

RA-RE1500DD Performance Table

RA-RE1500DD

CFM	Discharge Velocity FPM	Static Pressure in Inches W.G.						
		0.000	0.500	1.000	1.500	2.000	2.500	3.000
		RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP
400	294		855 7.2 / 0.15	1180 12.8 / 0.36	1434 18.6 / 0.63	1646 24 / 0.95		
700	514		947 8.5 / 0.22	1241 14.0 / 0.47	1483 19.9 / 0.77	1691 25 / 1.11	1877 30 / 1.48	2047 33 / 1.89
1000	735	640 4.4 / 0.07	1076 10.7 / 0.33	1342 16.4 / 0.62	1562 22 / 0.96	1757 27 / 1.34	1934 31 / 1.75	2101 35 / 2.19
1300	955	832 7.2 / 0.16	1220 13.6 / 0.48	1471 19.6 / 0.83	1675 25 / 1.21	1854 29 / 1.63	2022 33 / 2.08	2174 37 / 2.56
1600	1176	1024 10.1 / 0.29	1366 17.0 / 0.68	1610 23 / 1.09	1804 28 / 1.53	1975 32 / 2.00	2130 36 / 2.49	
1900	1396	1215 13.8 / 0.49	1516 21 / 0.94	1754 27 / 1.42	1945 31 / 1.92	2106 35 / 2.43		
2200	1616	1406 18.0 / 0.76	1668 25 / 1.27	1901 30 / 1.83	2087 35 / 2.39			
2500	1837	1598 23 / 1.12	1827 28 / 1.69	2049 34 / 2.31				
2800	2057	1790 27 / 1.57	1993 32 / 2.20					
3100	2278	1982 32 / 2.14	2162 36 / 2.82					
3400	2498	2174 36 / 2.82						

Max Sizeable RPM = 2200 RPM. Table shown extended beyond this point for reference only.

Max discharge velocity for restaurant applications is 1800 fpm. This equates to 2450 cfm.

Motor 00158ET3H145T-W22 has an rpm range of 600 to 1750.

Motor 00158OT3H145T-S has an rpm range of 600 to 1750.

Motor 00218ET3H145T-W22 has an rpm range of 600 to 1750.

Motor 00218OT3E56Z-S48PP has an rpm range of 600 to 1700.

Motor 00218OT3H145T-S has an rpm range of 600 to 1750.

Motor 00318OT3E56Z-48PP has an rpm range of 600 to 1730.

Motor DTP0024 has an rpm range of 600 to 1740.

Motor DTP0024-50HZ has an rpm range of 600 to 1415.

Motor DTP1/54 has an rpm range of 600 to 1750.

Motor DTP1/54-50HZ has an rpm range of 600 to 1426.

Motor GP0024 has an rpm range of 600 to 1740.

Motor GP0024-50 has an rpm range of 600 to 1440.

Motor GP1/54 has an rpm range of 600 to 1800.

Motor GP1/54-50 has an rpm range of 600 to 1440.

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.

Catalog #112R

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