

DR12HRA Performance Table

DR12HRA

CFM	Static Pressure in Inches W.G.									
	0.000	0.125	0.250	0.375	0.500	0.625	0.750	0.875	1.000	1.125
	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
100		581 0.8 / 0.01	813 2.5 / 0.02	1000 4.1 / 0.04						
200		633 1.1 / 0.01	844 2.8 / 0.03	1015 4.2 / 0.05	1163 5.8 / 0.07	1299 7.2 / 0.10	1418 8.7 / 0.13	1527 10.1 / 0.16	1626 11.1 / 0.19	1724 12.1 / 0.23
300		725 1.9 / 0.02	909 3.3 / 0.03	1064 4.7 / 0.05	1205 6.2 / 0.08	1327 7.6 / 0.10	1442 9.1 / 0.13	1546 10.3 / 0.16	1648 11.4 / 0.20	1744 12.4 / 0.24
400	639 1.7 / 0.01	839 2.9 / 0.03	1000 4.1 / 0.04	1143 5.5 / 0.07	1266 6.9 / 0.09	1384 8.3 / 0.12	1493 9.7 / 0.15	1594 10.8 / 0.18	1688 11.8 / 0.21	1778 12.8 / 0.25
500	797 3.1 / 0.02	965 4.2 / 0.04	1109 5.2 / 0.06	1238 6.6 / 0.08	1351 7.9 / 0.11	1458 9.3 / 0.14	1562 10.4 / 0.17	1656 11.4 / 0.20	1748 12.4 / 0.24	
600	957 4.5 / 0.04	1101 5.6 / 0.06	1230 6.8 / 0.08	1345 7.9 / 0.11	1449 9.2 / 0.14	1550 10.3 / 0.17	1644 11.3 / 0.20	1734 12.2 / 0.23		
700	1115 6.3 / 0.06	1241 7.4 / 0.09	1357 8.6 / 0.11	1461 9.7 / 0.14	1559 10.5 / 0.17	1655 11.4 / 0.20	1741 12.3 / 0.23			
800	1274 8.2 / 0.09	1384 9.4 / 0.12	1490 10.7 / 0.15	1587 11.5 / 0.18	1677 12.2 / 0.21	1766 12.8 / 0.25				
900	1433 10.5 / 0.13	1533 11.6 / 0.16	1627 12.4 / 0.19	1718 13.1 / 0.23						
1000	1592 12.6 / 0.18	1684 13.4 / 0.21	1770 14.2 / 0.25							
1100	1752 14.6 / 0.24									

Max Sizeable RPM = 1800 RPM. Table shown extended beyond this point for reference only.

Motor BMN42-18011-50-115 has an rpm range of 350 to 1800.

Motor BMN42-18011-60-115 has an rpm range of 350 to 1800.

Motor BMN42-18012-50-230/277 has an rpm range of 350 to 1800.

Motor BMN42-18012-60-230/277 has an rpm range of 350 to 1800.

Motor CK42BS04M01-50-115 has an rpm range of 1100 to 1400.

Motor CK42BS04M01-50-230 has an rpm range of 1100 to 1400.

Motor CK42BS04M01-60-115 has an rpm range of 1125 to 1620.

Motor CK42BS04M01-60-230 has an rpm range of 1125 to 1620.

Motor CK42BS04M02-50-115 has an rpm range of 1240 to 1400.

Motor CK42BS04M02-50-230 has an rpm range of 1100 to 1400.

Motor CK42BS04M02-60-115 has an rpm range of 1250 to 1625.

Motor CK42BS04M02-60-230 has an rpm range of 1130 to 1625.

Motor M47PWAAD-ECM-50-115 has an rpm range of 350 to 1800.

Motor M47PWAAD-ECM-60-115 has an rpm range of 350 to 1800.

Performance shown is certified for Installation Type A: Free inlet, Free outlet. Speed shown is nominal. Performance is based on actual speed of test. Performance ratings do not include the effects of appurtenances (accessories). 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 #113R

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