

SHT Portable Axial Fan

110-120V/60Hz



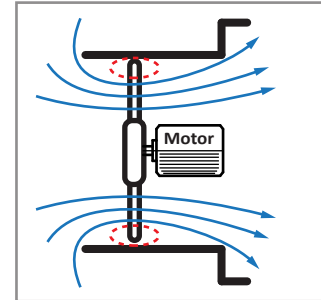
portable axial fan are available in several different sizes ranging from 8 inch to 32 inch blade diameter. They are made with the utmost quality and precision, and can be used for many different applications. The impeller is connected directly to the motor shaft, eliminating any need for belts and pulleys.



Advantages of portable axial fan

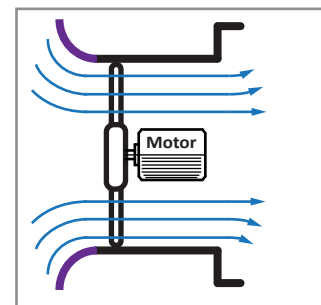
- Energy Efficient
- Convenient to move with handle or wheels
- Lightweight Diecast Aluminum Alloy
- Sturdy and powerful with Direct Drive motors
- Lobed Axial Blade Shape

Airflow with No Inlet Bell



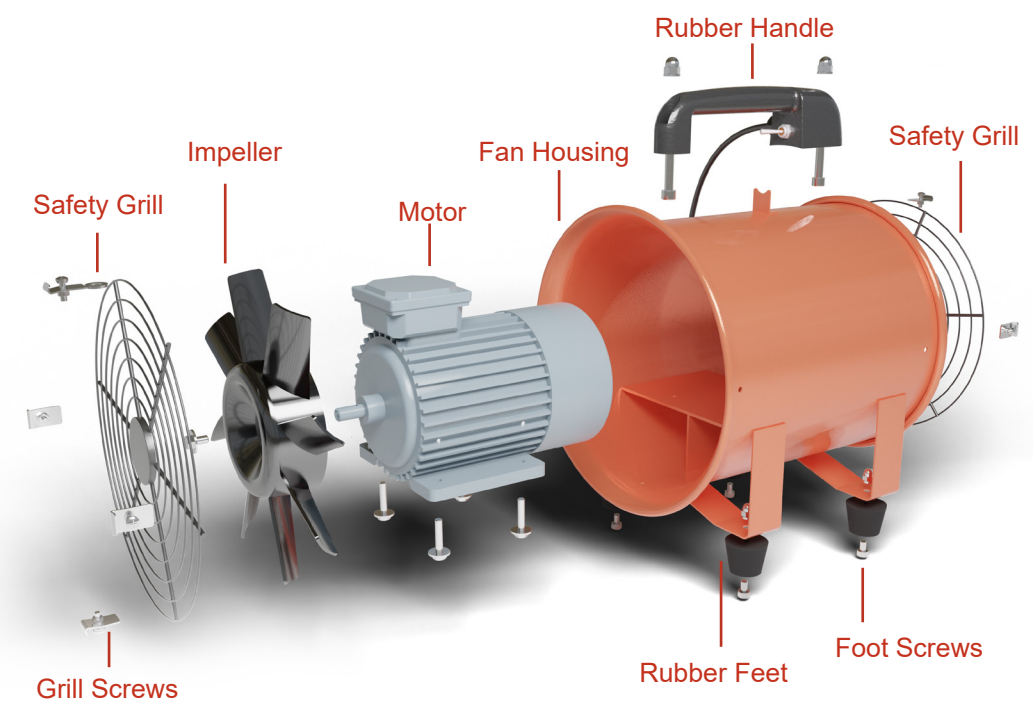
If a smooth transition is not present, the airflow vectors will not be able to make rapid changes in direction. This creates a "Vena Contracta" effect at the blade tip, starving the blade of air in this area. Since most of the work is done by the outer portion of the fan blade, the result can be a loss of efficiency as high as 15-20%. An additional adverse effect can be increased vibration.

Airflow with Inlet Bell



The lobed blade shape creates a more laminar flow. This allows the air to flow smoothly and eliminates pulsing. The outer portion of the blade does most of the work, especially with the large surface area rotating the fastest, and moving the most air. This makes for more direct air flow at a high efficiency rate, saving you money, without sacrificing performance.

FAN STRUCTURE

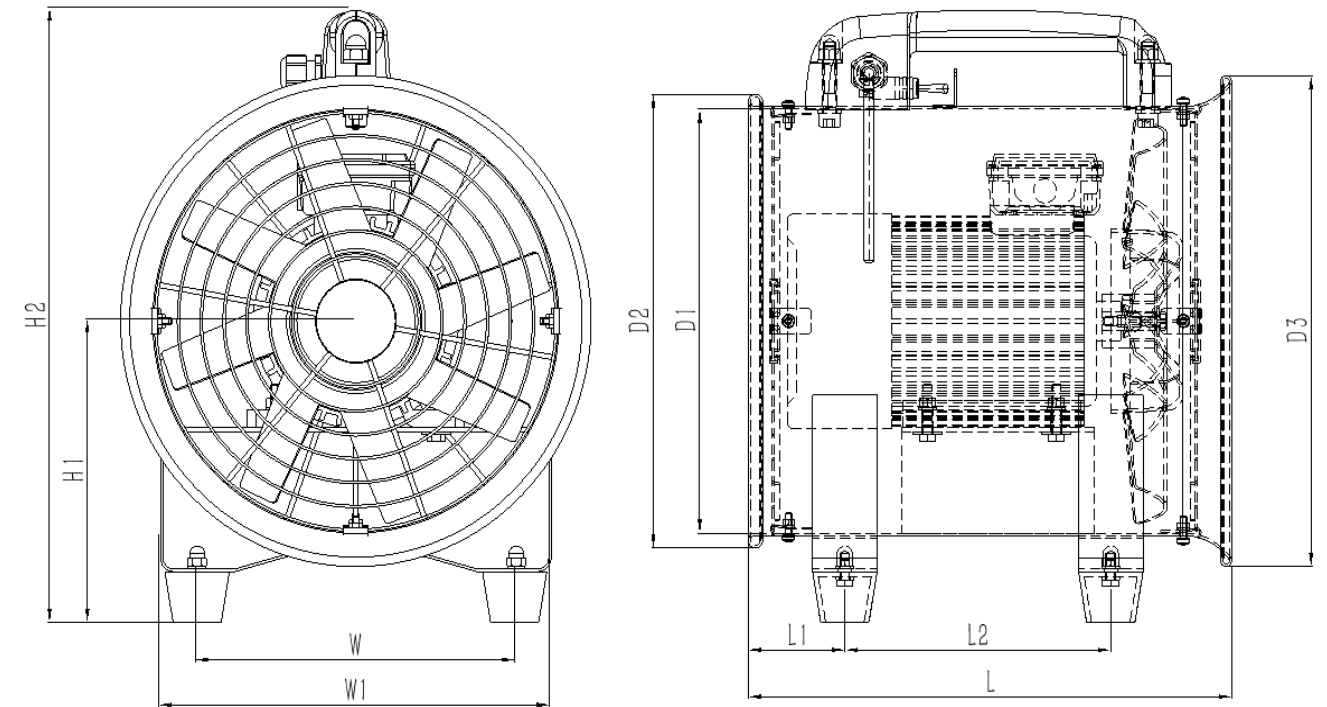


*Dimensions and parametric data are subject to change without notice.

FAN PARAMETER

SHT200 Information		200 (6")
Voltage	AC Technology	
	110-120V/60Hz	
Working Power	1/4 HP	
Speed	3420rpm	
Noise	60dB	
Motor Insulation Level	F	
Maximum Flow Value	1100CFM	
Maximum S.P	1.2inch W.G	
SHT250 Information		250 (8")
Voltage	AC Technology	
	110-120V/60Hz	
Working Power	1/3 HP	
Speed	3420rpm	
Noise	65dB	
Motor Insulation Level	F	
Maximum Flow Value	1500CFM	
Maximum S.P	1.5inch W.G	
SHT300 Information		300 (12")
Voltage	AC Technology	
	110-120V/60Hz	
Working Power	3/4 HP	
Speed	3420rpm	
Noise	68dB	
Motor Insulation Level	F	
Maximum Flow Value	2300CFM	
Maximum S.P	1.9inch W.G	

FAN PARAMETER



	W	W1	L	L1	L2	D1	D2	D3	H1	H2
8	145mm	203mm	300mm	60mm	160mm	202mm	220mm	240mm	155mm	315mm
	5.71"	7.99"	11.81"	2.36"	6.3"	7.95"	8.66"	9.45"	6.06	12.4
10	198mm	242mm	300mm	60mm	165mm	252mm	270mm	292mm	180mm	365mm
	9.65"	11.18"	14.96"	2.36"	6.5"	11.89"	11.81"	13.78"	7.05"	14.37"
12	245mm	284mm	380mm	60mm	250mm	300mm	320mm	350mm	215mm	425mm
	9.64"	11.18"	14.96"	2.36"	9.84"	11.81"	12.6"	13.78"	8.43"	16.73"