



STEALTH BY RCiQ

TECH SHEET

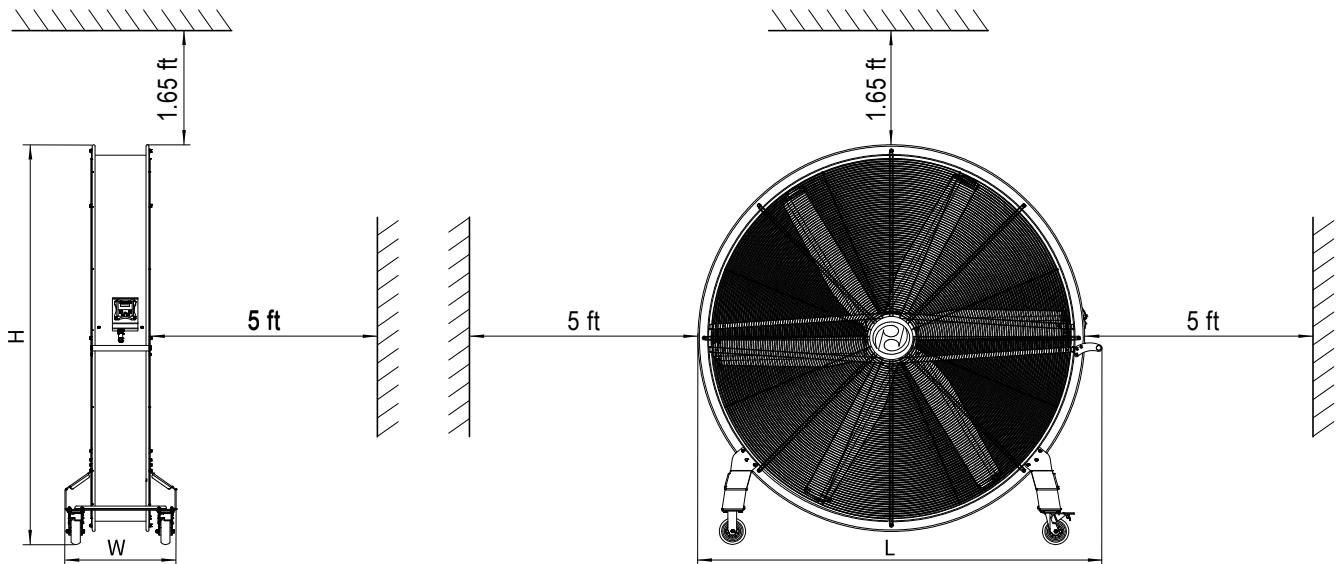


TECHNICAL SPECIFICATIONS

Model	Diameter (ft)	Voltage (v)	Frequency (Hz)	Power (hp)	Rotating Speed (rpm)	Tilt
SMC - 1.5	4.92	120	50	1.01	<=420	No
SMC - 2.0	6.56	120	50	1.36	<=300	No
SMCT - 1.5	4.92	120	50	1.01	<=420	Yes
SMCT - 2.0	6.56	120	50	1.36	<=300	Yes

Model	Air Speed (ft/min)	Airflow (CFM)	Weight (lb)	Noise (dB)	Coverage Area (ft)
SMC - 1.5	325	32,372	206	39	1,615
SMC - 2.0	305	47,086	269	29	2,153
SMCT - 1.5	325	32,372	206	39	1,615
SMCT - 2.0	305	47,086	269	29	2,153

CLEARANCE ZONE



CLEARANCE ZONE - H, W, L

Model	H (in)	W (in)	L (in)
SMC - 1.5	67.8	23.6	66.5
SMC - 2.0	87.5	28.7	86.2
SMCT - 1.5	67.8	23.6	66.5
SMCT - 2.0	87.5	28.7	86.2



PERMANENT MAGNET SYNCHRONOUS MOTOR

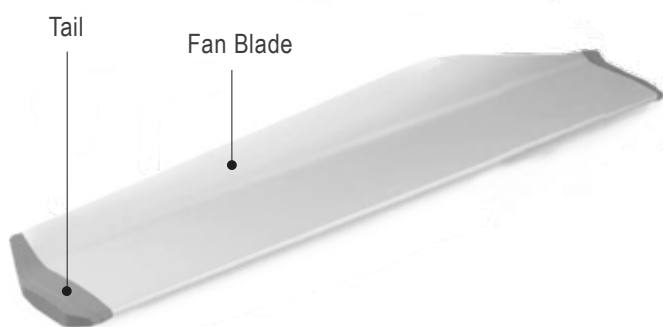
- No rotor losses
- High efficiency and precision
- High power factor
- Improves grid performance and stability
- Wide frequency modulation range (0-200 Hz)
- Compact and lightweight design
- Significant energy savings

STREAMLINED FAN BLADE

Made from extruded and stretched aluminum-magnesium alloy, the fan's blades combine durability, flexibility, and a lightweight design for long-lasting, reliable performance. It features a T5-grade bright surface oxidation treatment that enhances its resistance to corrosion and oxidation, making it suitable for demanding or specialized environments.

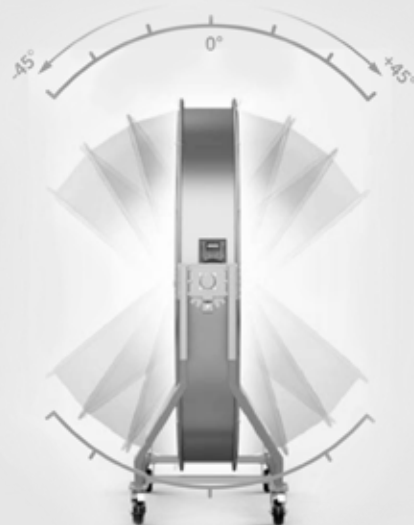
ENERGY-SAVING TAIL

When the fan blade operates, air tends to form vortices at the tip of the aerofoil blade. The energy-saving tail is designed to reduce this vortex-induced energy loss, helping to stabilize the fan's operation and ensure smoother, more aerodynamically efficient airflow.



ADJUSTABLE AIRFLOW ANGLE (CUSTOMIZABLE MODEL)

In different places of use, the fan's air delivery angle needs to be more flexible and versatile. During these times, the tilting fan models can be a big help. The pitch angle can be adjusted from -45° to $+45^{\circ}$, with 0° representing horizontal airflow. It features 7 fixed positions, adjustable in 15° increments.



AIRFOIL INTERNAL REINFORCEMENT STRUCTURE

SMART CONTROL SYSTEM

- The system features sensorless vector control, anti-electromagnetic interference, and resistance to radiation, coupled with a compact, lightweight, and attractive design.
- Easy to operate via four buttons: **START**, **STOP**, **SPEED UP**, and **SLOW DOWN**.
- The system also has protection against over- and undervoltage, voltage loss, current faults, phase failure, overload, collision, overheating, and lightning.

