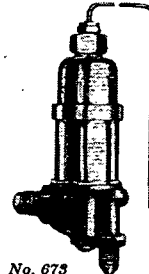
"Detroit" Solenoid Valves for control of water, air, oil, gas, or refrigerant, embody many desirable features. A.C. hum is minimized and they will open against high pressures. Available in all standard voltages and cycles A.C. or D.C. No. 683-3 (illustrated) is a small size valve with $\frac{3}{8}$ in. connections. No. 681 is a pilot operated, intermediate size valve, and the No. 686 is a large pilot operated valve with



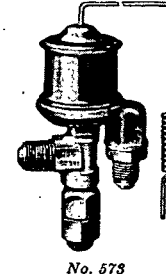
No. 683-3

Detroit Lubricator Company

capacity up to 17 tons Freon-12. No. 686 valve available with flanged connections. No. 681 and 686 are furnished with manual opening feature to permit opening in case of current failure. All models may be taken apart and cleaned in the field without removing from pipe lines. Write for Bulletin No. 199.



No. 673

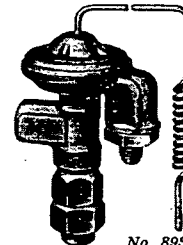


No. 573

"Detroit" Thermostatic Expansion Valves

"Detroit" Thermostatic Expansion Valves are designed to keep the evaporator in a refrigerating system completely refrigerated. Power elements are "gas charged" to a definite pressure, for motor overload protection; providing quicker response and more sensitive control. Capacities from $\frac{1}{2}$ to 20 tons Freon-12. All needles and seats are made of Delubaloy, a very hard, corrosion resistant alloy to insure long, trouble-free service.

No. 673, the "standard of the industry," has a long record of dependability. It is sensitive and accurate in operation. No. 573 has the quality and operating characteristics of the 673 for smaller installations. It has a single power element with double diaphragm. Write for catalog No. 200B for complete expansion valves listings.

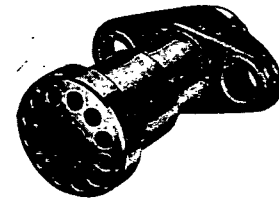


No. 893

"Detroit" Expansion Valves

These valves are of single diaphragm construction. The diaphragm is made of special alloy, carefully tested for flexibility to assure uniform capacities and smooth operation. Power elements are gas charged for protection against motor overload and for maximum sensitivity. Needles and seats are hard, corrosion resistant Delubaloy.

Automatic and thermostatic types in capacities from $\frac{1}{2}$ to 20 tons Freon-12 and .9 to 36 tons methyl chloride. Write for Catalog No. 200-B.



Refrigerant Distributors

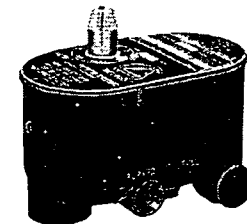
"Detroit" No. 790 Refrigerant Distributors insure a uniform supply of refrigerant to all sections of multiple circuit evaporators and are attached directly to the expansion valve by means of a flanged connection. These corrosion-resistant distributors are available for "Detroit" Thermostatic Expansion Valves No. 786, No. 787, No. 788 and No. 899.

They are made in five types of 2 to 18 passes for the above valves.

All distributors are designed for use with $\frac{1}{4}$ in. O.D. copper outlet tubes.

For complete capacity tables write for Bulletin No. 207.

"Detroit" Float Valves for Vaporizing Oil Burners



CRC-246 Single Metering Float Valve. The Greatest Improvement in Float Valve Design in Many Years.

For space heaters, furnaces, floor furnaces, water heaters, ranges, etc., the CRC 246 mounts directly on the burner nipple, eliminating tee, fittings and tubing. Low flows are extremely accurate, assuring exact control of fuel delivery for low pilot burners. Rate of flow constant for inlet heads from 2 inches to 84 inches—eliminates dying fire when fuel is low. Automatic temperature compensation assures even fuel flow regardless of fuel temperature—an important "Detroit" feature. Magnetic trip mechanism is positive—will not trip from vibration. Valve may be tilted a reasonable amount without affecting flow. Leveling by eye is satisfactory. So simple to clean that servicing is no problem. Write for Bulletin No. 217.