

BDCR24RA

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	2.500	2.750	3.000	3.250
	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	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP	RPM Sone/BHP
2000			518 7.2 / 0.30											
3000		434 5.8 / 0.22	542 7.8 / 0.41	641 10.8 / 0.64	734 14.1 / 0.89	819 16.1 / 1.16								
4000	422 6.5 / 0.17	511 8.3 / 0.36	598 9.4 / 0.58	679 12.1 / 0.83	756 14.9 / 1.10	831 16.3 / 1.40	903 17.6 / 1.73	972 19.7 / 2.08	1037 22 / 2.43	1098 25 / 2.80				
5000	527 9.5 / 0.34	597 11.1 / 0.56	670 13.2 / 0.82	739 15.4 / 1.10	805 15.9 / 1.40	868 16.9 / 1.72	930 18.2 / 2.06	990 20 / 2.43	1049 23 / 2.81	1107 25 / 3.22	1163 27 / 3.64	1218 28 / 4.08	1270 30 / 4.53	1321 32 / 4.99
6000	633 13.3 / 0.59	690 14.7 / 0.85	751 17.1 / 1.14	811 17.6 / 1.46	869 18.0 / 1.79	924 18.0 / 2.14	978 19.9 / 2.51	1031 22 / 2.89	1083 24 / 3.29	1134 26 / 3.71	1184 27 / 4.16	1234 29 / 4.61		
7000	738 17.4 / 0.93	786 18.8 / 1.23	838 18.8 / 1.56	891 18.9 / 1.92	942 20 / 2.29	992 21 / 2.67	1040 23 / 3.07	1088 26 / 3.48	1134 27 / 3.91	1179 28 / 4.35	1224 29 / 4.81			
8000	844 19.6 / 1.39	885 20 / 1.72	930 21 / 2.09	976 23 / 2.48	1022 24 / 2.90	1067 26 / 3.32	1111 28 / 3.76	1154 29 / 4.20	1196 30 / 4.66					
9000	949 22 / 1.98	986 24 / 2.35	1025 25 / 2.75	1065 28 / 3.18	1106 30 / 3.63	1147 31 / 4.09	1187 32 / 4.57							
10000	1055 27 / 2.71	1087 30 / 3.12	1122 30 / 3.56	1158 31 / 4.02	1194 33 / 4.51									
11000	1160 33 / 3.61	1189 33 / 4.05	1220 34 / 4.53											
12000	1265 37 / 4.69													

Max Sizeable RPM = 1350 RPM. Table shown extended beyond this point for reference only.

Performance shown is certified 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 transmission 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 hemispherical sone levels.

Catalog #109C

August 2021