

RABI30DD-RM-S Performance Table

RABI30DD-RM-S

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
3000	701			576 12.7 / 0.90	682 17.1 / 1.47	772 21 / 2.14					
6000	1403		614 14.5 / 1.28	713 18.3 / 1.98	803 22 / 2.71	884 26 / 3.50	959 30 / 4.34	1028 34 / 5.23	1092 38 / 6.18	1152 43 / 7.19	1209 47 / 8.26
9000	2104	728 22 / 2.03	826 25 / 3.04	903 27 / 4.06	972 31 / 5.09	1038 35 / 6.15	1101 39 / 7.22	1161 44 / 8.32	1218 48 / 9.45		
12000	2805	970 35 / 4.80	1051 40 / 6.16	1115 43 / 7.51	1173 45 / 8.87	1227 49 / 10.23					
15000	3506	1213 54 / 9.38									

Max Sizeable RPM = 1250 RPM. Table shown extended beyond this point for reference only.

Max discharge velocity for restaurant applications is 1800 fpm. This equates to 7700 cfm.

Motor 00509ET3E254T-W22 has an rpm range of 500 to 880.

Motor 00509ET3E254T-W22-50 has an rpm range of 500 to 730.

Motor 00512ET3E215T-W22 has an rpm range of 500 to 1150.

Motor 00512ET3H215T-W22 has an rpm range of 500 to 1150.

Motor 00709ET3E256T-W22 has an rpm range of 500 to 880.

Motor 00709ET3E256T-W22-50 has an rpm range of 500 to 730.

Motor 00712ET3H254T-W22 has an rpm range of 500 to 1150.

Motor 00712OT3E254T-W40 has an rpm range of 500 to 1180.

Motor 00712OT3H254T-S has an rpm range of 500 to 1150.

Motor 01012ET3H256T-W22 has an rpm range of 500 to 1150.

Motor 01012OT3H256T-S has an rpm range of 500 to 1150.

Motor 01518ET3H254T-W22 has an rpm range of 500 to 1250.

Motor 01518OT3H254T-S has an rpm range of 500 to 1250.

Motor 02018ET3H256T-W22 has an rpm range of 500 to 1250.

Motor 02018OT3H256T-S has an rpm range of 500 to 1250.

Motor DTP0106 has an rpm range of 500 to 1150.

Motor DTP0204 has an rpm range of 500 to 1250.

Motor DTP7/56 has an rpm range of 500 to 1150.

Motor GP0056 has an rpm range of 500 to 1150.

Motor NP0056 has an rpm range of 500 to 1150.

Motor NP0106 has an rpm range of 500 to 1150.

Motor NP0106-50 has an rpm range of 500 to 958.

Motor NP0204 has an rpm range of 500 to 1250.

Motor NP0204-50 has an rpm range of 500 to 1250.

Motor NP7/56 has an rpm range of 500 to 1150.

Motor NP7/56-50 has an rpm range of 500 to 958.

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 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. Ratings do not include the effect of duct end correction.

RuppAir certifies that Model RABI30DD-RM-S 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.

Catalog #110R
November 2024

