



# 407

Max RPM: 2800 Max HP: 1 Shaft size: 3/4"

CFM	1/4" SP				1/2" SP				3/4" SP				1" SP				1-1/2" SP				2" SP			
	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI
100	712	2	0.03	1.31	1000	4.5	0.07	1.05	1223	7	0.13	0.81	1412	9.4	0.19	0.70	1729	14.1	0.35	0.53	1997	18.5	0.54	0.44
200	754	2.3	0.04	1.38	1026	4.8	0.08	1.15	1242	7.2	0.14	0.92	1425	9.6	0.21	0.78	1737	14.2	0.38	0.61	2001	18.6	0.57	0.52
300	834	3.1	0.05	1.43	1077	5.4	0.1	1.16	1280	7.7	0.17	0.94	1458	10	0.24	0.83	1762	14.7	0.42	0.66	2021	18.9	0.61	0.58
400	949	4.2	0.09	1.15	1156	6.3	0.14	1.05	1341	8.5	0.21	0.92	1508	10.8	0.28	0.84	1800	15.3	0.46	0.71	2053	19.6	0.67	0.62
500	1078	5.6	0.15	0.92	1261	7.7	0.2	0.92	1425	9.8	0.27	0.86	1578	11.9	0.35	0.80	1853	16.2	0.53	0.72	2096	20.4	0.74	0.65
600	1212	7.3	0.22	0.78	1385	9.4	0.29	0.77	1529	11.3	0.36	0.77	1668	13.3	0.43	0.77	1923	17.5	0.62	0.71	2154	21.5	0.84	0.65
700	1349	9.1	0.32	0.66	1516	11.2	0.4	0.67	1652	13.2	0.48	0.68	1775	15.2	0.56	0.69	2009	19	0.75	0.67	2227	22.9	0.97	0.64
800	1488	11	0.44	0.58	1649	13.4	0.54	0.59	1781	15.4	0.63	0.61	1898	17.3	0.72	0.62	2109	20.9	0.91	0.63	-	-	-	-
900	1629	13.1	0.6	0.50	1785	15.7	0.71	0.52	1914	17.7	0.82	0.54	2026	19.6	0.92	0.56	-	-	-	-	-	-	-	-
1000	1771	15.4	0.78	0.45	1922	18	0.92	0.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	



# 409

Max RPM: 2800 Max HP: 2 Shaft size: 3/4"

CFM	1/4" SP				1/2" SP				3/4" SP				1" SP				1-1/2" SP				2" SP			
	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI
100	569	1.6	0.01	0.48	796	4.1	0.03	1.58	971	6.7	0.05	1.50	1118	9.3	0.07	1.42	1364	14.4	0.12	1.23	1571	18.9	0.18	1.09
200	587	1.8	0.02	1.60	816	4.4	0.04	1.69	991	7	0.07	1.48	1138	9.7	0.1	1.35	1385	14.8	0.17	1.16	1593	19.4	0.24	1.06
300	603	1.9	0.03	1.74	834	4.6	0.06	1.58	1010	7.3	0.09	1.46	1158	10.1	0.13	1.31	1405	15.2	0.21	1.15	1614	19.9	0.3	1.05
400	614	2	0.04	1.77	849	4.8	0.08	1.51	1027	7.6	0.12	1.37	1176	10.5	0.16	1.29	1424	15.6	0.26	1.12	1633	20.3	0.36	1.04
500	632	2.2	0.05	1.78	862	5	0.09	1.57	1042	7.8	0.14	1.38	1191	10.8	0.2	1.22	1441	15.9	0.3	1.13	1651	20.8	0.42	1.03
600	676	2.7	0.07	1.64	873	5.2	0.11	1.53	1054	8.1	0.17	1.33	1206	11.1	0.23	1.22	1458	16.3	0.35	1.11	1668	21.3	0.48	1.03
700	731	3.4	0.1	1.44	891	5.5	0.14	1.42	1065	8.3	0.19	1.35	1218	11.3	0.26	1.23	1472	16.6	0.4	1.10	1684	21.7	0.55	1.02
800	788	4.2	0.13	1.32	932	6.1	0.18	1.29	1079	8.5	0.23	1.28	1229	11.5	0.3	1.20	1485	16.9	0.45	1.09	1699	22	0.62	1.01
900	847	5.1	0.18	1.13	984	7	0.23	1.17	1106	9	0.28	1.20	1242	11.8	0.35	1.16	1496	17.1	0.5	1.09	1712	22.4	0.68	1.02
1000	907	6	0.23	1.03	1039	8	0.29	1.06	1152	10	0.35	1.09	1264	12.3	0.41	1.11	1508	17.4	0.56	1.08	1724	22.7	0.75	1.01
1100	969	7.1	0.29	0.94	1096	9.1	0.35	0.99	1204	11.2	0.42	1.02	1304	13.2	0.49	1.03	1520	17.7	0.63	1.06	1734	22.9	0.81	1.02
1200	1031	8.2	0.36	0.86	1155	10.4	0.43	0.91	1259	12.5	0.5	0.95	1353	14.3	0.57	0.98	1541	18.2	0.73	1.00	1746	23.2	0.9	1.00
1300	1095	9.4	0.44	0.79	1214	11.8	0.52	0.84	1316	13.7	0.6	0.88	1406	15.5	0.67	0.92	1576	19	0.84	0.95	1761	23.6	1.01	0.97
1400	1159	10.9	0.54	0.72	1275	13.1	0.63	0.77	1373	15	0.71	0.82	1462	16.8	0.79	0.86	1622	20.2	0.96	0.91	1783	24.3	1.14	0.94
1500	1224	12.3	0.65	0.67	1336	14.5	0.74	0.73	1432	16.3	0.83	0.77	1519	18.1	0.92	0.81	1673	21.7	1.1	0.86	1819	25.3	1.29	0.90
1600	1290	13.7	0.77	0.63	1398	15.8	0.88	0.68	1492	17.8	0.97	0.73	1576	19.6	1.07	0.76	1727	23.1	1.25	0.82	1865	26.8	1.45	0.86
1700	1356	15.2	0.9	0.60	1460	17.3	1.02	0.64	1552	19.2	1.13	0.68	1635	21.1	1.23	0.72	1783	24.7	1.42	0.78	1915	28.5	1.63	0.82
1800	1424	16.7	1.06	0.56	1524	18.8	1.19	0.60	1613	20.8	1.3	0.64	1695	22.8	1.41	0.68	1839	26.5	1.61	0.74	1968	30.3	1.82	0.79
1900	1491	18.3	1.23	0.53	1588	20.4	1.36	0.58	1675	22.5	1.49	0.61	1755	24.4	1.61	0.64	1896	28.4	1.82	0.71	-	-	-	-
2000	1559	19.9	1.41	0.51	1652	22.2	1.56	0.55	1737	24.2	1.7	0.58	1815	26.3	1.82	0.62	-	-	-	-	-	-	-	-
2100	1627	21.8	1.62	0.49	1718	23.9	1.78	0.52	1800	26.1	1.92	0.56	-	-	-	-	-	-	-	-	-	-	-	-
2200	1696	23.6	1.85	0.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Grey shaded areas meet or exceed the FEI standards for efficiency in California.  
 FEI calculated using default motor efficiency without the motor.  
 For complete fan performance please use Delair or consult factory. [www.canarm.com/delair](http://www.canarm.com/delair)

Performance certified is for installation type B: free inlet, ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effect of appurtenances (accessories).



# 410

Max RPM: 2000 Max HP: 2 Shaft size: 3/4"

CFM	1/4" SP				1/2" SP				1" SP				1-1/2" SP				2" SP				2-1/2" SP			
	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI
100	485	2.7	0.01	0.48	680	5.5	0.03	1.66	954	10.6	0.08	1.55	1164	15.6	0.14	1.23	1341	20	0.22	1.09	1497	24.4	0.3	0.95
200	492	2.8	0.02	1.59	692	5.7	0.04	1.69	970	10.9	0.1	1.35	1182	16	0.17	1.16	1360	20.5	0.25	1.03	1516	24.9	0.34	0.93
300	488	2.7	0.02	1.83	697	5.7	0.05	1.75	981	10.8	0.12	1.39	1195	16.1	0.2	1.20	1374	20.8	0.29	1.08	1532	25.4	0.39	0.98
400	486	2.7	0.03	1.97	692	5.7	0.06	1.80	985	10.8	0.14	1.42	1203	16.1	0.23	1.23	1385	20.9	0.33	1.11	1544	25.5	0.44	1.03
500	495	2.8	0.04	1.97	687	5.6	0.07	1.84	983	10.8	0.16	1.45	1207	16.1	0.26	1.26	1392	20.9	0.37	1.15	1553	25.6	0.49	1.06
600	516	3	0.05	1.97	688	5.6	0.09	1.74	977	10.9	0.18	1.47	1204	16.1	0.29	1.29	1394	20.9	0.41	1.18	1557	25.6	0.54	1.09
700	543	3.4	0.07	1.79	700	5.7	0.11	1.67	972	10.9	0.2	1.50	1198	16.1	0.32	1.32	1390	20.9	0.45	1.20	1558	25.6	0.59	1.12
800	574	3.9	0.09	1.67	718	6	0.13	1.63	972	10.9	0.23	1.48	1192	16.1	0.35	1.34	1384	20.9	0.49	1.23	1554	25.6	0.64	1.14
900	608	4.5	0.12	1.50	743	6.2	0.17	1.46	978	10.9	0.26	1.46	1189	16.1	0.39	1.34	1378	20.9	0.53	1.25	1547	25.5	0.69	1.17
1000	644	5.2	0.15	1.39	771	6.7	0.2	1.40	991	10.8	0.3	1.41	1191	16.1	0.43	1.34	1374	20.8	0.58	1.25	1541	25.5	0.74	1.19
1100	682	5.9	0.19	1.26	802	7.4	0.25	1.27	1010	11	0.36	1.31	1198	16.1	0.48	1.31	1374	20.8	0.63	1.26	1537	25.4	0.8	1.20
1200	722	6.6	0.23	1.18	835	8.1	0.3	1.19	1032	11.2	0.42	1.25	1210	16.1	0.54	1.28	1377	20.8	0.69	1.25	1535	25.4	0.86	1.21
1300	763	7.5	0.28	1.10	869	8.8	0.36	1.11	1058	11.6	0.49	1.18	1227	16.1	0.62	1.22	1386	20.9	0.76	1.23	1538	25.5	0.93	1.21
1400	806	8.3	0.34	1.02	906	9.7	0.42	1.05	1086	12.2	0.57	1.11	1248	16.2	0.7	1.17	1400	21	0.85	1.19	1544	25.5	1.01	1.20
1500	849	9.2	0.41	0.94	943	10.5	0.49	0.99	1116	13.1	0.66	1.05	1271	16.3	0.8	1.11	1417	21.1	0.95	1.15	1556	25.6	1.11	1.17
1600	893	10.2	0.48	0.89	982	11.5	0.57	0.94	1149	14	0.75	1.00	1298	16.7	0.91	1.06	1437	21.3	1.06	1.11	1571	25.8	1.23	1.13
1700	937	11.3	0.57	0.83	1022	12.4	0.66	0.89	1182	14.9	0.85	0.96	1326	17.5	1.02	1.02	1460	21.5	1.19	1.06	1589	26	1.36	1.10
1800	982	12.8	0.66	0.79	1064	13.5	0.76	0.84	1216	15.9	0.97	0.91	1356	18.5	1.15	0.97	1486	21.8	1.33	1.02	1610	26.3	1.5	1.06
1900	1028	14.2	0.77	0.75	1105	14.7	0.87	0.80	1252	16.9	1.09	0.87	1387	19.6	1.29	0.93	1513	22.5	1.48	0.98	1633	26.7	1.66	1.03
2000	1074	15.6	0.88	0.71	1148	16.1	1	0.76	1288	18.1	1.22	0.84	1420	20.7	1.44	0.89	1542	23.6	1.64	0.94	1658	27.1	1.83	0.99
2100	1120	17	1.01	0.68	1191	17.5	1.13	0.73	1326	19.4	1.36	0.81	1453	21.9	1.6	0.86	1572	24.7	1.81	0.91	-	-	-	-
2200	1167	18.2	1.15	0.65	1235	18.9	1.27	0.70	1365	20.8	1.52	0.78	1488	23.2	1.77	0.83	1604	26	2	0.88	-	-	-	-
2300	1214	19.5	1.3	0.63	1279	20.3	1.43	0.67	1404	22.2	1.69	0.75	1523	24.5	1.95	0.80	-	-	-	-	-	-	-	-
2400	1261	20.9	1.47	0.60	1324	21.8	1.6	0.65	1445	23.6	1.87	0.72	-	-	-	-	-	-	-	-	-	-	-	-
2500	1308	22.3	1.65	0.58	1369	23.4	1.79	0.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2600	1356	23.8	1.84	0.56	1414	25	1.99	0.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Performance certified is for installation type B: free inlet, ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effect of appurtenances (accessories).



# 412

Max RPM: 1800 Max HP: 2 Shaft size: 3/4"

CFM	1/4" SP				1/2" SP				1" SP				1-1/2" SP				2" SP				2-1/2" SP			
	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI
100	407	3.5	0.01	0.48	564	7.1	0.04	1.42	785	14.1	0.09	1.20	955	20.4	0.17	0.95	1097	26.2	0.25	0.84	1223	32.2	0.35	0.74
200	428	3.9	0.02	1.59	590	7.8	0.04	1.68	815	15.1	0.11	1.26	985	21.6	0.19	1.06	1129	27.6	0.28	0.94	1255	33.8	0.38	0.85
300	432	3.9	0.02	1.82	608	8.3	0.05	1.74	839	16	0.13	1.31	1012	22.7	0.21	1.15	1157	28.9	0.31	1.02	1284	35.3	0.42	0.92
400	425	3.8	0.03	1.95	612	8.4	0.06	1.79	857	16.6	0.15	1.34	1034	23.5	0.24	1.19	1181	30	0.35	1.06	1310	36.6	0.46	0.99
500	413	3.6	0.03	2.18	607	8.3	0.08	1.68	865	16.7	0.17	1.38	1051	24.1	0.27	1.22	1201	31	0.39	1.09	1331	37.7	0.51	1.02
600	412	3.6	0.04	2.17	597	8	0.09	1.72	865	16.7	0.19	1.40	1059	24.2	0.3	1.25	1216	31.6	0.43	1.12	1350	38.7	0.56	1.05
700	423	3.8	0.06	1.93	585	7.7	0.1	1.76	859	16.7	0.21	1.43	1060	24.2	0.34	1.24	1223	31.7	0.47	1.15	1363	39.1	0.61	1.08
800	441	4.1	0.07	1.92	581	7.6	0.11	1.81	850	16.4	0.23	1.46	1056	24.2	0.37	1.27	1224	31.7	0.51	1.18	1368	39.1	0.67	1.09
900	462	4.8	0.09	1.78	588	7.8	0.14	1.65	838	15.9	0.26	1.44	1049	24.1	0.4	1.29	1221	31.6	0.56	1.18	1369	39.1	0.72	1.12
1000	481	5.5	0.11	1.68	600	8.1	0.16	1.62	827	15.6	0.28	1.47	1039	23.7	0.44	1.29	1214	31.5	0.6	1.20	1366	39.1	0.78	1.13
1100	501	6.1	0.13	1.62	618	8.5	0.19	1.53	822	15.4	0.31	1.46	1026	23.2	0.47	1.32	1205	31.2	0.65	1.21	1359	39	0.83	1.15
1200	522	6.7	0.16	1.50	638	9.3	0.23	1.42	825	15.5	0.35	1.41	1015	22.8	0.5	1.34	1194	30.7	0.7	1.22	1350	38.7	0.89	1.16
1300	545	7.4	0.19	1.42	659	10.2	0.27	1.34	834	15.8	0.4	1.36	1008	22.5	0.54	1.34	1182	30.1	0.74	1.24	1340	38.1	0.95	1.17
1400	569	8.1	0.23	1.31	678	11.1	0.31	1.29	847	16.3	0.45	1.31	1007	22.5	0.6	1.31	1171	29.6	0.78	1.26	1328	37.5	1	1.19
1500	595	8.9	0.28	1.20	697	11.9	0.35	1.25	864	16.7	0.51	1.26	1013	22.7	0.66	1.28	1164	29.2	0.84	1.25	1316	36.9	1.05	1.21
1600	621	9.8	0.32	1.16	717	12.7	0.4	1.19	883	17.4	0.58	1.20	1023	23.1	0.74	1.23	1163	29.2	0.91	1.24	1306	36.4	1.12	1.21
1700	647	10.7	0.38	1.08	738	13.5	0.46	1.13	903	18.5	0.65	1.15	1035	23.6	0.82	1.19	1168	29.4	0.99	1.22	1301	36.1	1.19	1.21
1800	674	11.7	0.44	1.02	761	14.5	0.52	1.09	924	19.6	0.72	1.12	1051	24.1	0.91	1.15	1176	29.8	1.09	1.18	1300	36.1	1.28	1.19
1900	701	12.8	0.5	0.98	786	15.5	0.6	1.03	944	20.7	0.81	1.07	1070	24.6	1	1.12	1187	30.3	1.19	1.15	1306	36.4	1.39	1.17
2000	728	13.9	0.57	0.94	810	16.5	0.67	0.99	963	21.8	0.89	1.04	1089	25.7	1.1	1.08	1201	31	1.3	1.12	1314	36.8	1.5	1.15
2100	755	15	0.65	0.90	836	17.6	0.76	0.95	982	22.8	0.98	1.01	1110	27	1.21	1.05	1218	31.6	1.42	1.09	1325	37.3	1.63	1.12
2200	783	16.1	0.74	0.85	862	18.7	0.85	0.91	1002	23.8	1.08	0.98	1131	28.3	1.33	1.01	1236	32.2	1.55	1.05	1338	38	1.77	1.09
2300	810	17.3	0.83	0.82	888	19.9	0.95	0.88	1022	24.7	1.18	0.96	1152	29.7	1.45	0.99	1256	33.6	1.68	1.03	1353	38.9	1.92	1.06
2400	838	18.5	0.93	0.80	914	21.1	1.06	0.84	1044	25.7	1.3	0.93	1170	31	1.57	0.96	1276	35.1	1.83	1.00	-	-	-	-
2500	866	19.8	1.04	0.77	941	22.4	1.18	0.81	1066	26.9	1.42	0.90	1189	32.3	1.7	0.94	1297	36.6	1.98	0.97	-	-	-	-
2600	894	21.1	1.16	0.74	967	23.7	1.3	0.79	1090	28.1	1.56	0.87	1209	33.5	1.84	0.92	-	-	-	-	-	-	-	-
2700	922	22.5	1.28	0.72	994	25	1.44	0.76	1114	29.5	1.7	0.85	1229	34.6	1.99	0.90	-	-	-	-	-	-	-	-
2800	951	23.9	1.42	0.70	1022	26.3	1.58	0.74	1139	30.9	1.86	0.82	-	-	-	-	-	-	-	-	-	-	-	-
2900	979	25.4	1.56	0.68	1049	27.6	1.73	0.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3000	1007	26.8	1.71	0.67	1076	28.9	1.89	0.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3100	1036	28.2	1.88	0.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Grey shaded areas meet or exceed the FEI standards for efficiency in California.  
 FEI calculated using default motor efficiency without the motor.  
 For complete fan performance please use Delair or consult factory. [www.canarm.com/delair](http://www.canarm.com/delair)

Performance certified is for installation type B: free inlet, ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effect of appurtenances (accessories).



**415**

Max RPM: 1500 Max HP: 3 Shaft size: 1"

CFM	1/4" SP				1/2" SP				1" SP				1-1/2" SP				2" SP				2-1/2" SP			
	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI
100	313	7.1	0.03	1.30	441	11.1	0.08	0.96	622	17.4	0.22	0.62	761	23	0.41	0.47	878	28.2	0.63	0.39	982	33	0.88	0.33
200	316	7.3	0.03	1.51	444	11.3	0.09	1.05	626	17.6	0.23	0.72	765	23.3	0.42	0.55	882	28.5	0.64	0.46	985	33.3	0.9	0.40
300	320	7.6	0.04	1.55	448	11.6	0.09	1.21	629	17.9	0.24	0.81	768	23.5	0.44	0.63	886	28.8	0.66	0.53	989	33.6	0.92	0.47
400	324	7.9	0.04	1.74	452	11.9	0.1	1.28	633	18.1	0.26	0.87	772	23.8	0.45	0.70	889	29.1	0.68	0.60	992	33.8	0.94	0.53
500	328	8.2	0.05	1.73	456	12.2	0.11	1.33	637	18.4	0.27	0.95	776	24.1	0.47	0.76	893	29.3	0.71	0.65	996	34.1	0.97	0.58
600	331	8.3	0.05	1.90	459	12.4	0.12	1.38	640	18.7	0.28	1.02	779	24.4	0.49	0.82	896	29.6	0.73	0.71	1000	34.4	1	0.63
700	335	8.2	0.06	1.87	463	12.7	0.13	1.43	644	19	0.3	1.06	783	24.7	0.51	0.87	900	29.9	0.76	0.75	1003	34.6	1.03	0.68
800	338	8.2	0.07	1.85	467	12.8	0.14	1.47	648	19.3	0.32	1.09	787	24.9	0.54	0.91	904	30.2	0.79	0.79	1007	34.9	1.07	0.71
900	340	8.2	0.07	1.99	471	12.8	0.15	1.51	652	19.5	0.34	1.12	791	25.2	0.57	0.94	908	30.5	0.82	0.83	1011	35.2	1.1	0.75
1000	343	8.1	0.08	1.97	474	12.8	0.17	1.47	656	19.8	0.37	1.13	795	25.5	0.6	0.96	912	30.8	0.86	0.86	1015	35.6	1.15	0.78
1100	345	8.1	0.09	1.95	477	12.7	0.18	1.51	660	20	0.39	1.16	799	25.8	0.63	0.99	915	31.1	0.9	0.89	1019	35.9	1.19	0.81
1200	346	8.1	0.1	1.93	480	12.7	0.2	1.48	663	20	0.42	1.16	802	26.1	0.67	1.00	919	31.4	0.94	0.91	1022	36.2	1.24	0.84
1300	347	8.1	0.11	1.92	482	12.7	0.21	1.52	667	20	0.44	1.18	806	26.4	0.7	1.03	923	31.7	0.99	0.92	1026	36.5	1.29	0.86
1400	349	8.1	0.12	1.92	485	12.7	0.23	1.50	670	20	0.47	1.19	810	26.5	0.74	1.04	927	32	1.03	0.95	1030	36.8	1.35	0.87
1500	352	8.1	0.13	1.92	487	12.7	0.25	1.48	673	20	0.5	1.19	814	26.5	0.78	1.05	931	32.2	1.08	0.96	1034	37.1	1.41	0.89
1600	359	8.4	0.15	1.82	489	12.7	0.27	1.47	676	20.1	0.53	1.20	817	26.5	0.82	1.06	935	32.3	1.13	0.97	1038	37.4	1.47	0.90
1700	368	8.8	0.17	1.75	489	12.7	0.28	1.51	679	20.1	0.56	1.20	820	26.6	0.86	1.07	938	32.4	1.19	0.97	1042	37.7	1.53	0.92
1800	377	9.1	0.19	1.69	490	12.7	0.3	1.50	681	20.1	0.59	1.21	823	26.6	0.9	1.07	942	32.4	1.24	0.99	1046	37.7	1.59	0.93
1900	386	9.5	0.22	1.59	492	12.7	0.33	1.46	684	20.2	0.62	1.21	826	26.7	0.95	1.07	945	32.5	1.29	1.00	1049	37.8	1.66	0.93
2000	396	9.9	0.24	1.56	494	12.7	0.35	1.46	686	20.2	0.66	1.20	829	26.7	0.99	1.08	948	32.5	1.34	1.01	1053	37.9	1.72	0.95
2100	406	10.4	0.27	1.49	498	12.8	0.38	1.43	689	20.2	0.69	1.21	832	26.8	1.04	1.08	951	32.6	1.4	1.01	1056	38	1.79	0.95
2200	416	10.8	0.3	1.43	504	13	0.41	1.40	691	20.2	0.73	1.20	834	26.8	1.08	1.09	954	32.6	1.46	1.02	1059	38	1.85	0.96
2300	427	11.2	0.33	1.39	512	13.4	0.44	1.38	692	20.2	0.77	1.20	837	26.8	1.13	1.09	957	32.7	1.52	1.02	1062	38.1	1.92	0.97
2400	437	11.7	0.36	1.36	520	13.8	0.48	1.34	692	20.3	0.8	1.21	840	26.9	1.18	1.10	960	32.7	1.58	1.02	1065	38.2	2	0.97
2500	448	12.1	0.4	1.30	529	14.2	0.52	1.31	693	20.3	0.84	1.21	842	26.9	1.24	1.09	962	32.8	1.64	1.03	1068	38.2	2.07	0.98
2600	459	12.5	0.44	1.26	538	14.6	0.57	1.26	694	20.3	0.88	1.21	844	27	1.29	1.09	965	32.8	1.71	1.03	1071	38.3	2.14	0.98
2700	469	13	0.48	1.22	548	15	0.62	1.22	696	20.3	0.93	1.19	847	27	1.35	1.09	968	32.9	1.77	1.03	1074	38.4	2.22	0.99
2800	480	13.4	0.52	1.19	557	15.5	0.67	1.19	698	20.3	0.97	1.19	847	27	1.4	1.10	970	32.9	1.84	1.04	1076	38.4	2.3	0.99
2900	490	13.8	0.56	1.17	567	16	0.72	1.17	701	20.4	1.02	1.19	847	27	1.45	1.10	973	33	1.91	1.04	1079	38.5	2.38	0.99
3000	501	14.2	0.61	1.13	578	16.5	0.78	1.13	705	20.5	1.08	1.17	848	27	1.51	1.10	975	33	1.98	1.04	1081	38.6	2.46	1.00
3100	512	14.7	0.66	1.10	588	17	0.84	1.10	712	20.9	1.14	1.16	849	27	1.57	1.10	977	33.1	2.06	1.04	1084	38.6	2.55	1.00
3200	522	15.1	0.71	1.08	598	17.5	0.9	1.08	719	21.3	1.21	1.14	850	27.1	1.63	1.10	978	33.1	2.13	1.04	1086	38.7	2.64	1.00
3300	533	15.6	0.77	1.05	609	18	0.96	1.06	728	21.8	1.29	1.11	852	27.1	1.7	1.09	978	33.1	2.2	1.04	1089	38.8	2.72	1.00
3400	544	16.1	0.83	1.02	619	18.5	1.03	1.04	736	22.3	1.37	1.09	855	27.1	1.77	1.09	979	33.1	2.28	1.04	1091	38.8	2.82	1.00
3500	555	16.6	0.89	1.00	630	19	1.1	1.01	745	22.8	1.45	1.07	857	27.2	1.84	1.09	980	33.1	2.35	1.04	1093	38.9	2.91	1.00
3600	567	17.1	0.96	0.98	641	19.5	1.18	0.99	754	23.3	1.54	1.05	861	27.3	1.92	1.08	981	33.2	2.43	1.04	1094	38.9	3	1.00
3700	578	17.7	1.03	0.96	651	20.1	1.26	0.97	763	23.8	1.63	1.03	865	27.5	2	1.07	982	33.2	2.52	1.04	-	-	-	-
3800	589	18.3	1.1	0.94	662	20.6	1.34	0.95	773	24.4	1.72	1.02	872	27.9	2.1	1.06	984	33.2	2.61	1.04	-	-	-	-
3900	601	18.8	1.18	0.92	672	21.1	1.42	0.94	783	25	1.82	1.00	880	28.4	2.21	1.04	986	33.3	2.7	1.04	-	-	-	-
4000	612	19.4	1.26	0.90	683	21.6	1.5	0.92	792	25.5	1.93	0.98	888	28.9	2.32	1.03	989	33.3	2.79	1.04	-	-	-	-
4200	635	20.6	1.43	0.87	704	22.7	1.69	0.89	813	26.8	2.15	0.94	905	30	2.56	1.00	996	33.6	3	1.03	-	-	-	-
4500	670	22.4	1.72	0.82	736	24.4	1.99	0.85	844	28.6	2.51	0.90	932	31.7	2.95	0.95	-	-	-	-	-	-	-	-
4800	706	24.3	2.04	0.79	769	26.1	2.33	0.82	875	30.4	2.91	0.86	-	-	-	-	-	-	-	-	-	-	-	-
5000	730	25.7	2.28	0.76	791	27.3	2.59	0.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5300	766	27.7	2.68	0.73	825	29.4	3	0.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5500	791	29.1	2.96	0.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Grey shaded areas meet or exceed the FEI standards for efficiency in California.  
 FEI calculated using default motor efficiency without the motor.  
 For complete fan performance please use Delair or consult factory. [www.canarm.com/delair](http://www.canarm.com/delair)

Performance certified is for installation type B: free inlet, ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effect of appurtenances (accessories).



**418**

Max RPM: 1200 Max HP: 5 Shaft size: 1"

CFM	1/4" SP				1/2" SP				1" SP				1-1/2" SP				2" SP				2-1/2" SP			
	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI
100	275	5.2	0.02	1.37	388	9	0.04	1.42	547	15.5	0.12	0.98	668	21.6	0.21	0.81	771	27.3	0.31	0.70	862	34.2	0.43	0.62
200	280	5.3	0.02	1.59	392	9.2	0.05	1.51	551	15.7	0.13	1.12	673	21.8	0.23	0.91	776	27.6	0.35	0.78	866	34.7	0.47	0.71
300	284	5.5	0.03	1.72	397	9.4	0.06	1.57	556	15.9	0.15	1.17	678	22.1	0.26	0.97	780	27.9	0.38	0.86	871	35.1	0.52	0.77
400	289	5.8	0.03	1.93	401	9.5	0.07	1.62	560	16.1	0.17	1.21	682	22.3	0.29	1.02	785	28.2	0.42	0.90	876	35.5	0.56	0.83
500	294	6.2	0.04	1.92	406	9.7	0.09	1.53	565	16.3	0.19	1.25	687	22.6	0.32	1.05	790	28.6	0.46	0.95	880	35.9	0.61	0.87
600	297	6.3	0.05	1.89	411	9.9	0.1	1.57	569	16.4	0.21	1.28	691	22.8	0.35	1.09	794	28.9	0.5	0.98	885	36.3	0.66	0.91
700	297	6.3	0.06	1.86	416	10.1	0.11	1.60	574	16.4	0.24	1.26	695	23	0.38	1.12	798	29.2	0.54	1.01	889	36.7	0.71	0.94
800	292	6	0.06	2.01	419	10.2	0.13	1.54	579	16.4	0.27	1.25	701	22.9	0.42	1.12	803	29.6	0.58	1.04	893	37.1	0.76	0.97
900	286	5.6	0.07	1.98	422	10.3	0.14	1.58	584	16.4	0.29	1.28	706	22.7	0.46	1.12	808	29.2	0.63	1.05	898	37.5	0.82	0.98
1000	282	5.4	0.08	1.94	420	10.3	0.16	1.53	588	16.3	0.32	1.26	711	22.6	0.5	1.12	813	28.9	0.68	1.05	903	37.2	0.88	0.99
1100	282	5.4	0.08	2.07	415	10.1	0.18	1.49	592	16.5	0.35	1.26	715	22.5	0.54	1.13	818	28.6	0.73	1.06	908	36.8	0.94	1.00
1200	283	5.4	0.09	2.04	409	9.8	0.19	1.52	595	16.7	0.38	1.25	720	22.4	0.58	1.13	823	28.3	0.79	1.06	913	36.5	1	1.01
1300	285	5.6	0.1	2.01	403	9.5	0.2	1.55	597	16.8	0.42	1.22	724	22.6	0.63	1.12	828	28.1	0.84	1.06	918	36.2	1.07	1.01
1400	290	5.9	0.12	1.87	400	9.5	0.22	1.53	595	16.7	0.45	1.22	727	22.8	0.67	1.12	832	28	0.9	1.06	923	36	1.14	1.01
1500	295	6.2	0.13	1.87	399	9.4	0.23	1.55	590	16.4	0.48	1.22	729	23	0.72	1.11	836	28.2	0.96	1.06	927	35.8	1.21	1.01
1600	300	6.4	0.15	1.77	399	9.4	0.24	1.58	584	16.4	0.51	1.22	731	23.2	0.77	1.10	839	28.5	1.03	1.04	931	35.6	1.29	1.01
1700	306	6.6	0.17	1.69	400	9.5	0.26	1.56	578	16.4	0.54	1.22	729	23	0.82	1.10	842	28.9	1.09	1.04	935	36.2	1.36	1.01
1800	313	6.8	0.18	1.70	403	9.5	0.28	1.54	572	16.4	0.57	1.22	725	22.7	0.86	1.10	844	29.1	1.15	1.04	938	36.6	1.44	1.01
1900	320	7	0.2	1.64	406	9.7	0.31	1.49	567	16.4	0.59	1.24	719	22.4	0.91	1.10	844	29.2	1.22	1.03	941	37	1.52	1.00
2000	327	7.2	0.23	1.54	411	9.9	0.33	1.48	565	16.3	0.62	1.24	713	22.5	0.95	1.10	840	28.7	1.28	1.04	943	37.3	1.6	1.00
2200	341	7.8	0.28	1.44	421	10.3	0.4	1.37	564	16.3	0.67	1.26	701	22.8	1.04	1.11	830	28	1.41	1.03	941	37	1.76	0.99
2400	356	8.4	0.33	1.37	433	10.9	0.47	1.30	566	16.4	0.74	1.25	693	22.9	1.12	1.12	818	28.6	1.52	1.04	932	35.7	1.92	0.99
2500	364	8.8	0.36	1.33	440	11.1	0.5	1.28	568	16.4	0.78	1.24	692	22.8	1.15	1.14	812	28.9	1.58	1.04	926	35.8	1.99	1.00
2600	371	9.1	0.4	1.27	446	11.4	0.54	1.25	571	16.4	0.82	1.23	691	22.8	1.19	1.14	807	29.3	1.63	1.05	920	36.1	2.07	1.00
2800	387	9.8	0.47	1.20	460	12.1	0.63	1.18	580	16.4	0.93	1.19	691	22.8	1.28	1.15	800	29.4	1.73	1.07	908	36.8	2.21	1.00
3000	403	10.5	0.55	1.13	475	12.9	0.72	1.13	590	16.4	1.05	1.14	694	23	1.39	1.14	798	29.2	1.83	1.08	897	37.5	2.34	1.02
3200	419	11.2	0.64	1.07	489	13.7	0.83	1.07	601	17.1	1.18	1.10	700	22.9	1.52	1.12	798	29.2	1.95	1.09	893	37.1	2.46	1.03
3400	435	11.9	0.75	1.00	504	14.5	0.95	1.02	613	18	1.32	1.06	709	22.7	1.68	1.09	801	29.4	2.09	1.08	892	36.9	2.6	1.04
3500	444	12.2	0.8	0.98	512	14.8	1.01	1.00	620	18.5	1.4	1.04	713	22.5	1.77	1.07	803	29.6	2.17	1.08	892	37	2.67	1.05
3600	452	12.6	0.86	0.96	519	15.2	1.07	0.98	626	18.9	1.47	1.02	718	22.4	1.86	1.05	806	29.4	2.25	1.07	892	37	2.75	1.05
3700	461	13	0.92	0.93	527	15.6	1.14	0.96	633	19.4	1.55	1.00	724	22.6	1.96	1.03	809	29.2	2.35	1.06	894	37.1	2.83	1.05
3800	469	13.4	0.98	0.91	535	15.9	1.21	0.94	640	19.9	1.64	0.98	729	23	2.05	1.02	813	28.9	2.45	1.05	895	37.3	2.92	1.05
3900	478	13.7	1.05	0.89	543	16.3	1.29	0.91	647	20.5	1.72	0.97	735	23.5	2.15	1.00	817	28.7	2.56	1.04	897	37.5	3.02	1.04
4000	486	14.1	1.12	0.87	551	16.7	1.36	0.90	654	21	1.81	0.95	741	24	2.25	0.99	822	28.4	2.68	1.02	900	37.3	3.12	1.04
4100	495	14.5	1.19	0.85	558	17.1	1.44	0.88	661	21.6	1.91	0.93	747	24.5	2.36	0.97	827	28.2	2.8	1.00	903	37.1	3.23	1.03
4200	504	14.8	1.27	0.83	566	17.5	1.53	0.86	668	22.2	2.01	0.92	754	25	2.47	0.96	832	28	2.92	0.99	907	36.9	3.36	1.02
4400	521	15.6	1.43	0.80	583	18.2	1.7	0.83	683	23.3	2.21	0.89	767	26.1	2.7	0.93	843	29	3.17	0.97	915	36.4	3.63	1.00
4500	530	15.9	1.52	0.78	591	18.6	1.8	0.82	690	23.9	2.32	0.88	773	26.7	2.82	0.92	849	29.7	3.31	0.95	920	36.1	3.78	0.98
5000	575	18.3	2.01	0.71	632	20.7	2.32	0.75	728	26.2	2.91	0.81	808	30.1	3.47	0.86	880	33.6	4.02	0.90	947	37.9	4.57	0.93
5200	593	19.2	2.23	0.69	649	21.6	2.56	0.73	743	27.1	3.18	0.79	823	31.8	3.77	0.84	893	35.4	4.34	0.88	959	39.7	4.91	0.91
5500	621	20.8	2.6	0.66	675	23	2.95	0.70	766	28.4	3.61	0.76	845	34.6	4.24	0.81	914	38.4	4.85	0.84	-	-	-	-
5900	658	23	3.15	0.62	709	24.7	3.53	0.66	798	30.3	4.25	0.72	875	37.8	4.93	0.77	-	-	-	-	-	-	-	-
6300	695	25.3	3.77	0.59	744	26.6	4.19	0.63	830	32.7	4.97	0.68	-	-	-	-	-	-	-	-	-	-	-	-
6700	733	27.7	4.48	0.57	780	28.9	4.92	0.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6900	752	29	4.86	0.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Grey shaded areas meet or exceed the FEI standards for efficiency in California.  
 FEI calculated using default motor efficiency without the motor.  
 For complete fan performance please use Delair or consult factory. [www.canarm.com/delair](http://www.canarm.com/delair)

Performance certified is for installation type B: free inlet, ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effect of appurtenances (accessories).



**420**

Max RPM: 1250 Max HP: 7-1/2 Shaft size: 1-3/16"



CFM	1/2" SP				1" SP				1-1/2" SP				2" SP				2-1/2" SP				3" SP			
	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI
200	355	13.3	0.09	1.05	499	20.8	0.23	0.72	609	27.9	0.41	0.57	702	34.7	0.63	0.47	784	43.5	0.87	0.41	859	50.4	1.14	0.37
400	363	13.6	0.1	1.27	507	21.3	0.26	0.87	617	28.4	0.46	0.69	710	35.3	0.68	0.60	792	44.4	0.94	0.53	867	51.1	1.22	0.48
600	371	14	0.12	1.37	515	21.8	0.29	0.99	625	29	0.5	0.80	718	35.9	0.74	0.70	800	45.3	1.01	0.62	874	51.9	1.3	0.57
700	375	14.2	0.13	1.42	519	22	0.31	1.02	629	29.2	0.53	0.84	722	36.2	0.77	0.74	804	45.6	1.05	0.66	878	52.2	1.35	0.61
800	378	14.3	0.14	1.45	523	22.3	0.33	1.06	633	29.5	0.55	0.89	726	36.6	0.81	0.77	808	45.9	1.09	0.70	882	52.6	1.39	0.65
1000	380	14.4	0.16	1.52	531	22.7	0.37	1.11	641	30.1	0.61	0.94	734	37.6	0.88	0.84	816	46.6	1.17	0.77	890	53.3	1.49	0.71
1200	377	14.3	0.19	1.51	537	23.1	0.41	1.16	649	30.7	0.67	0.99	742	38.5	0.95	0.89	825	47.3	1.26	0.82	899	54.2	1.6	0.76
1300	375	14.2	0.2	1.53	538	23.2	0.44	1.16	652	30.9	0.7	1.01	746	39	0.99	0.91	829	47.7	1.31	0.84	903	54.6	1.65	0.78
1400	372	14	0.21	1.56	538	23.2	0.46	1.18	656	31.2	0.74	1.02	750	39.4	1.04	0.92	832	48	1.36	0.86	907	55	1.71	0.80
1600	367	13.8	0.23	1.60	536	23	0.51	1.20	659	31.4	0.8	1.05	757	40.2	1.13	0.95	840	48.7	1.47	0.89	914	55.7	1.83	0.84
1800	365	13.7	0.26	1.59	531	22.8	0.55	1.23	658	31.4	0.87	1.08	760	40.6	1.22	0.98	846	49.3	1.58	0.91	922	56.4	1.96	0.87
2000	364	13.7	0.29	1.59	526	22.5	0.6	1.25	655	31.2	0.94	1.09	760	40.7	1.31	1.00	850	49.6	1.69	0.94	928	57.1	2.1	0.89
2200	365	13.7	0.32	1.58	519	22.1	0.64	1.28	651	30.8	1.01	1.11	759	40.4	1.4	1.02	850	49.7	1.81	0.95	931	57.4	2.23	0.91
2400	366	13.8	0.36	1.55	517	21.9	0.7	1.27	646	30.4	1.08	1.13	755	40	1.49	1.04	849	49.5	1.92	0.97	932	57.4	2.37	0.93
2600	370	13.9	0.41	1.49	516	21.8	0.75	1.28	639	30	1.15	1.14	750	39.5	1.59	1.05	846	49.3	2.04	0.99	930	57.3	2.51	0.94
2800	374	14.1	0.46	1.45	515	21.8	0.81	1.28	635	29.6	1.22	1.16	745	38.8	1.68	1.06	842	48.9	2.15	1.00	928	57	2.65	0.96
3000	380	14.4	0.52	1.39	515	21.8	0.87	1.28	633	29.5	1.3	1.16	738	38.1	1.77	1.08	836	48.4	2.27	1.02	924	56.6	2.78	0.97
3200	386	14.7	0.59	1.33	516	21.9	0.95	1.26	632	29.4	1.38	1.17	734	37.5	1.87	1.09	830	47.9	2.39	1.03	919	56.1	2.92	0.99
3400	394	15.1	0.65	1.29	518	22	1.03	1.24	631	29.4	1.47	1.17	731	37.2	1.97	1.10	824	47.3	2.5	1.04	913	55.6	3.06	1.00
3600	401	15.6	0.73	1.24	522	22.2	1.12	1.22	631	29.4	1.57	1.16	730	37.1	2.08	1.10	820	46.9	2.62	1.05	907	55	3.2	1.01
3800	410	16.1	0.81	1.20	526	22.5	1.22	1.19	632	29.4	1.67	1.16	729	37	2.19	1.11	818	46.7	2.75	1.06	900	54.3	3.34	1.02
4000	419	16.7	0.9	1.15	531	22.7	1.33	1.16	633	29.5	1.79	1.14	728	36.9	2.31	1.11	816	46.6	2.89	1.06	898	54.1	3.49	1.03
4200	428	17.3	1	1.10	536	23.1	1.45	1.12	636	29.7	1.91	1.13	729	36.9	2.44	1.10	815	46.5	3.03	1.07	896	53.9	3.65	1.03
4400	438	17.9	1.11	1.06	542	23.5	1.57	1.10	639	29.9	2.04	1.12	730	37	2.58	1.10	815	46.5	3.18	1.07	894	53.7	3.81	1.04
4600	448	18.6	1.23	1.02	549	23.9	1.7	1.07	643	30.2	2.19	1.09	731	37.2	2.73	1.09	815	46.5	3.34	1.06	893	53.6	3.98	1.04
4700	453	18.9	1.29	1.00	553	24.2	1.77	1.06	645	30.4	2.27	1.08	732	37.3	2.81	1.08	815	46.5	3.42	1.06	893	53.6	4.07	1.04
4800	458	19.3	1.36	0.98	556	24.5	1.84	1.04	648	30.6	2.36	1.07	733	37.5	2.9	1.08	815	46.5	3.5	1.06	892	53.6	4.16	1.04
5000	469	20	1.5	0.94	564	25.1	1.99	1.02	653	31	2.53	1.04	736	37.8	3.07	1.06	816	46.6	3.68	1.06	892	53.6	4.35	1.04
5100	474	20.4	1.57	0.92	568	25.5	2.07	1.00	656	31.2	2.62	1.03	738	38	3.17	1.05	817	46.7	3.78	1.05	892	53.6	4.44	1.04
5200	479	20.8	1.64	0.91	572	25.8	2.15	0.99	659	31.4	2.71	1.02	740	38.2	3.26	1.05	818	46.8	3.88	1.05	893	53.6	4.55	1.04
5400	491	21.6	1.8	0.87	581	26.5	2.32	0.96	665	31.9	2.9	1.00	744	38.8	3.47	1.03	820	47	4.08	1.04	894	53.7	4.76	1.03
5600	502	22.4	1.97	0.84	590	27.2	2.5	0.94	672	32.4	3.1	0.98	749	39.3	3.69	1.01	823	47.2	4.3	1.03	895	53.8	4.98	1.03
5700	508	22.8	2.06	0.83	594	27.6	2.6	0.92	675	32.8	3.2	0.97	752	39.6	3.8	1.00	825	47.4	4.42	1.02	896	53.9	5.1	1.02
5800	513	23.2	2.15	0.81	599	27.9	2.7	0.91	679	33.1	3.3	0.96	755	40	3.92	0.99	827	47.6	4.55	1.01	897	54	5.22	1.02
6000	525	24.1	2.34	0.79	608	28.7	2.9	0.89	686	33.8	3.52	0.94	760	40.7	4.16	0.97	831	47.9	4.8	1.00	900	54.3	5.48	1.01
6200	537	25	2.54	0.76	618	29.5	3.12	0.86	694	34.5	3.75	0.92	767	41.4	4.42	0.95	836	48.4	5.07	0.98	903	54.6	5.75	1.00
7000	586	28.9	3.46	0.68	659	33.1	4.13	0.77	729	38	4.8	0.84	795	45.2	5.53	0.89	859	50.5	6.29	0.92	921	56.4	7.02	0.94
7200	599	29.9	3.73	0.66	670	34	4.42	0.75	738	39.3	5.1	0.83	803	46.1	5.84	0.87	866	51.2	6.61	0.90	927	57	7.38	0.93
7700	630	32.5	4.44	0.62	697	36.5	5.2	0.71	762	42.6	5.9	0.78	824	48.4	6.68	0.83	884	53.3	7.5	0.87	-	-	-	-
8100	656	34.7	5.08	0.59	720	38.8	5.89	0.68	782	45.2	6.63	0.75	842	50.3	7.42	0.80	-	-	-	-	-	-	-	-
8500	682	37	5.78	0.57	744	41.9	6.65	0.65	803	48	7.43	0.72	-	-	-	-	-	-	-	-	-	-	-	-
8900	708	39.5	6.54	0.54	767	45.1	7.47	0.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9300	735	42.8	7.38	0.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Grey shaded areas meet or exceed the FEI standards for efficiency in California.  
 FEI calculated using default motor efficiency without the motor.  
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Performance certified is for installation type B: free inlet, ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effect of appurtenances (accessories).



422

Max RPM: 1200 Max HP: 7-1/2 Shaft size: 1-3/16"

CFM	1/2" SP				1" SP				1-1/2" SP				2" SP				2-1/2" SP				3" SP			
	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI	RPM	Sone	HP	FEI
500	353	6.9	0.16	1.01	495	12.3	0.41	0.67	604	17.6	0.72	0.53	695	22.2	1.08	0.45	776	26.1	1.48	0.39	848	29.9	1.93	0.35
600	354	6.9	0.17	1.06	497	12.4	0.42	0.72	606	17.7	0.74	0.57	698	22.3	1.11	0.48	779	26.2	1.53	0.43	851	30.1	1.98	0.39
800	356	7	0.19	1.15	501	12.6	0.46	0.80	611	17.9	0.8	0.64	703	22.5	1.18	0.55	783	26.5	1.61	0.49	857	30.3	2.08	0.45
1000	356	7	0.21	1.23	503	12.7	0.5	0.86	614	18.1	0.85	0.70	706	22.7	1.26	0.61	788	26.7	1.7	0.54	861	30.6	2.19	0.50
1200	354	6.9	0.23	1.29	504	12.7	0.54	0.92	616	18.2	0.91	0.75	709	22.9	1.33	0.66	791	26.9	1.8	0.59	865	30.8	2.3	0.54
1400	350	6.8	0.25	1.35	503	12.7	0.58	0.96	617	18.3	0.97	0.80	711	23	1.41	0.70	794	27	1.89	0.63	868	30.9	2.41	0.58
1600	344	6.6	0.27	1.40	502	12.6	0.62	1.01	617	18.3	1.04	0.83	713	23	1.49	0.74	796	27.1	1.99	0.67	870	31.1	2.53	0.62
1800	339	6.4	0.29	1.44	498	12.5	0.66	1.05	616	18.2	1.1	0.87	713	23	1.57	0.77	797	27.2	2.09	0.70	872	31.2	2.65	0.65
2000	335	6.3	0.31	1.49	494	12.3	0.7	1.08	614	18.1	1.16	0.90	712	23	1.66	0.80	797	27.2	2.19	0.74	873	31.2	2.77	0.68
2200	333	6.2	0.33	1.53	489	12.1	0.74	1.11	611	17.9	1.22	0.93	710	22.9	1.74	0.83	796	27.1	2.3	0.76	873	31.2	2.89	0.71
2400	332	6.2	0.37	1.49	484	11.8	0.78	1.14	607	17.7	1.28	0.96	708	22.8	1.82	0.86	795	27.1	2.4	0.79	873	31.2	3.01	0.74
2500	333	6.2	0.39	1.48	481	11.5	0.8	1.16	604	17.6	1.31	0.97	706	22.7	1.86	0.87	794	27	2.45	0.80	872	31.1	3.07	0.75
2600	334	6.3	0.41	1.47	479	11.3	0.82	1.17	602	17.4	1.34	0.99	704	22.6	1.9	0.88	792	26.9	2.5	0.81	871	31.1	3.14	0.76
2700	336	6.3	0.43	1.46	477	11.2	0.84	1.19	599	17.3	1.36	1.01	702	22.5	1.94	0.90	791	26.9	2.55	0.82	870	31	3.2	0.77
2800	338	6.4	0.45	1.45	475	11	0.87	1.19	596	17.2	1.39	1.02	700	22.4	1.98	0.91	789	26.8	2.6	0.84	869	31	3.26	0.78
3000	342	6.5	0.5	1.41	472	10.8	0.92	1.20	591	16.8	1.45	1.04	695	22.2	2.05	0.93	785	26.6	2.7	0.86	866	30.8	3.38	0.80
3100	344	6.6	0.53	1.38	471	10.8	0.94	1.21	589	16.6	1.48	1.05	692	22	2.09	0.94	783	26.5	2.75	0.87	864	30.7	3.44	0.81
3200	346	6.7	0.56	1.35	470	10.8	0.97	1.21	586	16.5	1.51	1.06	689	21.9	2.13	0.96	781	26.3	2.8	0.88	862	30.6	3.5	0.82
3400	351	6.8	0.61	1.33	470	10.8	1.04	1.21	582	16.2	1.58	1.08	684	21.6	2.21	0.98	776	26.1	2.89	0.90	858	30.4	3.62	0.84
3500	353	6.9	0.64	1.31	471	10.8	1.08	1.20	581	16	1.62	1.08	682	21.4	2.25	0.99	773	26	2.94	0.91	855	30.3	3.68	0.85
3600	356	7	0.67	1.30	472	10.8	1.12	1.19	579	15.9	1.65	1.09	679	21.2	2.29	1.00	770	25.8	2.99	0.92	853	30.2	3.73	0.86
3800	362	7.2	0.73	1.27	475	11	1.21	1.17	577	15.8	1.74	1.10	675	20.8	2.38	1.01	765	25.6	3.09	0.94	848	29.9	3.85	0.88
3900	365	7.3	0.77	1.24	477	11.1	1.26	1.16	576	15.7	1.78	1.10	673	20.7	2.42	1.02	763	25.2	3.14	0.95	845	29.7	3.9	0.89
4000	369	7.4	0.8	1.23	478	11.3	1.31	1.14	576	15.7	1.83	1.10	671	20.6	2.47	1.02	760	25	3.19	0.96	842	29.6	3.96	0.90
4200	375	7.6	0.88	1.19	482	11.6	1.41	1.12	576	15.7	1.94	1.09	668	20.4	2.57	1.03	756	24.7	3.29	0.97	837	29.2	4.08	0.92
4300	379	7.7	0.92	1.17	484	11.8	1.46	1.11	577	15.8	2	1.09	667	20.3	2.62	1.04	754	24.6	3.35	0.98	835	29	4.14	0.93
4400	382	7.8	0.96	1.16	487	11.9	1.51	1.10	578	15.9	2.06	1.08	666	20.3	2.68	1.04	752	24.4	3.41	0.98	832	28.8	4.2	0.93
4600	390	8.1	1.05	1.12	491	12.2	1.61	1.09	581	16.1	2.19	1.07	665	20.2	2.8	1.04	748	24.2	3.53	0.99	828	28.4	4.33	0.95
4700	394	8.3	1.1	1.10	494	12.3	1.67	1.08	583	16.2	2.26	1.06	665	20.2	2.87	1.04	747	24.1	3.59	1.00	826	28.2	4.39	0.95
4800	398	8.5	1.15	1.08	496	12.4	1.72	1.07	584	16.3	2.33	1.05	665	20.2	2.94	1.04	746	24	3.66	1.00	824	28.1	4.46	0.96
5000	406	8.8	1.25	1.05	501	12.6	1.84	1.05	588	16.6	2.47	1.04	667	20.3	3.1	1.03	744	23.9	3.8	1.01	821	27.8	4.61	0.97
5100	410	9	1.3	1.03	504	12.7	1.9	1.04	590	16.7	2.55	1.03	668	20.4	3.19	1.02	744	23.8	3.88	1.01	819	27.7	4.69	0.97
5200	415	9.2	1.36	1.01	507	12.9	1.96	1.03	592	16.9	2.62	1.02	669	20.4	3.27	1.02	743	23.8	3.96	1.01	818	27.6	4.76	0.97
5300	419	9.4	1.42	1.00	510	13	2.03	1.02	594	17.1	2.7	1.01	671	20.5	3.36	1.01	743	23.8	4.05	1.00	817	27.5	4.85	0.98
5400	423	9.6	1.48	0.98	513	13.1	2.09	1.01	596	17.2	2.77	1.01	672	20.6	3.45	1.01	744	23.9	4.15	1.00	816	27.5	4.93	0.98
5500	427	9.8	1.54	0.97	516	13.3	2.16	1.00	599	17.3	2.85	1.00	674	20.7	3.54	1.00	745	23.9	4.25	1.00	815	27.4	5.02	0.98
5600	432	10	1.6	0.95	520	13.4	2.23	0.99	601	17.4	2.93	1.00	676	20.9	3.64	0.99	746	24	4.35	0.99	815	27.4	5.11	0.98
6000	449	10.9	1.88	0.89	533	14	2.53	0.96	611	17.9	3.27	0.97	684	21.5	4.04	0.97	751	24.4	4.78	0.97	816	27.5	5.55	0.97
7000	494	13.2	2.72	0.77	572	16.2	3.46	0.85	641	19.5	4.25	0.90	707	22.8	5.11	0.92	771	25.8	6.01	0.92	830	28.6	6.89	0.93
7400	512	14.2	3.12	0.73	589	17.2	3.9	0.82	655	20.2	4.71	0.87	719	23.3	5.61	0.89	780	26.3	6.54	0.90	838	29.4	7.49	0.91
8000	539	15.7	3.79	0.68	614	18.9	4.64	0.77	677	21.4	5.5	0.82	738	24.2	6.42	0.86	796	27.1	7.41	0.88	-	-	-	-
8600	567	17.4	4.56	0.64	641	20.5	5.49	0.72	702	22.9	6.4	0.78	758	25.2	7.34	0.82	-	-	-	-	-	-	-	-
9200	595	19.1	5.43	0.60	668	22.2	6.44	0.68	727	24.4	7.41	0.74	-	-	-	-	-	-	-	-	-	-	-	-
9800	624	20.9	6.41	0.57	694	23.7	7.5	0.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10300	648	22.5	7.32	0.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Grey shaded areas meet or exceed the FEI standards for efficiency in California.  
 FEI calculated using default motor efficiency without the motor.  
 For complete fan performance please use Delair or consult factory. [www.canarm.com/delair](http://www.canarm.com/delair)

Performance certified is for installation type B: free inlet, ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effect of appurtenances (accessories).



425

Max RPM: 1000 Max HP: 10 Shaft size: 1-3/16"

Table with 25 columns: CFM, 1/2" SP (RPM, Sone, HP, FEI), 1" SP (RPM, Sone, HP, FEI), 1-1/2" SP (RPM, Sone, HP, FEI), 2" SP (RPM, Sone, HP, FEI), 2-1/2" SP (RPM, Sone, HP, FEI), 3" SP (RPM, Sone, HP, FEI). Rows range from 700 CFM to 14300 CFM.

Grey shaded areas meet or exceed the FEI standards for efficiency in California. FEI calculated using default motor efficiency without the motor. For complete fan performance please use Delair or consult factory. www.canarm.com/delair

Performance certified is for installation type B: free inlet, ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effect of appurtenances (accessories).