

406 & 408

Performance Data

PRESSURE	MODEL	RPM	5 PSIG		7 PSIG		10 PSIG		12 PSIG		15 PSIG	
			CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
	HF 406	1760	147	4.7	136	6.4	120	9.0	111	10.8	198	21.0
2190		198	6.0	187	8.2	171	11.5	161	13.8			
2620		248	7.6	236	10.3	220	14.3	211	17.0			
3600		357	12.0	345	15.7	328	21.3	318	25.1			
4000		399	14.2	387	18.3	370	24.5	360	28.7			
HF 408	1760	223	7.1	211	9.7	193	13.4	182	15.7	170	20.1	
	2190	297	9.2	284	12.5	265	17.2	253	20.2	240	25.6	
	2620	369	11.5	356	15.4	336	21.1	324	24.8	307	31.4	
	3600	529	16.8	515	22.3	493	30.3	479	35.5	458	45.1	
	4000	592	19.2	577	25.3	555	34.2	541	40.0	516	50.5	

VACUUM	MODEL	RPM	10" HG		12" HG		14" HG		16" HG	
			CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
	HF 406	1760	135	4.2	125	5.0	113	5.8	152	8.5
2190		187	5.5	176	6.5	164	7.5			
2620		236	7.0	226	8.2	214	9.4			
3600		345	11.0	333	12.7	321	14.4			
4000		387	13.0	375	14.8	362	16.7			
HF 408	1760	217	6.3	204	7.6	189	8.9	247	12.8	
	2190	292	8.1	278	9.6	264	11.1			
	2620	364	10.1	351	11.8	337	13.6			
	3600	523	15.3	511	17.5	497	19.8			
	4000	584	17.7	573	20.1	560	22.6			

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.

412, 514, 616 & 624

Performance Data

PRESSURE	MODEL	RPM	5 PSIG		7 PSIG		10 PSIG		12 PSIG		15 PSIG	
			CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
	HF 412	1760	350	10.8	331	14.4	305	20.3	289	24.4	375	39.2
2190		461	14	442	18.7	415	26	399	31.1	482	47.6	
2620		570	17.5	551	23.1	524	32	507	38.1	722	67.3	
3600		815	25.9	795	33.8	766	46	748	54.4	818	75.6	
4000		913	29.5	893	38.4	863	52	845	61.3	936	86.1	
4500		1034	34.2	1013	44.3	983	59.6	963	70.1			
HF 514	1000	252	9.5	225	13	188	18.5	165	22.2			
	1600	519	15.2	493	21.1	457	29.9	436	35.9	408	45	
	2200	783	21.6	758	29.6	723	41.9	703	50.2	676	62.7	
	2800	1044	28.4	1019	38.8	986	54.4	967	65	942	80.9	
	3300	1258	34.6	1235	46.8	1203	65.3	1184	77.8	1161	96.5	
	4000	1555	43.8	1532	58.7	1503	81.2	1485	96.3	1463	119	
HF 616	1000	444	16.3	405	21.7	353	30.1	323	35.8			
	1600	880	25.4	840	34.7	788	48.7	757	58.3	718	72.9	
	2200	1305	36.3	1265	49.3	1212	69.1	1181	82.5	1141	102.7	
	2800	1720	48.9	1680	65.7	1626	91.2	1594	108.4	1553	134.3	
	3300	2058	60.8	2018	80.7	1963	111.0	1931	131.3	1889	162.0	
HF 624	1000	673	23.2	620	31.5	547	44.5	502	53.6			
	1600	1310	37.7	1259	51.8	1187	73.5	1144	88.4			
	2200	1947	54.3	1896	74.1	1827	104.5	1785	125.1			
	2800	2581	72.7	2532	98.4	2464	137.4	2423	163.7			
	3300	3109	89.6	3060	120.0	2994	166.3	2955	197.4			

VACUUM	MODEL	RPM	10" HG		12" HG		14" HG		16" HG	
			CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
HF 412	1760	331	19.9	309	24.5	284	29.6			
	2190	444	25.5	421	30.8	397	36.7	370	43.1	
	2620	554	31.5	532	37.6	508	44.2	481	51.3	
	3600	798	46.9	532	37.6	754	63	728	71.8	
	4000	895	53.9	875	62.4	851	71.3	826	80.8	
	4500	1015	63.2	994	72.5	971	82.3	946	92.6	
HF 514	1000	238	9.3	212	11.2	185	13.1			
	1600	503	14.9	479	17.8	453	20.7	427	23.7	
	2200	767	20.9	743	24.8	719	28.8	695	32.8	
	2800	1028	27.3	1006	32.3	983	37.3	960	42.4	
	3300	1244	33.1	1223	38.9	1202	44.8	1180	50.7	
	4000	1545	41.7	1525	48.7	1505	55.8	1484	63	
HF 616	1000	469	15.8	419	18.5	358	21.2	285	23.9	
	1600	904	25.8	863	30.1	811	34.4	746	38.8	
	2200	1335	36.7	1302	42.7	1258	48.8	1202	54.8	
	2800	1760	48.8	1737	56.4	1701	64.1	1653	71.9	
	3300	2111	59.6	2095	68.7	2066	77.7	2025	86.9	
HF 624	1000	657	23.8	608	27.7	563	31.2	521	34.5	
	1600	1341	38.4	1300	45.0	1262	51.4	1227	57.5	
	2200	2014	53.8	1980	63.3	1949	72.4	1922	81.3	
	2800	2676	70.0	2649	82.4	2626	94.4	2605	106.1	
	3300	3218	84.3	3198	98.9	3181	113.3	3167	127.3	

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