

BDCR18 Performance Table

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
	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
1600	408 2.5 / 0.05	543 3.7 / 0.13	670 5.9 / 0.23						
2000	510 4.1 / 0.09	622 5.6 / 0.19	722 7.4 / 0.29	825 9.3 / 0.42	930 11.1 / 0.58				
2400	612 6.2 / 0.15	709 8.1 / 0.27	793 9.3 / 0.39	877 10.4 / 0.52	962 11.7 / 0.68	1049 12.0 / 0.85	1137 13.8 / 1.06		
2800	714 9.3 / 0.24	800 10.6 / 0.37	874 11.2 / 0.51	945 12.0 / 0.66	1017 12.0 / 0.82	1089 12.8 / 0.99	1163 14.3 / 1.18	1238 15.6 / 1.40	1315 17.0 / 1.64
3200	816 11.9 / 0.36	893 12.7 / 0.51	960 13.4 / 0.67	1023 13.1 / 0.83	1085 12.7 / 1.00	1147 14.0 / 1.18	1211 15.8 / 1.37	1275 16.5 / 1.58	1340 17.5 / 1.80
3600	918 14.1 / 0.52	988 14.7 / 0.68	1049 14.6 / 0.86	1106 14.8 / 1.04	1162 16.2 / 1.22	1217 17.4 / 1.41	1273 17.8 / 1.61	1329 18.3 / 1.82	
4000	1020 15.1 / 0.71	1084 16.5 / 0.89	1140 17.1 / 1.08	1193 18.6 / 1.28	1244 19.2 / 1.48	1294 19.6 / 1.69	1344 20 / 1.90		
4400	1122 17.6 / 0.94	1181 19.5 / 1.14	1233 21 / 1.35	1282 21 / 1.57	1330 22 / 1.79				
4800	1224 21 / 1.22	1278 22 / 1.43	1328 23 / 1.66	1374 24 / 1.90					
5200	1326 24 / 1.55	1376 25 / 1.78							
5600	1428 26 / 1.94								

Performance shown is for installation type A: Free inlet, Free outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) does not include drive 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 fan sone levels.