



SHOP PROP SERIES

Premier Direct Drive HVLS Fans

TURBOPROP

SHOP PROP

MINI PROP



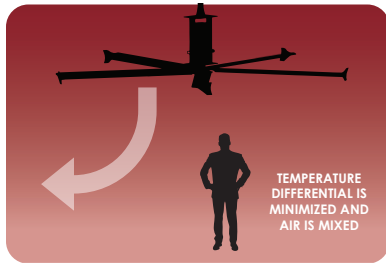
5-BLADE - 6-Ft. to 16-Ft. DIAMETER

HIGH VOLUME LOW SPEED TECHNOLOGY

SHOP PROP SERIES SKYBLADE

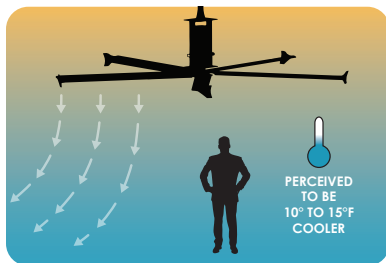
Premier Direct Drive HVLS Fans

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 five extruded anodized, high performance E420 design aluminum blades. Contoured for maximum air movement, so environments become cooler faster.

WINGTIPS

Five wingtips 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

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

CONTROLLER OPTIONS

Controller options from single fan to complete building integration.

Model ¹	Fan Dia.	Voltage ²	Motor FLA	Phase	HP (kW)	Area Covered ³	Maximum Effective Dia.	Installed Weight
SP-0618	6 ft. (1.8 m)	110-480 VAC 50/60hz	5.2	1-3	1.35 (1.0)	2,826 ft ² (262 m ²)	60 ft. (18 m)	101 lb (46 kg)
SP-0721	7 ft. (2.1 m)	110-480 VAC 50/60hz	5.2	1-3	1.35 (1.0)	3,925 ft ² (365 m ²)	70 ft. (21 m)	103 lb (47 kg)
SP-0824	8 ft. (2.4 m)	110-480 VAC 50/60hz	5.2	1-3	1.35 (1.0)	5,024 ft ² (467 m ²)	80 ft. (24 m)	105 lb (48 kg)
SP-1030	10 ft. (3.0 m)	110-480 VAC 50/60hz	5.2	1-3	1.35 (1.0)	7,850 ft ² (730 m ²)	100 ft. (30 m)	110 lb (50 kg)
SP-1236	12 ft. (3.6 m)	110-480 VAC 50/60hz	5.2	1-3	1.35 (1.0)	11,304 ft ² (1050 m ²)	120 ft. (36 m)	114 lb (52 kg)
SP-1443	14 ft. (4.3 m)	110-480 VAC 50/60hz	5.2	1-3	1.35 (1.0)	15,386 ft ² (1430 m ²)	140 ft. (43 m)	118 lb (54 kg)
SP-1649	16 Ft (4.9 m)	110-480 VAC 50/60hz	5.2	1-3	1.35 (1.0)	20,096 Ft ² (1867 m ²)	160 Ft. (49 m)	122 lb (56 kg)

¹ 6 ft. model not available in the United States.

² 277V power source is not accepted.

³ 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.



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.

