

DR85HRA Performance Table

DR85HRA

CFM	Static Pressure in Inches W.G.									
	0.000	0.250	0.500	0.750	1.000	1.250	1.500	1.750	2.000	2.250
	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
900	424 1.8 / 0.01	681 5.0 / 0.06	856 7.5 / 0.11	1000 9.5 / 0.18	1125 11.6 / 0.26	1236 13.7 / 0.35	1339 15.9 / 0.44	1431 17.9 / 0.54	1518 19.8 / 0.64	1599 22 / 0.75
1100	517 2.8 / 0.03	747 6.0 / 0.08	911 8.3 / 0.14	1047 10.2 / 0.21	1168 12.4 / 0.29	1278 14.6 / 0.38	1378 16.7 / 0.48	1471 18.7 / 0.58	1558 21 / 0.69	1639 22 / 0.81
1300	611 4.0 / 0.04	819 7.0 / 0.10	972 9.1 / 0.17	1101 11.2 / 0.24	1216 13.4 / 0.33	1322 15.5 / 0.42	1419 17.6 / 0.52	1512 19.6 / 0.63	1597 22 / 0.74	1677 23 / 0.86
1500	705 5.3 / 0.06	893 8.0 / 0.13	1038 10.0 / 0.20	1161 12.2 / 0.29	1271 14.4 / 0.38	1372 16.6 / 0.47	1466 18.6 / 0.58	1556 21 / 0.69	1639 22 / 0.81	1718 24 / 0.93
1700	798 6.7 / 0.09	970 9.1 / 0.17	1107 11.3 / 0.25	1226 13.5 / 0.34	1330 15.7 / 0.43	1427 17.8 / 0.53	1519 19.8 / 0.64	1604 22 / 0.75	1687 23 / 0.88	1763 25 / 1.00
1900	892 8.0 / 0.13	1049 10.2 / 0.21	1180 12.6 / 0.30	1293 14.9 / 0.39	1394 17.1 / 0.50	1488 19.1 / 0.60	1575 21 / 0.71	1658 23 / 0.83	1737 24 / 0.96	
2100	986 9.3 / 0.18	1130 11.7 / 0.26	1254 14.1 / 0.36	1363 16.4 / 0.46	1460 18.5 / 0.57	1551 21 / 0.68	1636 22 / 0.80	1716 24 / 0.92		
2300	1080 10.8 / 0.23	1212 13.3 / 0.33	1331 15.7 / 0.43	1436 18.0 / 0.54	1529 20 / 0.65	1617 22 / 0.77	1699 24 / 0.90			
2500	1174 12.5 / 0.30	1297 14.9 / 0.40	1409 17.4 / 0.51	1510 19.6 / 0.63	1601 22 / 0.75	1686 23 / 0.88	1764 25 / 1.00			
2700	1268 14.4 / 0.37	1382 16.8 / 0.48	1488 19.1 / 0.60	1585 21 / 0.73	1674 23 / 0.86	1756 25 / 0.99				
2900	1362 16.4 / 0.46	1468 18.6 / 0.58	1569 21 / 0.71	1663 23 / 0.84	1748 25 / 0.98					
3100	1455 18.4 / 0.56	1555 21 / 0.69	1652 23 / 0.82	1741 24 / 0.96						
3300	1549 21 / 0.68	1643 23 / 0.81	1735 24 / 0.95							

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

- Motor BMN48-56011-50-115 has an rpm range of 300 to 1800.
- Motor BMN48-56011-60-115 has an rpm range of 300 to 1800.
- Motor BMN48-56012-50-230/277 has an rpm range of 300 to 1800.
- Motor BMN48-56012-60-230/277 has an rpm range of 300 to 1800.
- Motor BMN48-75011-E-50-115 has an rpm range of 300 to 1800.
- Motor BMN48-75011-E-60-115 has an rpm range of 300 to 1800.
- Motor BMN48-75012-E-50-230/277 has an rpm range of 300 to 1800.
- Motor BMN48-75012-E-60-230/277 has an rpm range of 300 to 1800.
- Motor CK48BS15FF01-60 has an rpm range of 431 to 1725.
- Motor CK48BS21FF01-60 has an rpm range of 431 to 1400.
- Motor CK48HF15FF01-50-115 has an rpm range of 1075 to 1360.
- Motor CK48HF15FF01-50-230 has an rpm range of 1075 to 1400.
- Motor CK48HF15FF01-60-115 has an rpm range of 1075 to 1625.
- Motor CK48HF15FF01-60-230 has an rpm range of 1075 to 1625.

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.