



ST3 SERIES

Economic Geared Drive 3-Blade HVLS Fans

FANTOM

STOL

EPPLER

D3

ST3

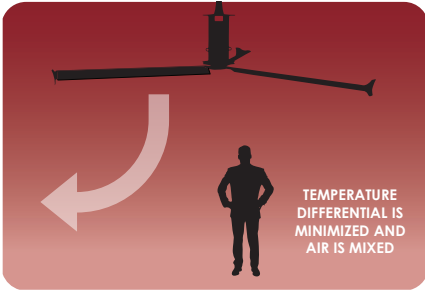


12' - 24' DIAMETER HVLS FANS
HIGH VOLUME LOW SPEED TECHNOLOGY

ST3 SERIES SKYBLADE

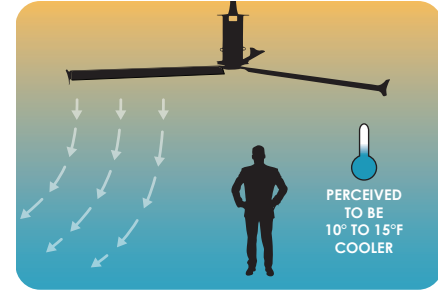
Economic Geared Drive 3-Blade HVLS Fans

SKYBLADE BENEFITS



DESTRATIFICATION

- Reduce energy costs up to 30% by minimizing the temperature differential from the ceiling to the floor
- Eliminate hot/cold layers
- 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
- Improved 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 three high performance STOL design blades constructed of precision 6005-T5 extruded aluminium alloy. Contoured for maximum air movement.

WINGTIPS

Three 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 anodized aluminum resists rusting and corrosion even in cold and damp environments. Stainless steel safety brackets included.

MOTOR

Totally enclosed, fan cooled (TEFC) IP55 motor with precision finished gearbox for low noise and long service life. Sealed with lifetime synthetic oil. Robust 3-inch output shaft for strength with nylon bushing on input.

STANDARD LIMITED WARRANTY

3 year: Motor and Gearbox, 1 year: Electronics, Lifetime: Blades and Hub. Extended warranties available.

CONTROLLER OPTIONS

Controller options from single fan to complete building integration.

Model	Fan Dia.	Voltage*	Motor FLA	Phase	HP (kW)	Area Covered	Maximum Effective Dia.	Installed Weight
ST3-1236	12 Ft (3.6 m)	99-660 VAC 48/62hz	1.69-3.38	1-3	1.0 (0.75)	11,304 Ft ² (1050 m ²)	120 Ft. (36 m)	198 lbs. (90 kg)
ST3-1443	14 Ft (4.3 m)	99-660 VAC 48/62hz	1.69-3.38	1-3	1.0 (0.75)	15,386 Ft ² (1430 m ²)	140 Ft. (43 m)	205 lbs. (93 kg)
ST3-1649	16 Ft (4.9 m)	99-660 VAC 48/62hz	1.69-3.38	1-3	1.0 (0.75)	20,096 Ft ² (1867 m ²)	160 Ft. (49 m)	211 lbs. (96 kg)
ST3-1855	18 Ft (5.5 m)	99-660 VAC 48/62hz	1.69-3.38	1-3	1.0 (0.75)	25,434 Ft ² (2363 m ²)	180 Ft. (55 m)	218 lbs. (99 kg)
ST3-2061	20 Ft (6.1 m)	99-660 VAC 48/62hz	1.69-3.38	1-3	1.0 (0.75)	31,400 Ft ² (2917 m ²)	200 Ft. (61 m)	224 lbs. (102 kg)
ST3-2473	24 Ft (7.3 m)	99-660 VAC 48/62hz	1.69-3.38	1-3	1.0 (0.75)	45,216 Ft ² (4201 m ²)	240 Ft. (73 m)	237 lbs. (108 kg)

* 277V power source is not accepted.



SkyBlade Fan Company | Where Form Follows Function

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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.

