

RAB15DD-RM Performance Table

RAB15DD-RM

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	4.000	4.500
		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
1000	695		835 5.5 / 0.15	1076 8.8 / 0.29	1279 12.2 / 0.48	1458 15.6 / 0.70	1618 18.9 / 0.93	1764 22 / 1.19	1901 25 / 1.47	2028 27 / 1.76	2151 30 / 2.06
1500	1043		1006 7.8 / 0.26	1208 11.0 / 0.44	1382 14.1 / 0.64	1540 17.3 / 0.87	1685 20 / 1.12	1823 23 / 1.40	1951 26 / 1.69	2069 28 / 2.00	2187 31 / 2.35
2000	1390	948 9.5 / 0.22	1202 11.0 / 0.45	1378 14.0 / 0.68	1531 17.1 / 0.91	1671 19.9 / 1.16	1802 23 / 1.43	1925 25 / 1.72	2041 28 / 2.02	2153 30 / 2.35	
2500	1738	1184 14.1 / 0.43	1409 15.7 / 0.72	1568 17.8 / 1.00	1706 21 / 1.29	1833 23 / 1.58	1950 26 / 1.88	2063 28 / 2.19	2168 30 / 2.52		
3000	2085	1421 19.7 / 0.75	1622 21 / 1.09	1770 23 / 1.43	1896 24 / 1.77	2012 27 / 2.11	2120 29 / 2.46				
3500	2433	1658 26 / 1.19	1840 26 / 1.58	1977 28 / 1.98	2096 29 / 2.38						
4000	2780	1895 32 / 1.77	2061 33 / 2.22	2191 34 / 2.68							
4500	3128	2131 38 / 2.52									

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 2590 cfm.

Motor 00112ET3H145T-W22 has an rpm range of 800 to 1150.

Motor 00112OT3H145T-S has an rpm range of 800 to 1150.

Motor 00118ET3H143T-W22 has an rpm range of 800 to 1750.

Motor 00118OT3H143T-S has an rpm range of 800 to 1750.

Motor 00158ET3H145T-W22 has an rpm range of 800 to 1750.

Motor 00158OT3H145T-S has an rpm range of 800 to 1750.

Motor 00218ET3H145T-W22 has an rpm range of 800 to 1750.

Motor 00218OT3H145T-S has an rpm range of 800 to 1750.

Motor BMN145-2.0I2-CS-UB1-50 (1200RPM) has an rpm range of 800 to 1200.

Motor BMN145-2.0I2-CS-UB1-60 (1200RPM) has an rpm range of 800 to 1200.

Motor BMN145-2.0I2-ES-UB1-50 (1800RPM) has an rpm range of 800 to 1800.

Motor BMN145-2.0I2-ES-UB1-60 (1800RPM) has an rpm range of 800 to 1800.

Motor DT0032 has an rpm range of 900 to 2200.

Motor DTP0014 has an rpm range of 800 to 1750.

Motor DTP0014-50HZ has an rpm range of 800 to 1429.

Motor DTP0016 has an rpm range of 800 to 1150.

Motor DTP0022 has an rpm range of 900 to 2200.

Motor DTP0024 has an rpm range of 800 to 1740.

Motor DTP0024-50HZ has an rpm range of 800 to 1415.

Motor DTP0032 has an rpm range of 900 to 2200.

Motor DTP1/54 has an rpm range of 800 to 1750.

Motor DTP1/54-50HZ has an rpm range of 800 to 1426.

Motor GP0014 has an rpm range of 800 to 1800.

Motor GP0014-50 has an rpm range of 800 to 1440.

Motor GP0024 has an rpm range of 800 to 1740.

Motor GP0024-50 has an rpm range of 800 to 1440.

Motor GP1/54 has an rpm range of 800 to 1800.

Motor GP1/54-50 has an rpm range of 800 to 1440.

Performance shown is certified for Installation Type B: Free inlet, Ducted 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 B: ducted outlet hemispherical sone levels. Ratings do not include the effect of duct end correction.

Catalog #110R

January 2024