

BDU20HPRA Performance Table

BDU20HPRA

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
	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
1500					870 8.2 / 0.47	955 9.9 / 0.61	1034 11.4 / 0.76	1107 13.1 / 0.91	1176 14.2 / 1.08	1241 14.9 / 1.25	1302 15.8 / 1.42	1361 16.9 / 1.61	1418 17.9 / 1.80
2000				850 8.9 / 0.46	932 10.2 / 0.60	1010 11.4 / 0.76	1083 12.7 / 0.92	1153 14.0 / 1.10	1219 14.6 / 1.28	1281 15.4 / 1.47	1340 16.4 / 1.66	1398 17.6 / 1.86	1452 18.5 / 2.07
2500			869 10.4 / 0.46	943 11.5 / 0.62	1015 12.8 / 0.78	1083 14.2 / 0.95	1147 13.9 / 1.13	1213 14.5 / 1.32	1274 15.3 / 1.52	1333 16.4 / 1.73	1390 17.7 / 1.94	1444 18.5 / 2.16	1497 19.4 / 2.38
3000	834 11.4 / 0.32	915 12.9 / 0.48	985 14.0 / 0.65	1050 14.9 / 0.82	1112 16.0 / 1.00	1173 16.0 / 1.19	1232 16.4 / 1.39	1289 17.2 / 1.60	1345 16.6 / 1.82	1399 18.6 / 2.04	1451 19.3 / 2.27	1503 20 / 2.51	1553 21 / 2.75
3500	973 15.3 / 0.51	1045 16.9 / 0.70	1107 18.3 / 0.89	1165 17.3 / 1.08	1220 17.7 / 1.29	1274 17.8 / 1.50	1327 17.8 / 1.71	1378 19.6 / 1.94	1429 20 / 2.17	1478 21 / 2.41	1526 21 / 2.66	1574 22 / 2.91	
4000	1112 19.8 / 0.76	1176 19.8 / 0.98	1233 20 / 1.19	1285 19.8 / 1.41	1336 19.5 / 1.64	1384 22 / 1.87	1432 22 / 2.11	1478 22 / 2.35	1524 23 / 2.60	1569 23 / 2.86			
4500	1250 20 / 1.09	1309 21 / 1.33	1361 22 / 1.57	1409 24 / 1.81	1455 24 / 2.06	1500 25 / 2.31	1543 25 / 2.57	1586 25 / 2.84					
5000	1389 24 / 1.49	1443 25 / 1.76	1491 26 / 2.03	1535 27 / 2.29	1578 27 / 2.56	1619 28 / 2.84							
5500	1528 28 / 1.98	1577 28 / 2.28	1622 29 / 2.57	1664 29 / 2.87									

Max Sizeable RPM = 1800 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.

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