



FANTOM SERIES

Premier Direct Drive HVLS Fans

FANTOM

STOL

EPPLER

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ST3

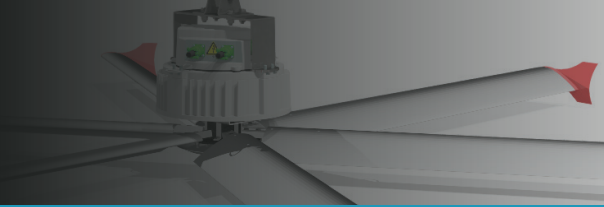


6-BLADE - 14 to 24-Ft. DIAMETER

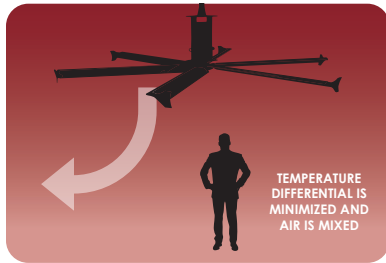
HIGH VOLUME LOW SPEED TECHNOLOGY

FANTOM SERIES SKYBLADE

Premier Direct Drive HVLS Fans

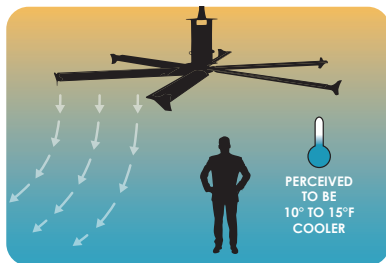


SKYBLADE BENEFITS



DESTRATIFICATION

- Reduce energy costs up to 30% by minimizing the temperature differential from the ceiling to the floor
- Eliminate hot/cold layers and maintains comfort levels throughout building
- Improved employee comfort
- Noise produced when operating is close to that of an average library
- Less run time on existing HVAC units



COOLING

- Create constant airflow to reduce perceived temperatures by 10 to 15°F
- Maintains comfort levels throughout the building and improves employee comfort
- More energy efficient than average small high speed fans with much higher air volumes
- When paired with an existing cooling system - can reduce energy bills by up to 30%
- Minimizes humidity and condensation

PRODUCT FEATURES & SPECIFICATIONS

CUSTOM-ENGINEERED BLADES

Equipped with six extruded, high performance E420 design aluminum blades. Contoured for maximum air movement, so environments become cooler faster.

WINGTIPS

Six wingtip fences constructed of nylon 66 redirect outward airflow into downward airflow to improve and direct airflow downwards. Multiple color options available.

ENVIRONMENTALLY DURABLE CHASSIS

1/4" powder-coated steel and aluminum resists rusting and corrosion even in cold and damp environments. Stainless steel safety brackets included.

MOTOR

Direct drive system allows this fan to operate incredibly quiet. Totally enclosed direct drive, IP65 rated ECM motor. Onboard VFD is factory assembled and programmed for minimum start/stop torque loads.

STANDARD LIMITED WARRANTY

5 years: Motor, 1 year: Electronics, Lifetime: Blades, Chassis, and Hub. Extended warranties available.

CONTROLLER OPTIONS

Controller options from single fan to complete building integration.

Model	Fan Dia.	Voltage ¹	Motor FLA	Phase	HP (kW)	Area Covered ²	Maximum Effective Dia.	Installed Weight
FNTM-1443	14 Ft (4.3 m)	220-480 VAC 50/60hz	5.2	1-3	1.35 (1.0)	15,386 Ft ² (1430 m ²)	140 Ft. (43 m)	250 lbs. (113 kg)
FNTM-1649	16 Ft (4.9 m)	220-480 VAC 50/60hz	5.2	1-3	1.35 (1.0)	20,096 Ft ² (1867 m ²)	160 Ft. (49 m)	265 lbs. (120 kg)
FNTM-1855	18 Ft (5.5 m)	220-480 VAC 50/60hz	5.2	1-3	1.35 (1.0)	25,434 Ft ² (2363 m ²)	180 Ft. (55 m)	275 lbs. (125 kg)
FNTM-2061	20 Ft (6.1 m)	220-480 VAC 50/60hz	5.2	1-3	1.35 (1.0)	31,400 Ft ² (2917 m ²)	200 Ft. (61 m)	305 lbs. (138 kg)
FNTM-2473	24 Ft (7.3 m)	220-480 VAC 50/60hz	5.2	1-3	1.35 (1.0)	45,216 Ft ² (4201 m ²)	240 Ft. (73 m)	330 lbs. (150 kg)

¹ 277V power source is not accepted.

² Estimated values are based on typical conditions.



Rated voltage for the appliance is 460V. Steady voltages in the high 490's and spikes above this can damage the onboard electronics.



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Concurrent with our continuing product improvement program, specifications are subject to change without notice. Please contact SkyBlade Fan Company for latest information. Some features illustrated may be optional in certain market areas.

