

RABI13DD-RM Performance Table

RABI13DD-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 |
| | | RPM Sone/BHP | RPM Sone/BHP | RPM Sone/BHP | RPM Sone/BHP | RPM Sone/BHP | RPM Sone/BHP | RPM Sone/BHP |
| 500 | 438 | | 874 4.6 / 0.10 | | | | | |
| 1000 | 875 | 816 5.2 / 0.08 | 1124 7.4 / 0.22 | 1362 10.5 / 0.39 | 1567 13.5 / 0.58 | 1748 16.5 / 0.79 | 1912 19.2 / 1.03 | 2066 22 / 1.28 |
| 1500 | 1313 | 1224 10.4 / 0.26 | 1453 12.8 / 0.46 | 1641 14.7 / 0.68 | 1814 17.6 / 0.92 | 1969 20 / 1.17 | 2116 23 / 1.44 | 2252 25 / 1.72 |
| 2000 | 1751 | 1631 17.4 / 0.61 | 1817 19.6 / 0.88 | 1970 21 / 1.16 | 2114 23 / 1.45 | 2247 25 / 1.75 | | |
| 2500 | 2188 | 2039 25 / 1.19 | 2195 27 / 1.53 | | | | | |

Max Sizeable RPM = 2300 RPM. Table shown extended beyond this point for reference only.

Max discharge velocity for restaurant applications is 1800 fpm. This equates to 2056 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 00236ET3H145T-W22 has an rpm range of 900 to 2300.

Motor 00236OT3H145T-S has an rpm range of 900 to 2300.

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 BMN48-750I1-E-60-115 has an rpm range of 800 to 1800.

Motor BMN48-750I2-E-60-230/277 has an rpm range of 800 to 1800.

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 2300.

Motor DTP0032 has an rpm range of 900 to 2300.

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

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

Motor M48AB14C59 has an rpm range of 800 to 2300.

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