



STEP SERIES

Premier Geared Drive HVLS Fans



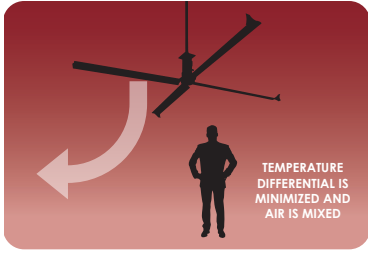
4-BLADE - 10 to 24-Ft. DIAMETER

HIGH VOLUME LOW SPEED TECHNOLOGY

STEP SERIES SKYBLADE

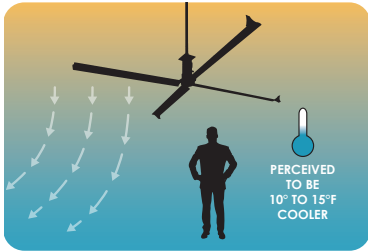
Premier Geared Drive 4-Blade HVLS Fans

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
- 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 greater air volumes
- When paired with an existing cooling system - can reduce energy bills by up to 30%
- Minimizes humidity and condensation

SPECIALTY & SAFETY APPLICATIONS



- Reduce accidents in high traffic areas by reducing condensation buildup
- Improve employee productivity and accuracy
- Reduce damage to warehouse goods
- Mold and stagnant air prevention

PRODUCT FEATURES & SPECIFICATIONS

CUSTOM-ENGINEERED AIRFOILS

Equipped with four high performance STOL design airfoils constructed of precision 6005-T5 extruded aluminium alloy. Contoured for maximum air movement.

WINGTIPS

Four wingtip fences constructed of nylon 66 redirect outward airflow into downward airflow to improve and direct airflow downwards.

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.

Model	Fan Dia.	Voltage ¹	Motor FLA	Phase	HP (kW)	Area Covered ¹	Maximum Effective Dia. ²	Installed Weight
STEP-1030	10 Ft (3.0 m)	99-660 VAC 50/60hz	1.69-3.38	1-3	1.0 (0.75)	7,850 Ft ² (729m ²)	100 Ft. (30 m)	202 lbs. (92 kg)
STEP-1236	12 Ft (3.6 m)	99-660 VAC 50/60hz	1.69-3.38	1-3	1.0 (0.75)	11,304 Ft ² (1,050m ²)	120 Ft. (36 m)	211 lbs. (96 kg)
STEP-1443	14 Ft (4.3 m)	99-660 VAC 50/60hz	1.69-3.38	1-3	1.0 (0.75)	15,386 Ft ² (1,429m ²)	140 Ft. (43 m)	219 lbs. (100 kg)
STEP-1649	16 Ft (4.9 m)	99-660 VAC 50/60hz	1.69-3.38	1-3	1.0 (0.75)	20,096 Ft ² (1,867m ²)	160 Ft. (49 m)	228 lbs. (104 kg)
STEP-1855	18 Ft (5.5 m)	99-660 VAC 50/60hz	1.69-3.38	1-3	1.0 (0.75)	25,434 Ft ² (2,363m ²)	180 Ft. (55 m)	236 lbs. (107 kg)
STEP-2061	20 Ft (6.1 m)	99-660 VAC 50/60hz	1.69-3.38	1-3	1.0 (0.75)	31,400 Ft ² (2,917m ²)	200 Ft. (61 m)	245 lbs. (111 kg)
STEP-2473	24 Ft (7.3 m)	99-660 VAC 50/60hz	1.69-3.38	1-3	1.0 (0.75)	45,216 Ft ² (4,201m ²)	240 Ft. (73 m)	262 lbs. (119 kg)

¹277V power source is not accepted. ²Estimated values based on typical conditions.



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.

