

# COMPRESSOR CAPACITY FOR YOUR DRY PIPE SYSTEM

Use the table below to match compatible C-Aire Compressors with the capacity of your dry systems or visit our website at [cairecompressors.com](http://cairecompressors.com) and use the online tool to find the compressor that best fits your needs. According to NFPA 13, “The air supply shall have a capacity capable of restoring normal air pressure in the system within 30 minutes” (NFPA 13 8.2.6.3.2). Click on a model number or series below to go to the corresponding page on our website.

**SIZE ONLINE**

	MODEL #	HP	TANK SIZE (GAL)	CFM @ 10 PSI	40 PSI (GAL)	38 PSI (GAL)	36 PSI (GAL)	34 PSI (GAL)	32 PSI (GAL)	30 PSI (GAL)	28 PSI (GAL)	26 PSI (GAL)	24 PSI (GAL)	22 PSI (GAL)	20 PSI (GAL)	18 PSI (GAL)	16 PSI (GAL)	14 PSI (GAL)	12 PSI (GAL)	10 PSI (GAL)	8 PSI (GAL)	
WHISPER QUIET SERIES	RISER	<b>S110R LD</b>	0.5	N/A	1.55	110	118	127	136	147	160	175	191	211	234	262	295	338	394	470	580	744
		<b>S163/S253/S418R LD</b>	0.5	N/A	2.21	163	N/A	N/A	N/A	N/A	N/A	253	N/A	N/A	N/A	N/A	418	N/A	N/A	N/A	N/A	N/A
		<b>S164R LD</b>	0.5	N/A	2.21	163	174	187	200	216	233	253	275	302	333	371	418	478	557	662	810	1038
	TANK	<b>S280R LD</b>	1	1	3.8	280	298	318	341	367	396	430	469	515	569	633	715	818	951	1130	1386	1767
		<b>S281R LD</b>	1	N/A	3.8	280	298	318	341	367	396	430	469	515	569	633	715	818	951	1130	1386	1767
		<b>S275 LD</b>	1	3	3.8	280	298	318	341	367	396	430	469	515	569	633	715	818	951	1130	1386	1767
		<b>S550 LD</b>	2	30	7.6	560	596	636	682	734	792	860	938	1030	1138	1266	1430	1636	1902	2260	2772	3534
		<b>S715 LD</b>	3	30	10.07	723	769	820	877	942	1015	1098	1196	1311	1444	1608	1810	2065	2395	2842	3477	4479
		<b>S950 LD</b>	4	30	13.51	973	1034	1103	1180	1267	1365	1479	1612	1766	1948	2172	2447	2792	3249	3867	4747	6145
BASEPLATE SERIES	<b>S244B HD</b>	0.5	N/A	3.18	244	259	277	296	317	341	370	403	442	488	543	614	700	814	966	1188	1528	
	<b>S600B HD</b>	1	N/A	7.58	615	652	694	739	792	851	919	999	1094	1205	1340	1510	1720	1997	2390	2962	3871	
	<b>S910B HD</b>	2	N/A	11.46	911	964	1023	1092	1166	1253	1350	1465	1601	1761	1951	2193	2489	2887	3422	4178	5364	
OIL-LUBRICATED TANK SERIES	<b>S175 HD</b>	1	3	2.5	208	218	228	240	253	267	280	298	320	345	376	416	479	563	676	832	1071	
	<b>S265 HD</b>	1.5	3	3.2	305	324	340	360	377	397	419	444	468	503	551	610	701	819	991	1220	1544	
	<b>S300 SD</b>	1.5	3	3.98	312	331	351	375	401	431	466	505	551	606	672	753	855	987	1166	1422	1816	
	<b>S325 HD</b>	1.5	3	4.89	387	409	434	461	493	530	571	620	676	743	823	921	1044	1205	1422	1734	2205	
	<b>S500 HD</b>	1.5	30	7.52	565	599	637	679	727	781	843	915	999	1100	1220	1368	1555	1799	2124	2586	3295	
	<b>S750 HD</b>	3	30	12.5	975	1030	1093	1162	1241	1331	1433	1552	1691	1854	2056	2303	2613	3014	3560	4335	5541	
	<b>S900 HD</b>	5	30	13.54	1067	1129	1197	1273	1359	1457	1569	1699	1851	2033	2251	2520	2860	3302	3906	4767	6097	
	<b>S1300 HD</b>	5	60	17.44	1394	1473	1561	1660	1772	1900	2048	2218	2419	2661	2952	3308	3762	4361	5173	6356	8206	
<b>S1700 HD</b>	7.5	60	35.87	2516	2671	2841	3031	3239	3478	3755	4078	4454	4905	5447	6121	6983	8125	9710	12006	15632		