



Double Flap Airlock® Valves

CAPACITY CHART

H-Series, R Series Valves

Capacities at 6 cycles/minute for valves below 16" and 4 cycles/minute for valves 16" and above

Valve Size	Std Height (inches)	Std Capacity (cf/hour)	Height of Spool Piece (in inches)								
			2"	3"	4"	6"	8"	10"	12"	18"	24"
6"	29 9/16"	60	75	83	90	123	145	167	188	253	319
8"	32 1/16"	90	116	130	148	188	222	256	289	390	491
10"	36 1/16"	150	196	218	237	319	375	431	488	656	825
12"	44 1/16"	300	356	384	426	524	602	699	760	999	1232
16"	60 1/8"	405	476	511	546	770	920	1070	1220	1669	2119
18"	66 1/8"	540	630	675	720	967	1140	1313	1487	2007	2527
24"	88 1/8"	1440	1600	1680	1760	2136	2407	2678	2949	3761	4573

S8-Series, PCV-Series Valves

Capacities at 6 cycles/minute for valves below 16" and 4 cycles/minute for valves 16" and above

Valve Size	Std Height (inches)	Std Capacity (cf/hour)	Height of Spool Piece (in inches)								
			2"	3"	4"	6"	8"	10"	12"	18"	24"
6"	14 1/16"	17	32	39	46	84	108	131	155	226	296
8"	16 1/16"	34	59	72	85	132	166	199	233	333	434
10"	20 1/16"	66	107	128	148	228	284	340	397	565	734
12"	24 1/16"	104	160	188	230	328	406	485	563	800	1036
16"	32 1/8"	160	231	267	302	536	686	836	986	1435	1885
18"	36 1/8"	250	340	385	430	677	850	1023	1197	1716	2237

Maximum Spool Piece Pressures: Cast Iron = 750°F; Ni-Resist = 1200°F; Stainless Steel = 1800° F