

RA-RE1300DD Performance Table

RA-RE1300DD

| 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 |
| 150 | 157 | | 926 8.5 / 0.06 | | | | | |
| 450 | 470 | 419 1.0 / 0.01 | 998 9.5 / 0.11 | 1364 15.5 / 0.24 | 1642 22 / 0.40 | 1883 30 / 0.59 | 2093 35 / 0.78 | 2284 41 / 1.00 |
| 750 | 783 | 696 4.6 / 0.05 | 1098 11.0 / 0.17 | 1442 17.0 / 0.34 | 1720 25 / 0.54 | 1958 32 / 0.76 | 2168 37 / 1.00 | |
| 1050 | 1096 | 974 9.7 / 0.13 | 1271 13.9 / 0.28 | 1546 19.4 / 0.47 | 1804 28 / 0.69 | 2035 34 / 0.95 | 2244 39 / 1.22 | |
| 1350 | 1409 | 1252 14.5 / 0.28 | 1490 18.3 / 0.46 | 1709 25 / 0.67 | 1926 31 / 0.91 | 2133 37 / 1.19 | | |
| 1650 | 1722 | 1531 20 / 0.51 | 1730 26 / 0.73 | 1912 31 / 0.96 | 2091 35 / 1.22 | 2270 40 / 1.51 | | |
| 1950 | 2035 | 1807 30 / 0.84 | 1982 34 / 1.10 | 2138 37 / 1.36 | 2291 41 / 1.64 | | | |
| 2250 | 2348 | 2085 37 / 1.29 | 2239 41 / 1.59 | | | | | |

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 1725 cfm.

- Motor 00118ET3H143T-W22 has an rpm range of 438 to 1750.
- Motor 00118OT3H143T-S has an rpm range of 440 to 1750.
- Motor 00158ET3H145T-W22 has an rpm range of 438 to 1750.
- Motor 00158OT3H145T-S has an rpm range of 440 to 1750.
- Motor 00218ET3H145T-W22 has an rpm range of 438 to 1750.
- Motor 00218OT3E56Z-S48PP has an rpm range of 425 to 1700.
- Motor 00218OT3H145T-S has an rpm range of 440 to 1750.
- Motor BMN48-750I1-E-50-115 has an rpm range of 400 to 1800.
- Motor BMN48-750I1-E-60-115 has an rpm range of 400 to 1800.
- Motor BMN48-750I2-E-50-230/277 has an rpm range of 400 to 1800.
- Motor BMN48-750I2-E-60-230/277 has an rpm range of 400 to 1800.
- Motor DTP0014 has an rpm range of 437 to 1750.
- Motor DTP0014-50HZ has an rpm range of 400 to 1429.
- Motor DTP0016 has an rpm range of 400 to 1150.
- Motor DTP0016-50 has an rpm range of 400 to 958.
- Motor DTP0024 has an rpm range of 435 to 1740.
- Motor DTP0024-50HZ has an rpm range of 400 to 1415.
- Motor DTP0032 has an rpm range of 900 to 2300.
- Motor DTP1/54 has an rpm range of 437 to 1750.
- Motor DTP1/54-50HZ has an rpm range of 400 to 1426.
- Motor GP0014 has an rpm range of 450 to 1800.
- Motor GP0014-50 has an rpm range of 400 to 1440.
- Motor GP0016 has an rpm range of 400 to 1150.
- Motor GP0016-50 has an rpm range of 400 to 958.
- Motor GP0024 has an rpm range of 450 to 1740.
- Motor GP0024-50 has an rpm range of 400 to 1440.
- Motor GP1/54 has an rpm range of 450 to 1800.
- Motor GP1/54-50 has an rpm range of 400 to 1440.
- Motor M055PWCUK0315-ECM-60-115 has an rpm range of 400 to 1800.
- Motor M055PWCUK0315-ECM-60-230 has an rpm range of 400 to 1800.

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.