



# Large Diameter Fan Design Options

Fan Size in Diameter	8 ft	12 ft	16 ft	20 ft	24 ft
Motor Power	1 HP	1 HP	1.5 HP	2 HP	2 HP
Power Consumption	644 W	644 W	805 W	1403 W	1403 W
Actual Amps at 480 Volt	1.3 A	1.3 A	1.6 A	3.0 A	3.0 A
Actual Amps at 230 Volt	2.8 A	2.8 A	3.5 A	6.3 A	6.3 A
Torque	68 ft-lbs	85 ft-lbs	180 ft-lbs	250 ft-lbs	290 ft-lbs
Thrust	n/a	n/a	160 lbs	210 lbs	170 lbs
Speed	154 rpm	123 rpm	73 rpm	63 rpm	57 rpm
Airflow	42,136 cfm	134,152 cfm	182,173 cfm	330,050 cfm	397,701 cfm
Maximum Eff. Diameter	35 ft	80 ft	140 ft	200 ft	230 ft
Weight (No Mount)	214 lbs	235 lbs	265 lbs	310 lbs	330 lbs
Noise Level (2.4m Below at Wing Tip)	60 dBA	62 dBA	62 dBA	63 dBA	64 dBA