

Performance Specification (6 Blades)

Fan Size In Diameter	6 ft	8 ft	10 ft	12 ft	14 ft	16 ft	18 ft	20 ft	22 ft	24 ft
Motor Power	1 HP	1 HP	1 HP	1 HP	1.5 HP	1.5 HP	2 HP	2 HP	2 HP	2 HP
Power Consumption	550 W	550 W	746 W	746 W	710 W	710 W	1490 W	1490 W	1410 W	1410 W
FLA @ 230V	2.9 A	2.9 A	2.9 A	2.9 A	4.1 A	4.1 A	5.6 A	5.6 A	5.6 A	5.6 A
FLA @ 460V	1.4 A	1.4 A	1.4 A	1.4 A	2.1 A	2.1 A	2.8 A	2.8 A	2.8 A	2.8 A
FLA @ 575V	1.1 A	1.1 A	1.1 A	1.1 A	1.5 A	1.5 A	2.1 A	2.1 A	2.1 A	2.1 A
Thrust (Forward)	20 lbs	22 lbs	21 lbs	27 lbs	27 lbs	42 lbs	74 lbs	91 lbs	83 lbs	105 lbs
Thrust (Reverse)	1.5 lbs	2 lbs	7 lbs	9 lbs	8 lbs	12 lbs	13 lbs	30 lbs	31 lbs	47 lbs
Max RPM	168 RPM	168 RPM	116 RPM	116 RPM	79 RPM	79 RPM	73 RPM	73 RPM	53 RPM	53 RPM
Airflow (Forward)	30,000 CFM	41,500 CFM	50,000 CFM	69,500 CFM	80,000 CFM	115,000 CFM	170,000 CFM	210,000 CFM	220,000 CFM	275,000 CFM
Airflow (Reverse)	8000 CFM	12,300 CFM	29,000 CFM	39,200 CFM	44,000 CFM	49,300 CFM	71,000 CFM	84,400 CFM	134,000 CFM	149,000 CFM
Maximum Effective Diameter (Open Space)	32 Ft	44.6 Ft	85 Ft	110 Ft	121 Ft	130 Ft	132 Ft	136 Ft	137 Ft	140 Ft
Maximum Effective Diameter (With Obstructions)	20 Ft	25 Ft	30 Ft	35.6 Ft	51 Ft	66.8 Ft	74 Ft	94.4 Ft	100 Ft	112 Ft
Maximum Effective Area Cooling (Open Space)	800 sq. ft.	1500 sq. ft.	5500 sq. ft.	9500 sq. ft.	11500 sq. ft.	13000 sq. ft.	13500 sq. ft.	14000 sq. ft.	14500 sq. ft.	15000 sq. ft.
Maximum Effective Area Cooling (With Obstructions)	350 sq. ft.	500 sq. ft.	700 sq. ft.	1000 sq. ft.	2000 sq. ft.	3500 sq. ft.	4300 sq. ft.	7000 sq. ft.	8000 sq. ft.	10000 sq. ft.
Maximum Effective Area Destratification	550 sq. ft.	750 sq. ft.	2500 sq. ft.	3500 sq. ft.	7000 sq. ft.	10000 sq. ft.	14000 sq. ft.	20000 sq. ft.	24000 sq. ft.	30000 sq. ft.
Weight (No Mount)	220 lbs	240 lbs	260 lbs	280 lbs	322 lbs	342 lbs	378 lbs	398 lbs	417 lbs	437 lbs
Noise Level	56.5 dB	57 dB	58 dB	59 dB	59 dB	59.8 dB	59.5 dB	60 dB	58 dB	58.5 dB

Performance Specification (3 Blades)

Fan Size In Diameter	6 ft	8 ft	10 ft	12 ft	14 ft	16 ft	18 ft	20 ft	22 ft	24 ft
Motor Power	1 HP	1 HP	1 HP	1 HP	1.5 HP	1.5 HP	2 HP	2 HP	2 HP	2 HP
Power Consumption	550 W	550 W	746 W	746 W	710 W	710 W	1490 W	1490 W	1410 W	1410 W
FLA @ 230V	2.9 A	2.9 A	2.9 A	2.9 A	4.1 A	4.1 A	5.6 A	5.6 A	5.6 A	5.6 A
FLA @ 460V	1.4 A	1.4 A	1.4 A	1.4 A	2.1 A	2.1 A	2.8 A	2.8 A	2.8 A	2.8 A
FLA @ 575V	1.1 A	1.1 A	1.1 A	1.1 A	1.5 A	1.5 A	2.1 A	2.1 A	2.1 A	2.1 A
Thrust (Forward)										
Thrust (Reverse)										
Max RPM	168 RPM	168 RPM	116 RPM	116 RPM	79 RPM	79 RPM	73 RPM	73 RPM	53 RPM	53 RPM
Airflow (Forward)	20,000 CFM	28,200 CFM	34,000 CFM	47,000 CFM	54,000 CFM	78,000 CFM	115,000 CFM	142,500 CFM	149,000 CFM	186,500 CFM
Airflow (Reverse)	5000 CFM	8000 CFM	18,500 CFM	25,000 CFM	28,500 CFM	32,000 CFM	46,000 CFM	54,500 CFM	87,000 CFM	96,500 CFM
Maximum Effective Diameter (Open Space)	26 Ft	35.5 Ft	68.5 Ft	90 Ft	97.5 Ft	104 Ft	107 Ft	110 Ft	111 Ft	112.5 Ft
Maximum Effective Diameter (With Obstructions)	17 Ft	20 Ft	24 Ft	28.5 Ft	40.5 Ft	53.5 Ft	59.5 Ft	75.5 Ft	81 Ft	91 Ft
Maximum Effective Area Cooling (Open Space)	530 sq. ft.	1000 sq. ft.	3700 sq. ft.	6400 sq. ft.	7500 sq. ft.	8500 sq. ft.	9000 sq. ft.	9500 sq. ft.	9750 sq. ft.	10000 sq. ft.
Maximum Effective Area Cooling (With Obstructions)	230 sq. ft.	325 sq. ft.	450 sq. ft.	650 sq. ft.	1300 sq. ft.	2250 sq. ft.	2800 sq. ft.	4500 sq. ft.	5200 sq. ft.	6500 sq. ft.
Maximum Effective Area Destratification	350 sq. ft.	475 sq. ft.	1600 sq. ft.	2200 sq. ft.	4500 sq. ft.	6500 sq. ft.	9000 sq. ft.	13000 sq. ft.	15500 sq. ft.	19500 sq. ft.
Weight (No Mount)	165 lbs	185 lbs	195 lbs	205 lbs	230 lbs	250 lbs	264lbs	284 lbs	282 lbs	302 lbs
Noise Level	56.5 dB	57 dB	58 dB	59 dB	59 dB	59.8 dB	59.5 dB	60 dB	58 dB	58.5 dB

Noise level is measured 6 m (20 ft) at blade height and 6 m (20 ft) horizontally from blade centre.

Maximum effective diameter is where horizontal air speed at 1.2 m (3.9 ft) above floor drops below 0.2 m/s (0.7 fps) in an empty room.

Specifications may vary due to electrical and environmental conditions. Specifications subject to change without notice.