

RA-RE1100DD Performance Table

RA-RE1100DD

CFM	Discharge Velocity FPM	Static Pressure in Inches W.G.										
		0.000	0.250	0.500	0.750	1.000	1.250	1.500	1.750	2.000	2.250	2.500
		RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP
100	104		746 2.1 / 0.03									
300	313		809 2.7 / 0.04	1079 4.9 / 0.09	1304 7.4 / 0.15	1500 9.8 / 0.23	1676 12.3 / 0.32	1829 14.0 / 0.41	1974 16.0 / 0.51	2113 18.0 / 0.62	2239 19.8 / 0.74	2344 21 / 0.83
500	522	715 2.6 / 0.03	996 4.5 / 0.09	1205 6.9 / 0.14	1389 8.7 / 0.20	1558 10.7 / 0.28	1712 12.7 / 0.36	1866 14.6 / 0.46	2000 16.4 / 0.56	2137 18.3 / 0.68	2252 19.9 / 0.79	2381 22 / 0.93
700	730	1000 5.0 / 0.09	1228 6.9 / 0.17	1400 9.4 / 0.24	1556 12.1 / 0.32	1695 14.0 / 0.39	1832 15.1 / 0.48	1961 16.4 / 0.57	2083 17.8 / 0.67	2201 19.2 / 0.78	2310 21 / 0.89	
900	939	1286 8.1 / 0.19	1475 9.8 / 0.29	1627 12.5 / 0.39	1761 14.7 / 0.48	1887 16.7 / 0.58	2004 18.8 / 0.68	2113 20 / 0.77	2222 21 / 0.88	2326 23 / 0.99		
1100	1148	1569 12.6 / 0.35	1735 13.9 / 0.47	1871 15.3 / 0.60	1993 17.6 / 0.72	2103 19.6 / 0.83	2209 22 / 0.95	2306 23 / 1.06				
1300	1357	1854 16.0 / 0.57	2000 16.1 / 0.72	2121 17.6 / 0.87	2234 21 / 1.02	2334 23 / 1.15						
1500	1565	2140 19.0 / 0.88	2266 20 / 1.05	2381 22 / 1.23								

Max Sizeable RPM = 2400 RPM. Table shown extended beyond this point for reference only.

Max discharge velocity for restaurant applications is 1800 fpm. This equates to 1725 cfm.

- Motor 00118ET3H143T-W22 has an rpm range of 600 to 1750.
- Motor 00118OT3E56-S48PP has an rpm range of 600 to 1720.
- Motor 00118OT3E56-S48PP-50HZ has an rpm range of 600 to 1425.
- Motor 00118OT3H143T-S has an rpm range of 600 to 1750.
- Motor 00236ET3H145T-W22 has an rpm range of 900 to 2400.
- Motor 00236OT3H145T-S has an rpm range of 900 to 2400.
- Motor BMN48-37511-50-115 has an rpm range of 600 to 1800.
- Motor BMN48-37511-60-115 has an rpm range of 600 to 1800.
- Motor BMN48-37512-50-230/277 has an rpm range of 600 to 1800.
- Motor BMN48-37512-60-230/277 has an rpm range of 600 to 1800.
- Motor DTP0014 has an rpm range of 600 to 1750.
- Motor DTP0014-50HZ has an rpm range of 600 to 1429.
- Motor DTP0022 has an rpm range of 900 to 2400.
- Motor DTP0022-50 has an rpm range of 900 to 2400.
- Motor GP0014 has an rpm range of 600 to 1800.
- Motor GP0014-50 has an rpm range of 600 to 1440.
- Motor GP0022 has an rpm range of 900 to 2400.

Performance shown is certified for Installation Type A: Free inlet, Free outlet. Performance ratings do not include the effects of appurtenances (accessories). Power rating (BHP) does not include transmission losses. The sound ratings shown are loudness values in fan sones at 5 ft (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: Free inlet hemispherical sone levels.