

LOW PRESSURE	SIZE	DIA. INLET & OUTLET	DISPL. CU. FT./REV.	RPM	2 PSIG		3 PSIG		4 PSIG		5 PSIG		6 PSIG		7 PSIG	
					CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
					3L 3LV	2½"-S	0.104	1,760 2,265 2,770 3,600	149 202 254 341	1.9 2.4 2.9 3.7	142 194 247 333	2.8 3.5 4.3 5.3	135 188 240 327	3.7 4.7 5.5 7.1	130 182 235 321	4.5 5.6 6.8 8.9
4L 4LV	3"-S	.170	1,760 2,190 2,620 3,600	253 326 400 566	3.0 3.7 4.4 5.8	243 316 389 556	4.5 5.3 6.3 8.7	234 307 381 547	5.7 7.1 8.4 11.6	227 300 373 539	7.1 8.8 10.6 14.5	220 293 366 533	8.5 10.6 12.7 17.4	213 286 360 526	9.9 12.4 14.8 20.3	
5L 5LV	4"-S	.350	1,500 1,760 2,100 2,850	463 554 673 936	5.2 5.8 7.0 9.5	449 540 659 922	7.5 8.8 10.5 14.2	438 529 648 910	10.0 11.7 13.9 18.9	427 518 637 900	12.4 14.6 17.4 23.6	418 509 628 890	14.9 17.5 20.9 28.4	409 500 619 882	17.4 20.4 24.4 33.1	
6L 6LV	6"-F	.718	1,170 1,760 1,930 2,350	739 1,162 1,284 1,586	8.0 12.0 13.1 16.0	716 1,139 1,261 1,563	11.9 18.0 19.7 24.0	697 1,120 1,242 1,544	15.9 24.0 26.3 32.0	680 1,103 1,225 1,527	19.9 29.9 32.8 40.0	664 1,088 1,210 1,512	23.9 35.9 39.4 48.0	650 1,074 1,196 1,497	27.9 41.9 46.0 56.0	

MEDIUM PRESSURE	SIZE	DIA. INLET & OUTLET	DISPL. CU. FT./REV.	RPM	7 PSIG		9 PSIG		10 PSIG		12 PSIG		13 PSIG		14 PSIG	
					CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
					3M 3MV	2"-S	0.060	1,760 2,265 2,770 3,600	64 95 125 175	3.6 4.6 5.5 7.2	59 89 119 169	4.6 5.8 7.1 9.2	87 117 167	6.4 7.9 10.2	112 162	9.5 12.3
4M 4MV	2½"-S	.117	1,760 2,190 2,620 3,600	144 194 245 359	6.8 8.5 10.2 14.0	136 186 236 351	8.8 10.9 13.1 18.0	132 182 233 347	9.8 12.1 14.5 20.0							
5M 5MV	4"-S	.210	1,500 1,760 2,100 2,850	237 292 363 521	10.5 12.3 14.6 19.9	227 281 353 510	13.4 15.8 18.8 25.5	222 277 348 506	14.9 17.5 20.9 28.4	213 268 339 497	17.9 21.0 25.1 34.0	209 263 335 493	19.4 22.8 27.2 36.9			
6M 6MV	5"-S	.383	1,170 1,760 1,930 2,350	332 558 622 784	14.9 22.4 24.5 29.9	316 542 607 768	19.1 28.8 31.5 38.4	309 535 600 761	21.2 32.0 35.0 42.7	296 522 587 748	25.5 38.3 42.0 51.2	289 515 580 741	27.6 41.5 45.5 55.5	283 509 574 735	29.7 44.7 49.1 59.7	

HIGH PRESSURE	SIZE	DIA. INLET & OUTLET	DISPL. CU. FT./REV.	RPM	7 PSIG		8 PSIG		9 PSIG		11 PSIG		13 PSIG		15 PSIG	
					CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
					3H 3HV	1¼"-S	0.045	1,760 2,265 2,770 3,600	46 69 91 129	2.6 3.4 4.1 5.4	44 66 89 126	3.0 3.9 4.7 6.1	41 64 87 124	3.4 4.3 5.3 6.9	60 83 120	5.3 6.5 8.4
4H 4HV	1½"-S	.069	1,760 2,190 2,620 3,600	80 110 139 207	4.0 5.0 6.0 8.2	77 107 137 204	4.6 5.7 6.9 9.4	74 104 134 201	5.2 6.4 7.7 10.6	99 129 196	7.9 9.4 13.0	124 192	11.1 15.3	188	17.7	
5H 5HV	2½"-S	.140	1,500 1,760 2,100 2,850	154 191 238 343	7.0 8.2 9.8 13.2	151 187 235 340	8.0 9.3 11.1 15.1	147 183 231 336	9.0 10.5 12.5 17.0	140 177 224 329	10.9 12.8 15.3 20.8	171 218 323	15.2 18.1 24.6	165 213 318	17.5 20.9 28.4	
6H 6HV	3"-S	.227	1,170 1,760 1,930 2,350	188 321 360 455	8.8 13.3 14.5 17.7	182 316 355 450	10.1 15.1 16.6 20.2	177 311 350 445	11.3 17.0 18.7 22.8	168 302 340 436	13.8 20.8 22.8 27.8	159 293 332 427	16.4 24.6 27.0 32.9	285 324 419	28.4 31.1 37.9	

LOW VACUUM	SIZE	DIA. INLET & OUTLET	DISPL. CU. FT./REV.	RPM	2 "Hg		4 "Hg		8 "Hg		10 "Hg		12 "Hg		14 "Hg	
					CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
					3L 3LV	2½"-S	0.104	1,760 2,265 2,770 3,600	158 211 264 350	1.1 1.3 1.5 1.9	147 200 252 338	1.9 2.4 2.9 3.7	128 180 233 319	3.6 4.6 5.4 7.0	118 171 223 309	4.5 5.5 6.7 8.7
4L 4LV	3"-S	.170	1,760 2,190 2,620 3,600	266 339 412 579	1.6 1.9 2.3 3.1	250 323 396 563	3.0 3.7 4.3 5.7	224 297 370 537	5.6 6.9 8.3 11.4	211 284 357 524	7.0 8.7 10.4 14.3	197 270 343 510	8.4 10.4 12.4 17.1	495	20.0	
5L 5LV	4"-S	.350	1,500 1,760 2,100 2,850	480 571 690 953	2.6 3.1 3.6 4.8	459 550 669 932	5.1 5.7 6.8 9.3	424 515 634 896	9.8 11.5 13.7 18.6	406 497 616 879	12.2 14.3 17.1 23.2	388 479 598 860	14.7 17.2 20.5 27.9	840	32.5	
6L 6LV	6"-F	.718	1,170 1,760 1,930 2,350	766 1,190 1,312 1,614	4.1 5.9 6.5 7.9	732 1,115 1,278 1,579	7.8 11.8 12.9 15.7	674 1,097 1,219 1,521	15.7 23.5 25.8 31.4	645 1,068 1,191 1,492	19.6 29.4 32.3 39.3	615 1,038 1,160 1,462	23.5 35.3 38.7 47.2	1,005 1,127 1,429	41.2 45.2 55.0	

MEDIUM VACUUM	SIZE	DIA. INLET & OUTLET	DISPL. CU. FT./REV.	RPM	6 "Hg		10 "Hg		12 "Hg		14 "Hg		15 "Hg		16 "Hg	
					CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
					3M 3MV	2"-S	0.060	1,760 2,265 2,770 3,600	76 106 136 186	1.6 2.0 2.4 3.1	63 93 124 174	2.6 3.3 4.0 5.0	57 87 117 167	3.1 3.9 4.7 6.0		
4M 4MV	2½"-S	.117	1,760 2,190 2,620 3,600	161 211 262 376	3.0 3.7 4.4 5.9	142 193 243 358	4.9 6.0 7.1 9.8	132 183 233 348	5.8 7.2 8.6 11.8			222 337	10.0 13.7	331	14.7	
5M 5MV	4"-S	.210	1,500 1,760 2,100 2,850	258 313 384 542	4.5 5.2 6.2 8.4	235 290 361 519	7.3 8.6 10.3 13.9	223 277 349 506	8.8 10.3 12.3 16.7			209 264 335 493	10.3 12.1 14.4 19.5	328 485	15.4 20.9	
6M 6MV	5"-S	.383	1,170 1,760 1,930 2,350	363 589 655 815	6.3 9.4 10.3 12.6	328 554 619 780	10.4 15.7 17.2 21.0	310 536 601 762	12.5 18.8 20.7 25.2			290 516 581 741	14.6 22.0 24.1 29.3	279 505 570 731	15.7 23.5 25.8 31.4	

HIGH VACUUM	SIZE	DIA. INLET & OUTLET	DISPL. CU. FT./REV.	RPM	6 "Hg		8 "Hg		12 "Hg		14 "Hg		15 "Hg		16 "Hg	
					CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
					3H 3HV	1¼"-S	0.045	1,760 2,265 2,770 3,600	55 78 100 138	1.1 1.4 1.7 2.3	50 73 95 133	1.5 1.9 2.3 3.0	40 62 85 122	2.2 2.8 3.5 4.5		
4H 4HV	1½"-S	.069	1,760 2,190 2,620 3,600	91 121 151 218	1.7 2.1 2.5 3.5	85 115 144 212	2.3 2.8 3.4 4.6	72 102 132 199	3.4 4.2 5.1 6.9			95 124 192	4.9 5.9 8.1	105 120 188	5.8 6.3 8.7	
5H 5HV	2½"-S	.140	1,500 1,760 2,100 2,850	170 206 254 359	2.9 3.4 4.1 5.6	161 198 245 350	3.9 4.6 5.5 7.4	144 180 228 333	5.9 6.9 8.2 11.2			134 171 218 323	6.8 8.0 9.6 13.0	165 213 318	8.6 10.3 14.0	
6H 6HV	3"-S	.227	1,170 1,760 1,930 2,350	209 343 381 477	3.7 5.6 6.1 7.5	197 331 370 465	4.8 7.4 8.2 9.9	173 307 345 441	7.4 11.2 12.2 14.9			159 293 332 427	8.7 13.0 14.3 17.4	152 286 325 420	9.3 14.0 15.3 18.6	

Performance based on inlet air at standard temperature of 68°F, an ambient pressure of 14.7 psia and 36% relative humidity.
For performance at non-standard conditions, contact your authorized Gardner Denver representative.