

MODEL	DIAMETER	OVERALL LENGTH *	COUNTERWEIGHT OVERRHANG	MINIMUM AIRFLOW (CFM) **	MAXIMUM AIRFLOW (CFM)***	PRESSURE DROP ****	MINIMUM DISTANCE	MAXIMUM DISTANCE
EM-NRV07	7"	21.6"	-	535	1,605	0.35" H ₂ O	7 FT	23 FT
EM-NRV08	8"	21.6"	-	700	2,095			
EM-NRV10	10"	23.6"	-	1,090	3,270			
EM-NRV12	12"	26.3"	4.5"	1,570	4,710			
EM-NRV14	14"	28.3"	4.5"	2,140	6,415			
EM-NRV16	16"	30.3"	6.4"	2,790	8,380			
EM-NRV18	18"	32.2"	8.4"	3,535	10,600			
EM-NRV20	20"	34.2"	12.4"	4,365	13,090	0.63" H ₂ O	10 FT	
EM-NRV22	22"	36.2"	8.4"	5,280	15,840			
EM-NRV24	24"	38.1"	10.4"	6,285	18,850			
EM-NRV26	26"	40.1"	12.4"	7,370	22,110			
EM-NRV28	28"	42.1"	12.4"	8,550	25,650			
EM-NRV32	32"	52.3"	14.1"	11,160	33,490			
EM-NRV36	36"	56.2"	14.1"	14,130	42,390			
EM-NRV40	40"	60.2"	14.1"	17,445	52,330			

* Overall length dimension does not include counterweight overhang dimension.

** Minimum airflow is based on 2000 FPM velocity

*** Maximum airflow is based on 6000 FPM velocity

**** Pressure drop rating is based on velocity of 5905 FPM

Sizes 7" thru 28" are certified ATEX EN 16447:2014 & EN 15089:2009  **0477 EUT 14 ATEX 1954**  **II D**

Rating: CLASS 3 – Kst MAX 400 bar m/s, Pred max = 0.50 bar. Designed to withstand up-to 200" H₂O

Sizes 7" thru 28" are certified ATEX EN 15089:2009  **2049 EUM1 12 ATEX 0714**  **II D**

Rating: CLASS 2 – Kst MAX 299 bar m/s, Pred max = 0.25 bar. Designed to withstand up-to 100" H₂O

ATEX EN 16447 CERTIFICATION AND THE ADDITION OF SIZES 44" & 48" ARE EXPECTED LATE 2015

All EM-NRV no Return Valves are rated from -4 Deg F to +140 Deg. F Ambient Temperature