

Air Valves For Steam Systems

QUICK, UNIFORM DISTRIBUTION OF HEAT TO ALL RADIATION IS THE FIRST ESSENTIAL TO PERFECT PERFORMANCE. THIS REQUIRES BALANCING THE RADIATION BY CONTROLLED VENTING. VENT-RITE'S #1 NON-VACUUM VENTS ARE ADJUSTABLE AND ALL VENTS ARE DESIGNED FOR POSITIVE ACTION AND STRAIGHTLINE VENTING. THEY FUNCTION AUTOMATICALLY TO VENT THE AIR. IF, THROUGH AN UNUSUAL CONDITION, THE VENTS FILLED WITH WATER, THE VENT PORT AUTOMATICALLY CLOSES.

VENT-RITE REPLACEMENT GUIDE		
VENT-RITE	DOLE	HOFFMAN
1 11	1A 1933	1A 40
31 33	3A 3B	41 43
35 75 77	4 3C 5	45 45 45
57	55	74

VENT-RITE NON-VACUUM VENTS						
USE FOR	NO.	CONNECTION	VENT PORT	OPER. PRES.	O.A. HT.	ADJ.
FREE STANDING RADIATORS	1	1/8" MALE	3/32"	3 PSI	3 1/4"	YES
	11		1/16"	6 PSI	2 3/4"	-
CONVECTOR AND RISERS	31	1/8" MALE	1/16"	6 PSI	3 3/4"	-
	33	1/4" MALE	1/16"	6 PSI	3 3/4"	-
MAIN VENTS	35	3/4" MALE X 1/2" FEMALE	3/32"	3 PSI	3 1/4"	-
	75		3/32"	5 PSI	4 5/8"	-
	77		1/8"	3 1/2 PSI	4 5/8"	-
UNIT HEATERS	57	3/4" MALE X 1/2" FEMALE	1/32"	20 PSI	4 5/8"	-
	NOTE:		#57 ALSO REDUCES DAMAGE CAUSED BY WATER HAMMER			

OPERATING PRESSURE (DROP AWAY) IS THE MAXIMUM PRESSURE AT WHICH THE VENT WILL CONTINUE TO OPEN AND CLOSE DUE TO THE CHANGE OF TEMPERATURE. THE VENT MAY BE USED WITH SLIGHTLY HIGHER PRESSURE PROVIDING IT DROPS BELOW THE OPERATING PRESSURE BETWEEN EACH FIRING CYCLE.