

## DU50H Performance Table

RPM	Tip Speed	Motor HP	Static Pressure in Inches W.G.									
			0.000	0.125	0.250	0.375	0.500	0.625	0.750	0.875	1.000	1.250
			CFM Sone/BHP	CFM Sone/BHP	CFM Sone/BHP	CFM Sone/BHP	CFM Sone/BHP	CFM Sone/BHP	CFM Sone/BHP	CFM Sone/BHP	CFM Sone/BHP	CFM Sone/BHP
1070	3852	0.50	1397 8.2 / 0.13	1296 8.2 / 0.13	1193 8.2 / 0.13	1074 8.2 / 0.13	926 8.2 / 0.13	736 8.2 / 0.13				
1170	4212	0.50	1528 9.7 / 0.17	1436 9.7 / 0.17	1343 9.7 / 0.17	1246 9.7 / 0.17	1122 9.7 / 0.17	979 9.7 / 0.17	801 9.7 / 0.17			
1270	4572	0.50	1658 11.4 / 0.22	1573 11.4 / 0.22	1489 11.4 / 0.22	1400 11.4 / 0.22	1301 11.4 / 0.22	1185 11.4 / 0.22	1047 11.4 / 0.22	882 11.4 / 0.22		
1370	4932	0.50	1789 13.2 / 0.28	1710 13.2 / 0.28	1632 13.2 / 0.28	1551 13.2 / 0.28	1469 13.2 / 0.28	1366 13.2 / 0.28	1259 13.2 / 0.28	1128 13.2 / 0.28	975 13.2 / 0.28	
1470	5292	0.50	1919 15.1 / 0.34	1846 15.1 / 0.34	1773 15.1 / 0.34	1699 15.1 / 0.34	1622 15.1 / 0.34	1542 15.1 / 0.34	1442 15.1 / 0.34	1340 15.1 / 0.34	1217 15.1 / 0.34	910 15.1 / 0.34
1570	5652	0.50	2050 16.6 / 0.42	1981 16.6 / 0.42	1913 16.6 / 0.42	1844 16.6 / 0.42	1773 16.6 / 0.42	1701 16.6 / 0.42	1619 16.6 / 0.42	1525 16.6 / 0.42	1430 16.6 / 0.42	1191 16.6 / 0.42
1670	6012	0.50	2181 18.0 / 0.50	2116 18.0 / 0.50	2052 18.0 / 0.50	1987 18.0 / 0.50	1922 18.0 / 0.50	1854 18.0 / 0.50	1786 18.0 / 0.50	1704 18.0 / 0.50	1615 18.0 / 0.50	1418 18.0 / 0.50

Performance shown is for installation type A: Free inlet, Free outlet. Performance ratings do not include the effects of appurtenances in the airstream. 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.