

BDCR30 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
4000	244 2.3 / 0.10	329 3.6 / 0.29	407 5.3 / 0.52						
5000	305 4.0 / 0.20	372 5.1 / 0.42	441 6.6 / 0.69	502 8.2 / 0.98	554 9.6 / 1.27				
6000	366 5.9 / 0.34	422 7.0 / 0.61	478 8.2 / 0.90	536 9.2 / 1.23	587 10.5 / 1.58	632 11.8 / 1.93	675 13.1 / 2.29		
7000	426 8.1 / 0.54	476 9.3 / 0.86	522 10.4 / 1.17	572 10.0 / 1.53	621 11.5 / 1.93	666 12.8 / 2.33	707 14.0 / 2.74	745 15.0 / 3.14	781 16.0 / 3.56
8000	487 10.7 / 0.81	532 11.8 / 1.18	572 11.7 / 1.52	613 11.7 / 1.90	657 12.5 / 2.33	700 13.8 / 2.77	741 14.9 / 3.23	778 15.9 / 3.70	813 16.8 / 4.16
9000	548 12.3 / 1.15	589 13.7 / 1.57	624 13.4 / 1.96	660 14.5 / 2.36	698 14.9 / 2.80	737 14.8 / 3.28	775 15.8 / 3.78	812 16.8 / 4.30	847 18.4 / 4.81
10000	609 14.4 / 1.58	647 15.7 / 2.06	679 16.1 / 2.49	711 16.1 / 2.92	743 17.0 / 3.38	777 17.7 / 3.88	812 16.8 / 4.41	848 19.5 / 4.96	
11000	670 16.5 / 2.11	705 17.7 / 2.64	735 18.3 / 3.11	764 17.6 / 3.58	793 18.4 / 4.07	823 20 / 4.59			
12000	731 18.6 / 2.74	764 19.8 / 3.32	792 21 / 3.85	818 22 / 4.36	844 22 / 4.88				
13000	792 21 / 3.48	823 24 / 4.12	849 24 / 4.70						
14000	853 26 / 4.34								

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.