

DU85H 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
1025	4226	0.75	2135 10.0 / 0.17	2008 10.0 / 0.17	1871 10.0 / 0.17	1722 10.0 / 0.17	1546 10.0 / 0.17	1339 10.0 / 0.17	1047 10.0 / 0.17			
1125	4639	0.75	2344 11.7 / 0.23	2228 11.7 / 0.23	2109 11.7 / 0.23	1974 11.7 / 0.23	1831 11.7 / 0.23	1667 11.7 / 0.23	1474 11.7 / 0.23	1224 11.7 / 0.23		
1225	5051	0.75	2552 13.6 / 0.29	2446 13.6 / 0.29	2338 13.6 / 0.29	2218 13.6 / 0.29	2094 13.6 / 0.29	1955 13.6 / 0.29	1804 13.6 / 0.29	1626 13.6 / 0.29	1409 13.6 / 0.29	
1325	5463	0.75	2760 15.5 / 0.37	2662 15.5 / 0.37	2563 15.5 / 0.37	2458 15.5 / 0.37	2343 15.5 / 0.37	2228 15.5 / 0.37	2094 15.5 / 0.37	1954 15.5 / 0.37	1790 15.5 / 0.37	1369 15.5 / 0.37
1425	5876	0.75	2969 17.7 / 0.46	2878 17.7 / 0.46	2785 17.7 / 0.46	2693 17.7 / 0.46	2587 17.7 / 0.46	2480 17.7 / 0.46	2373 17.7 / 0.46	2244 17.7 / 0.46	2114 17.7 / 0.46	1809 17.7 / 0.46
1525	6288	0.75	3177 20 / 0.57	3092 20 / 0.57	3006 20 / 0.57	2920 20 / 0.57	2827 20 / 0.57	2727 20 / 0.57	2627 20 / 0.57	2525 20 / 0.57	2404 20 / 0.57	2147 20 / 0.57
1625	6700	0.75	3385 22 / 0.68	3306 22 / 0.68	3225 22 / 0.68	3144 22 / 0.68	3063 22 / 0.68	2969 22 / 0.68	2875 22 / 0.68	2782 22 / 0.68	2685 22 / 0.68	2457 22 / 0.68

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.

* Note: Three phase applications use a 1.5 hp motor.