

# DR10HRA Performance Table

## DR10HRA

CFM	Static Pressure in Inches W.G.						
	0.000	0.125	0.250	0.375	0.500	0.625	0.750
	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP
50		694 0.3 / 0.01	980 1.7 / 0.02				
100		735 0.6 / 0.01	1000 1.8 / 0.02	1205 3.3 / 0.03	1389 5.1 / 0.05	1538 6.5 / 0.07	1695 7.5 / 0.10
150		802 1.0 / 0.01	1049 2.2 / 0.02	1250 3.9 / 0.04	1429 5.6 / 0.06	1579 6.8 / 0.08	1724 7.8 / 0.10
200		893 1.5 / 0.01	1111 2.8 / 0.03	1307 4.5 / 0.04	1471 6.1 / 0.06	1626 7.2 / 0.09	1754 8.1 / 0.11
250	786 1.5 / 0.01	1008 2.4 / 0.02	1196 3.7 / 0.03	1374 5.3 / 0.05	1534 6.8 / 0.07	1678 7.7 / 0.09	
300	943 2.6 / 0.02	1132 3.5 / 0.03	1299 4.8 / 0.04	1456 6.3 / 0.06	1604 7.4 / 0.08	1734 8.2 / 0.10	
350	1097 3.8 / 0.03	1268 4.9 / 0.04	1417 6.2 / 0.06	1556 7.3 / 0.07	1683 8.1 / 0.09		
400	1254 5.4 / 0.04	1408 6.5 / 0.06	1538 7.5 / 0.07	1667 8.3 / 0.09	1786 9.0 / 0.11		
450	1411 7.1 / 0.06	1546 8.0 / 0.07	1673 8.6 / 0.09	1786 9.3 / 0.11			
500	1567 8.7 / 0.08	1695 9.3 / 0.10					
550	1724 10.1 / 0.10						

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

Motor BMN42-12011-50-115 has an rpm range of 350 to 1800.

Motor BMN42-12011-60-115 has an rpm range of 350 to 1800.

Motor BMN42-12012-50-230/277 has an rpm range of 350 to 1800.

Motor BMN42-12012-60-230/277 has an rpm range of 350 to 1800.

Motor M47PWAAE-ECM-50-115 has an rpm range of 350 to 1800.

Motor M47PWAAE-ECM-60-115 has an rpm range of 350 to 1800.

Motor S33C452VC-01-50-115 has an rpm range of 800 to 1400.

Motor S33C452VC-01-50-230 has an rpm range of 800 to 1400.

Motor S33C452VC-01-60-115 has an rpm range of 800 to 1650.

Motor S33C452VC-01-60-230 has an rpm range of 800 to 1650.

Motor S33C452VC-02-50-115 has an rpm range of 800 to 1300.

Motor S33C452VC-02-50-230 has an rpm range of 800 to 1300.

Motor S33C452VC-02-60-115 has an rpm range of 800 to 1550.

Motor S33C452VC-02-60-230 has an rpm range of 800 to 1550.

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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