

RA-RE1800BDHP Performance Table

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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		691 4.8 / 0.12	936 8.5 / 0.28	1131 12.1 / 0.47	1299 16.3 / 0.69	1449 21 / 0.93	1582 24 / 1.18	1706 27 / 1.46	1825 30 / 1.76
1000	580		852 7.6 / 0.25	1059 10.6 / 0.47	1232 14.5 / 0.72	1381 18.8 / 0.99	1520 23 / 1.28	1645 26 / 1.59	1764 28 / 1.92	1873 31 / 2.26
1500	869	854 8.7 / 0.26	1062 11.8 / 0.51	1239 15.4 / 0.79	1390 19.3 / 1.09	1526 23 / 1.42	1650 26 / 1.77	1758 28 / 2.12	1873 31 / 2.52	
2000	1159	1138 14.4 / 0.61	1298 18.3 / 0.93	1447 23 / 1.28	1581 26 / 1.64	1704 28 / 2.03	1818 30 / 2.45			
2500	1449	1423 23 / 1.20	1551 27 / 1.59	1677 29 / 2.01	1795 32 / 2.44					
3000	1739	1706 32 / 2.07	1814 34 / 2.54							

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 3106 cfm.

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.

Catalog #112R

August 2020