

FHV-RE-1800DD

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
		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
500	290		618 5.0 / 0.12	858 8.7 / 0.30	1046 12.3 / 0.51	1205 16.0 / 0.75	1344 19.5 / 1.02	1471 23 / 1.31	1587 26 / 1.63	1701 28 / 1.98
1000	580		712 6.5 / 0.21	916 9.8 / 0.44	1086 13.1 / 0.70	1236 16.7 / 0.99	1370 20 / 1.30	1495 24 / 1.65	1608 26 / 2.00	1715 29 / 2.39
1500	870	631 5.2 / 0.16	858 8.7 / 0.39	1030 12.0 / 0.65	1177 15.3 / 0.95	1311 18.6 / 1.29	1434 22 / 1.66	1548 25 / 2.04	1656 27 / 2.46	1756 30 / 2.88
2000	1160	841 8.5 / 0.37	1026 11.9 / 0.67	1175 15.3 / 0.99	1305 18.5 / 1.34	1425 22 / 1.72	1535 25 / 2.12	1638 27 / 2.55		
2500	1450	1051 12.4 / 0.72	1207 16.0 / 1.10	1338 19.4 / 1.48	1455 23 / 1.88	1562 25 / 2.30	1663 27 / 2.76			
3000	1740	1261 17.4 / 1.25	1395 21 / 1.70	1512 24 / 2.15	1618 26 / 2.61					
3500	2030	1471 23 / 1.98	1587 26 / 2.51							
4000	2320	1681 28 / 2.95								

Max Sizeable RPM = 1900 RPM. Table shown extended beyond this point for reference only.

Max discharge velocity for restaurant applications is 1800 fpm. This equates to 3104 cfm.

Motor 00112ET3H145T-W22 has an rpm range of 500 to 1150.

Motor 00112OT3H145T-S has an rpm range of 500 to 1150.

Motor 00218ET3H145T-W22 has an rpm range of 500 to 1750.

Motor 00218OT3E56Z-S48PP has an rpm range of 500 to 1700.

Motor 00218OT3H145T-S has an rpm range of 500 to 1750.

Motor 00318OT3E56Z-48PP has an rpm range of 500 to 1730.

Motor BMN145-2.0I2-CS-UB1-50 (1200RPM) has an rpm range of 500 to 1200.

Motor BMN145-2.0I2-CS-UB1-60 (1200RPM) has an rpm range of 500 to 1200.

Motor BMN145-2.0I2-ES-UB1-50 (1800RPM) has an rpm range of 500 to 1800.

Motor BMN145-2.0I2-ES-UB1-60 (1800RPM) has an rpm range of 500 to 1800.

Motor DTP0016 has an rpm range of 500 to 1150.

Motor DTP0016-50 has an rpm range of 500 to 958.

Motor DTP0024 has an rpm range of 500 to 1740.

Motor DTP0024-50HZ has an rpm range of 500 to 1415.

Motor DTP1/54 has an rpm range of 500 to 1750.

Motor GP0016 has an rpm range of 500 to 1150.

Motor GP0016-50 has an rpm range of 500 to 958.

Motor GP0024 has an rpm range of 500 to 1740.

Motor GP0024-50 has an rpm range of 500 to 1440.

Motor NP0024 has an rpm range of 500 to 1740.

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.

FloAire certifies that the FHV-RE-1800DD shown herein is licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and 311 and complies with the requirements of the AMCA Certified Ratings Program. Tested to AMCA Standards 210 and 300. Meets California Energy Commission (CEC) Title 20 Regulations

Catalog #110F

May 2024

