

**DR50HRA Performance Table**

**DR50HRA**

CFM	Static Pressure in Inches W.G.													1	
	0.000	0.125	0.250	0.375	0.500	0.625	0.750	0.875	1.000	1.125	1.250	1.375	1.500		F
	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	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP		RPM Sone/BHP
600	401 0.8 / 0.01	580 2.5 / 0.02	709 3.9 / 0.04	820 5.2 / 0.06	917 6.4 / 0.09	1005 7.4 / 0.12	1087 8.5 / 0.15	1163 9.6 / 0.18	1235 10.8 / 0.22	1302 11.9 / 0.26	1364 13.0 / 0.30	1422 14.1 / 0.33	1478 15.1 / 0.38	1	
800	533 2.0 / 0.02	683 3.6 / 0.04	798 5.0 / 0.06	896 6.1 / 0.08	984 7.2 / 0.11	1067 8.2 / 0.14	1143 9.3 / 0.17	1214 10.4 / 0.21	1284 11.6 / 0.25	1349 12.7 / 0.29	1411 13.8 / 0.33	1471 15.0 / 0.37	1527 16.1 / 0.41	1	
1000	666 3.4 / 0.03	792 4.9 / 0.06	896 6.1 / 0.08	986 7.2 / 0.11	1067 8.2 / 0.14	1142 9.3 / 0.17	1214 10.4 / 0.21	1280 11.6 / 0.24	1344 12.6 / 0.28	1406 13.7 / 0.32	1464 14.9 / 0.37	1522 16.0 / 0.41	1577 17.0 / 0.46	1	
1200	798 5.0 / 0.06	907 6.3 / 0.09	1002 7.4 / 0.12	1085 8.5 / 0.15	1161 9.6 / 0.18	1231 10.7 / 0.22	1296 11.8 / 0.25	1359 12.9 / 0.29	1418 13.9 / 0.33	1476 15.1 / 0.37	1533 16.2 / 0.42	1585 17.2 / 0.46			
1400	931 6.5 / 0.09	1026 7.6 / 0.13	1112 8.9 / 0.16	1189 10.1 / 0.20	1260 11.2 / 0.23	1326 12.3 / 0.27	1388 13.4 / 0.31	1446 14.5 / 0.35	1504 15.6 / 0.40	1557 16.6 / 0.44	1609 17.6 / 0.49				
1600	1065 8.2 / 0.14	1148 9.4 / 0.18	1226 10.6 / 0.21	1299 11.9 / 0.26	1365 13.0 / 0.30	1427 14.1 / 0.34	1486 15.3 / 0.38	1541 16.3 / 0.43	1595 17.4 / 0.47						
1800	1197 10.2 / 0.20	1271 11.4 / 0.24	1343 12.6 / 0.28	1411 13.8 / 0.33	1473 15.0 / 0.37	1531 16.1 / 0.42	1587 17.2 / 0.47								
2000	1330 12.4 / 0.27	1397 13.6 / 0.32	1463 14.8 / 0.36	1526 16.0 / 0.41	1584 17.2 / 0.46										
2200	1463 14.8 / 0.36	1524 16.0 / 0.41	1584 17.2 / 0.46												
2400	1596 17.4 / 0.47														

Max Sizeable RPM = 2000 RPM. Table shown extended beyond this point for reference only.

- Motor BMN48-37511-50-115 has an rpm range of 300 to 1800.
- Motor BMN48-37511-60-115 has an rpm range of 300 to 1800.
- Motor BMN48-37512-50-230/277 has an rpm range of 300 to 1800.
- Motor BMN48-37512-60-230/277 has an rpm range of 300 to 1800.
- Motor CK48BS20HF01-50 has an rpm range of 431 to 1425.
- Motor CK48BS20HF01-60 has an rpm range of 431 to 1725.
- Motor CK48BS21HF01-60 has an rpm range of 431 to 1400.
- Motor CK48HF21HF01-50-115 has an rpm range of 1100 to 1425.
- Motor CK48HF21HF01-50-230 has an rpm range of 1100 to 1425.
- Motor CK48HF21HF01-60-115 has an rpm range of 1100 to 1670.
- Motor CK48HF21HF01-60-230 has an rpm range of 1100 to 1670.

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. 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 level.