

RA-RE2400DD Performance Table

RA-RE2400DD

CFM	Discharge Velocity FPM	Static Pressure in Inches W.G.							
		0.000	0.500	1.000	1.500	2.000	2.500	3.000	3.500
		RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP
1000	340			729 13.3 / 0.56	887 18.2 / 0.95	1021 23 / 1.38	1139 27 / 1.86	1245 31 / 2.38	1342 36 / 2.92
2000	679			772 14.6 / 0.85	920 19.2 / 1.35	1049 24 / 1.90	1165 28 / 2.50	1270 32 / 3.13	
3000	1019		707 12.6 / 0.76	856 17.2 / 1.27	986 21 / 1.86	1103 26 / 2.52	1211 30 / 3.22	1310 34 / 3.97	
4000	1358	700 13.1 / 0.79	845 16.8 / 1.34	970 21 / 1.94	1083 25 / 2.61	1187 29 / 3.34	1284 33 / 4.13		
5000	1698	875 18.8 / 1.55	993 22 / 2.23	1101 26 / 2.93	1200 29 / 3.69	1293 34 / 4.50			
6000	2037	1050 25 / 2.67	1151 28 / 3.50	1244 31 / 4.32	1332 35 / 5.17				
7000	2377	1225 32 / 4.24	1312 35 / 5.21						

Max Sizeable RPM = 1350 RPM. Table shown extended beyond this point for reference only.

Max discharge velocity for restaurant applications is 1800 fpm. This equates to 5302 cfm.

- Motor 00312ET3H215T-W22 has an rpm range of 600 to 1150.
- Motor 00312OT3H213T-S has an rpm range of 600 to 1150.
- Motor 00318ET3H182T-W22 has an rpm range of 600 to 1350.
- Motor 00318OT3H182T-S has an rpm range of 600 to 1350.
- Motor 00512ET3H215T-W22 has an rpm range of 600 to 1150.
- Motor 00512OT3H215T-S has an rpm range of 600 to 1150.
- Motor 00518ET3H184T-W22 has an rpm range of 600 to 1350.
- Motor 00518OT3H184T-S has an rpm range of 600 to 1350.
- Motor 00718ET3H213T-W22 has an rpm range of 600 to 1350.
- Motor 00718OT3H213T-S has an rpm range of 600 to 1350.
- Motor DHP7/545 has an rpm range of 600 to 1350.
- Motor DTP0034 has an rpm range of 600 to 1350.
- Motor DTP0034-50HZ has an rpm range of 600 to 1350.
- Motor DTP0036 has an rpm range of 600 to 1150.
- Motor DTP0036-50 has an rpm range of 600 to 958.
- Motor DTP0054 has an rpm range of 600 to 1350.
- Motor DTP0054-50 has an rpm range of 600 to 1350.
- Motor DTP0056 has an rpm range of 600 to 1150.
- Motor DTP0056-50 has an rpm range of 600 to 958.
- Motor DTP7/54 has an rpm range of 600 to 1350.
- Motor DTP7/54-50 has an rpm range of 600 to 1350.

Performance shown is certified for Installation Type B: 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 hemispherical sones at 1.5m (5ft) in a hemispherical free field calculated per ANSI/AMCA Standard 301. Values shown are for installation type B: free inlet hemispherical sone levels.

RuppAir certifies that Model RA-RE2400DD shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and Publication 311, and comply with the requirements of the AMCA Certified Rating Program. Tested to AMCA Standards 210 and 300. Meets California Energy Commission (CEC) Title 20 Regulations.

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