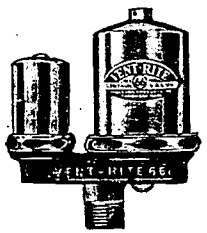
# Anderson Products, Incorporated

## Cambridge, Massachusetts

**Vent-Rite Controlled-Venting Radiator Valves . . . Vent-Rite No. 66 Control Valves . . . Vent-Rite Balancer . . . Vent-Rite Unit Heater Valve. Originators of "Balanced Radiation by Controlled Venting," "The Vent-Vac Method" and "Vacuum Limitation."**

### THE VENT-VAC METHOD

The Vent-Vac Method provides more even room temperatures. This is accomplished by continuing the distribution of steam between firing periods. The steam is available through the use of heat left in the boiler, and it is distributed to the points of greatest heat loss. To insure fast, uniform distribution of steam during the firing periods, it breaks the vacuum used between firing periods for this purpose. This "breaking" of the vacuum occurs as soon as firing starts, restoring the system to atmospheric pressure. Vent-Rite Vacuum Valves, and a Vent-Rite Control Unit are used. The system is simple, economical, and amazingly effective. Vent-Rite Control Units not only create vacuum in the system between firing periods, but also limit the amount of vacuum that can be created to the point beyond which the distribution of excessively expanded vapor would be inefficient. This is another feature developed and pioneered by Vent-Rite and offered only in Vent-Rite Units.




*No. 66*

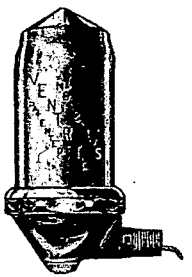
### VENT-RITE CONTROL VALVES

Vent-Rite Control Valve No. 66 is the heart of the Vent-Vac Method of steam control for automatically-fired, one-pipe systems. It takes the place of a main line vent, limits the amount of vacuum created and breaks the vacuum at the beginning of the firing period. It is entirely mechanical. With the Vent-Vac Method, using a No. 66 Control Valve, a system is "Vacuum" between Firing periods, "Non-Vacuum" during Firing, combining the best of both systems, assuring "Balanced Radiation."

The Vent-Rite Line includes Nos. 1, 51, 3, 5A and 55 (Non-Vacuum); 2, 62, 4, 6A, 66, 68 and the Balancer (Vacuum).

### VENT-RITE RADIATOR VALVES

Vent-Rite Controlled-Venting Radiator Valves are made in a wide variety of types, sizes, outlets, and venting capacities. Both Vacuum and Non-Vacuum. All are noiseless in operation, positive in action, close thermostatically under temperature. They may be taken apart for examination and cleaning. Venting is through an adequate straight-line venting orifice, accurately set by a newly designed inconspicious stream-lined Adjusting Disc. For 1942 Vent-Rite also offers a new Siphon Tongue for use especially with small-tube radiation.



*No. 2*



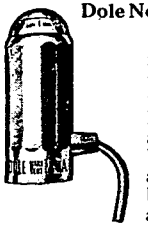


# The Dole Valve Company

**Main Offices and Factory:** 1901-1941 Carroll Avenue, **Chicago, Ill.**

THE ALL STAR LINE **Dole** AIR AND VACUUM VALVES

Selecting the right vent for a particular purpose is your assurance of the utmost efficiency and economy from one pipe steam heating systems. The Dole line covers every venting need and offers a complete choice for every purpose.



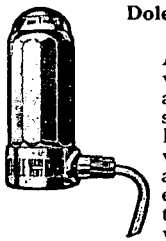
**Dole No. 1A Vari-Vent Air Valve**

Modern gas, oil or stoker fired one pipe steam systems require QUICK venting. This radiator valve lets air escape twice as fast as ordinary valves and balances the flow of steam at the first "breath" of boiler pressure. Adjustable vari-vent feature gets air out of those "far away" radiators as quickly as those close to the boiler.



**Dole No. 3 Air Valve**

Vents radiators of hand fired gravity steam heating systems. Double shell construction provides separate passages for air and condensation—extra large float defeats spitting or water leakage. Complete venting assured at pressures up to 10 lbs.



**Dole No. 2B Vari-Vent Vacuum Valve**

Adjustable radiator valve for "vacuumizing" and balancing gravity steam heating systems. Patented Dole bellows vacuum seal locks out air after it has been once expelled from the system. Easily adjusted vari-vent feature assists in equalizing steam flow to all radiators.



**Dole No. 1933 Air Valve**

Low cost valve for venting radiators of hand fired systems. Large float provides a seal against condensation to stop spitting.

**Dole No. 1B Vari-Vent Air Valve**

Balances the flow of steam to convectors, either cast iron or copper, of automatically fired systems.



**Dole No. 1C Quick Vent Float Valve**

Vents mains and speeds flow of steam to radiators of automatically fired systems. Extra large venting port.



**Dole No. 5 Quick Vent Float Valve**

Vents steam mains on hand fired systems. Positive seal against water.



**Dole No. 4 Quick Vent Valve**

For quick venting mains that end 18 in. or more above the boiler water line.



**Dole No. 103 Vacuum Valve**

For venting convectors, ceiling radiators and pipe coils of "vacuumized" gravity steam systems.



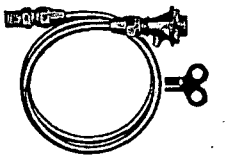
**Dole No. 6B Vacuum Valve**

Vents the mains of "vacuumized" one pipe steam systems. Prevents the return of air. Closes against water.



**Dole No. 14 Key Valve**

Low cost venting device for concealed radiators and convectors of hot water heating systems. Protects panel fronts from rusty water stain.



Write The Dole Valve Company for complete catalog and handy selector chart which indicates the Dole Air or Vacuum Valve most suited for a particular need.