

Simplex Heat Regulator Company, Inc.

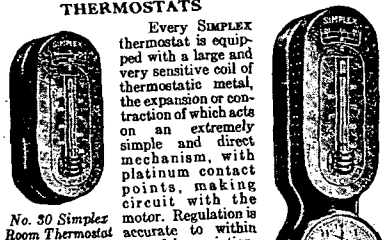
2938 Pillsbury Avenue, Minneapolis, Minnesota

PRODUCTS—Thermostats complete with Motors, for all types of Warm Air, Hot Water, or Steam Heating Systems, and also for Hot Water Supply Systems, whether equipped with Oil, Coal, or Gas Furnaces.

Separate Items Include

Thermostats, with or without clocks; Hydromats; Electric Motors; Spring Motors; Gravity Motors.

THERMOSTATS



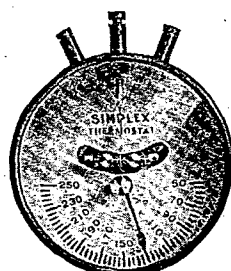
No. 30 Simplex Room Thermostat

Every Simplex thermostat is equipped with a large and very sensitive coil of thermosensitive metal, the expansion or contraction of which acts on an extremely simple and direct mechanism, with platinum contact points, making circuit with the motor. Regulation is accurate to within 1 deg. Fahr. variation.

All thermostats are equipped with the finest grade thermometers, which are given a quadruple test to insure absolute correlation between the thermostatic coil and thermometer. The standard finish is sand blast bronze, which is durable and attractive, blending well with any interior decoration.

Equipped with high-grade clock which automatically raises the temperature to the desired degree at any pre-determined hour.

HYDROSTATS



Simplex hydrostats are equipped with sensitive thermostatic coils, working through a balanced mechanism with dial indicators. Regulation is accurate to 1 deg. Fahr. Made in tube and flush types for regulation of temperature on boilers, furnaces, and closed or open hot water supply tanks. Also used in Dual Control with any Simplex thermostat.

SPECIFICATIONS—Temperature Control

Furnish and install in a neat and workmanlike manner complete Simplex Temperature Control for the heating plant and domestic hot water supply system herein specified. Locate thermostat for heating plant at point designated by architect and owner, and leave the entire mechanism in perfect performing order. Furnish owner with letter of guarantee.

Units together with all necessary appurtenances, connections, controls, etc., to be furnished with this installation, are:

One { No. 30 Thermostat } Select one
One { No. 31 Thermostat with Clock } Model

If desired with Dual-Control or for Hot Water Supply.

One { Simplex Hydrometer } Select one
One { New Simplex Electric Motor } Model
One { Simplex Spring Motor } Model
One { Simplex Gravity Motor } Model

All installed according to Manufacturer's instructions, installation charts and drawings.

Notes:—On Dual-Control, both thermostat and hydrometer, operate on a single motor. On domestic hot water supply systems, a single motor will operate both draft on heater and valve on steam supply.

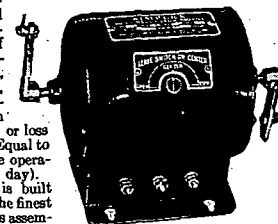
CATALOG—Notice to the Profession and Trade

Please write for copy of our general catalog, describing equipment and typical installations.

ELECTRIC MOTOR

The Simplex Electric Motor has been designed primarily for heat regulator use. Great care has been taken to insure strength, convenience, and reliability. Exhaustive tests of six weeks continuous running, night and day, without lubrication, have shown no overheating or loss of efficiency. (Equal to 50 years service operating 10 times a day).

This motor is built throughout of the finest materials, and is assembled in a dust and damp-proof aluminum housing. Arranged for mounting horizontally on shelf or vertically on wall, with basement switch conveniently placed in either case.



SPRING MOTOR

The Simplex Spring Motor derives its power from a heavy duty steel spring, which operates the lever arms through bronze reduction gears. It is provided with basement switch, winding indicator, and safety switch to insure furnace drafts being closed on the last operation. Assembled in a galvanized steel case, black enameled and absolutely rust-proof.



GRAVITY MOTOR

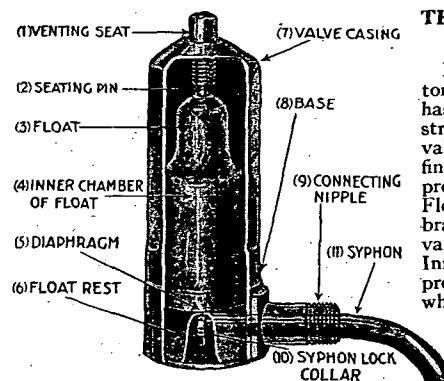
Simplex Gravity Motor operates by an iron weight on chain. Fan governor provides smooth and silent operation, and a safety stop prevents furnace drafts being left open on last operation. Assembled same as Spring Motor Unit.



The Dole Valve Company

1913-1933 Carroll Avenue, CHICAGO, ILL.

Manufacturers of High Grade Radiator Valves and Brass Specialties



THE DOLE SYPHON AIR VALVE (non adjustable, automatic)

For venting low pressure steam radiators. Fully guaranteed for five years. It has the Venting Seat (1) of heavy construction, threaded and brazed into the valve casing. The Seating Pin (2) of finely machined hard metal is hydraulically pressed to a perfect radius, while the Float (3) is of light but strong annealed brass, which rises when water enters the valve, positively preventing leakage. The Inner Chamber of Float (4) contains the proper amount of thermostatic liquid which forms a powerful gas when steam

comes in contact with the float, thus the diaphragm is expanded and the valve closed against the escape of either steam or water. The Diaphragm (5) is made from special rugged. The Float Rest (6) is one sides to permit water to drain (7) of beautiful dodecagon design, presents an attractive exterior and inside the valve. The Base (8) of to meet exterior threading on the casing is firmly brazed to insure great strength and durability. The Connecting Nipple (9)—one piece of extra heavy drawn brass has 1/8 in. standard iron pipe thread, which conforms to the requirements of all radiators. A Syphon Lock Collar (10) made from extra heavy brass firmly brazed to the syphon prevents either accidental or intentional removal of the syphon from the valve. (Note, the valve can be removed from the radiator without the syphon becoming detached). The Syphon (11)—one piece of annealed brass tubing, is perfectly formed to fit inside the radiator column. Assembled into the valve free from obstruction, thus preventing interference when the valve is attached to the radiator. Regarding the finish, the entire valve is finely nickel plated, of an artistic design and highly polished. A real "beauty" and it works.

List Price.....\$1.50

THE DOLE STRAIGHT SHANK QUICK VENT AIR VALVE

For quick venting the ends of steam mains, specially useful for venting hot water generators and low pressure feed water heaters where a straight shank valve is required. Made from similar material, constructed in like manner and operates on the same principle as the Dole Syphon Air Valve. Made in three sizes—1/4 and 1/8 in. List Price \$2.00 and the 3/4 in. List Price \$3.00.

