ADSCO
PRODUCTS
for STEAM
SERVICE

AMERICAN DISTRICT STEAM COMPANY

NORTH TONAWANDA, N.Y.

IN BUSINESS OVER SIXTY YEARS

Branches and Agents in Principal Cities

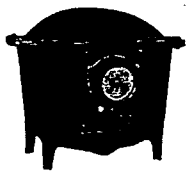
For Data on ADSCO Expansion Joints, refer to Insulation, Underground, page 1186.



ADSCO Flow Meter Orifice Type

ADSCO FLOW METER—ORIFICE TYPE

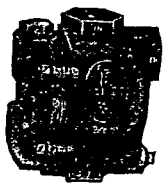
Exceptionally accurate at all rates of flow and will meter steam, water, gas or air. It is a compact unit for indicating, recording and integrating the flow and can be furnished in other combinations of these three devices. Easily installed and maintained by the purchaser. Frictionless meter mechanism, records on evenly-divided, direct-reading chart, giving a daily record from which to determine heating or processing costs. Write for Bulletin No. 35-83G.



Rotary Condensation Meter

ROTARY CONDENSATION METER

Measures steam consumption by metering condensate from heating systems or industrial equipment. Accurate within 1 per cent and factory tested to 150 per cent of rated capacity. Compact, easily cleaned, tamper-proof and equipped with non-fogging counter mechanism. Counter reads directly in pounds. Suitable for vacuum or gravity service. Available in 7 sizes from 250-12,000 lb per hour capacity. Write for Bulletin No. 35-80AG.



ADSCO Vertical Steam Trap

ADSCO VERTICAL STEAM TRAP

A float type steam trap with or without thermostatic air by-pass for vacuum service to 15 lb pressure and gravity service to 125 lb pressure. The cover with all working parts can be removed without disturbing the piping connections. The trap is equipped with a reversible valve and reversible seat of stainless alloy steel. Write for Bulletin No. 35-86G.



ADSCO Instantaneous Water Heater

ADSCO HEAT EXCHANGERS

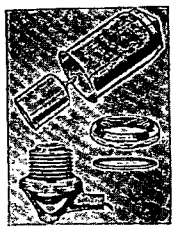
Made in various sizes and capacities to heat or cool water, oils, other liquids or gases according to expert engineering specifications. Simple in design, sturdy in construction, dependable and economical in operation. Available in U-tube or straight tube types of heaters, economizers, condensate coolers or special units. Write for Bulletin No. 35-75BG, 35-76G.

Anderson Products, Incorporated

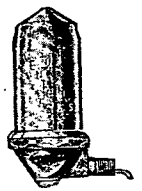
Cambridge, Massachusetts

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

THESE VENT-RITE VALVES



. . . can be cleaned and reconditioned.
. . . can be repaired if necessary.
. . . originated Balanced Radiation.
. . . originated Vacuum Limitation.



No. 2

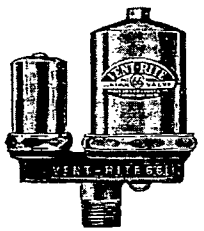
VENT-RITE VALVES

Vent-Rite has pioneered in the promotion of radiator air valves that can be reconditioned, and repaired. Vent-Rite originated Balanced Radiation by controlled venting, made its application practical with Vent-Rite air valves, and further perfected their use under the Vent-Vac Method.

Heating studies of the last few years have proved that a great percentage of valve trouble comes from the accumulation of dirt within the valves. Every Vent-Rite valve can readily be taken apart, cleaned, reassembled, and adjusted, and the process is a simple one. In the rare case where a part may have become defective, the valve can be sent to the factory for complete reconditioning. Only Vent-Rite offers these advantages.

Because every Vent-Rite Valve has an exceptionally wide and complete range of venting rates, it is possible to obtain the correct venting rate in each radiator in a system, regardless of size or location. Balanced Radiation results. Adjustment of the venting rate at the individual valves is easily accomplished through a stream-lined, convenient, adjusting device.

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



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-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.