

STOL SERIES

Premier Geared Drive 6-Blade HVLS Fans

FANTOM

STOL

EPPLER

D3

ST3



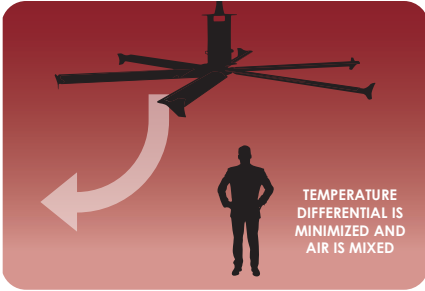
10'-24' DIAMETER HVLS FANS

HIGH VOLUME LOW SPEED TECHNOLOGY

STOL SERIES SKYBLADE

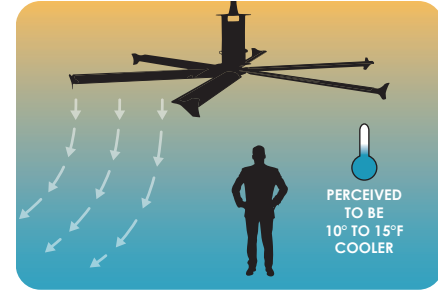
Premier Geared Drive 6-Blade HVLS Fans

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 six high performance STOL design blades constructed of precision 6005-T5 extruded aluminium alloy. Contoured for maximum air movement.

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 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: Blade 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
STOL-1030	10 Ft (3.0 m)	99-660 VAC 48/62hz	2.3-5.2	1-3	1.0 (0.75)	7,850 Ft ² (730 m ²)	100 Ft. (30 m)	274 lbs. (124 kg)
STOL-1236	12 Ft (3.6 m)	99-660 VAC 48/62hz	2.3-5.2	1-3	1.0 (0.75)	11,304 Ft ² (1050 m ²)	120 Ft. (36 m)	286 lbs. (130 kg)
STOL-1443	14 Ft (4.3 m)	99-660 VAC 48/62hz	2.3-5.2	1-3	1.0 (0.75)	15,386 Ft ² (1430 m ²)	140 Ft. (43 m)	298 lbs. (135 kg)
STOL-1649	16 Ft (4.9 m)	99-660 VAC 48/62hz	2.3-5.2	1-3	1.0 (0.75)	20,096 Ft ² (1867 m ²)	160 Ft. (49 m)	310 lbs. (141 kg)
STOL-1855	18 Ft (5.5 m)	99-660 VAC 48/62hz	2.3-5.2	1-3	1.5 (1.12)	25,434 Ft ² (2363 m ²)	180 Ft. (55 m)	323 lbs. (147 kg)
STOL-2061	20 Ft (6.1 m)	99-660 VAC 48/62hz	2.3-5.2	1-3	1.5 (1.12)	31,400 Ft ² (2917 m ²)	200 Ft. (61 m)	335 lbs. (152 kg)
STOL-2473	24 Ft (7.3 m)	99-660 VAC 48/62hz	2.3-5.2	1-3	1.5 (1.12)	45,216 Ft ² (4201 m ²)	240 Ft. (73 m)	360 lbs. (163 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.

