



# TURBOPROP SERIES

Premier Direct Drive HVLS Fans

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8-BLADE - 6 to 16-Ft. DIAMETER

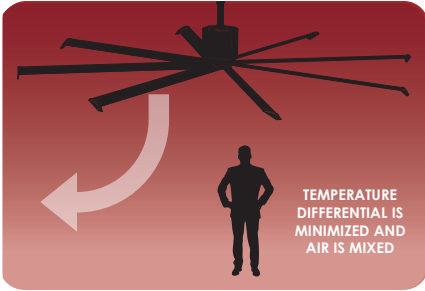
HIGH VOLUME LOW SPEED TECHNOLOGY



# TURBOPROP SERIES SKYBLADE

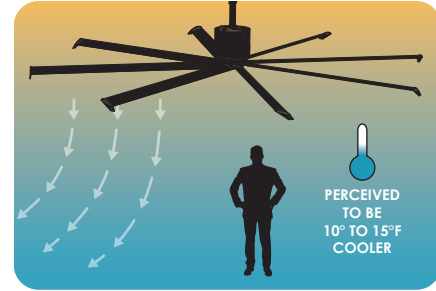
Premier Direct Drive HVLS Fans

## SKYBLADE BENEFITS



### DESTRATIFICATION

- Reduce energy costs up to 30% by minimizing the temperature differential from the ceiling to the floor
- Eliminate hot/cold layers
- 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 eight extruded anodized, high performance E420 design aluminum blades. Contoured for maximum air movement, so environments become cooler faster.

### WINGTIPS

Eight 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	Fan Dia.	Voltage*	Motor FLA	Phase	HP (kW)	Area Covered	Maximum Effective Dia.	Installed Weight
TBP-0618	6 Ft (1.8 m)	108-506 VAC 50/60hz	5.2	1-3	1.35 (1.0)	2,826 Ft <sup>2</sup> (262 m <sup>2</sup> )	60 Ft. (18 m)	106 lb (48 kg)
TBP-0824	8 Ft (2.4 m)	108-506 VAC 50/60hz	5.2	1-3	1.35 (1.0)	5,024 Ft <sup>2</sup> (467 m <sup>2</sup> )	80 Ft. (24 m)	110 lb (50 kg)
TBP-1030	10 Ft (3.0 m)	108-506 VAC 50/60hz	5.2	1-3	1.35 (1.0)	7,850 Ft <sup>2</sup> (730 m <sup>2</sup> )	100 Ft. (30 m)	115 lb (52 kg)
TBP-1236	12 Ft (3.6 m)	108-506 VAC 50/60hz	5.2	1-3	1.35 (1.0)	11,304 Ft <sup>2</sup> (1050 m <sup>2</sup> )	120 Ft. (36 m)	119 lb (54 kg)
TBP-1443	14 Ft (4.3 m)	108-506 VAC 50/60hz	5.2	1-3	1.35 (1.0)	15,386 Ft <sup>2</sup> (1430 m <sup>2</sup> )	140 Ft. (43 m)	123 lb (56 kg)
TBP-1649	16 Ft (4.9 m)	108-506 VAC 50/60hz	5.2	1-3	1.35 (1.0)	20,106 Ft <sup>2</sup> (1886 m <sup>2</sup> )	160 Ft. (49 m)	167 lb (75 kg)

\*277V power source is not accepted. Estimated Values based on typical conditions.



SkyBlade Fan Company | Where Form Follows Function

14 Aristoc Road, Glen Waverley VIC 3150  
1300 556 380 | enquiries@hnrw.com.au  
www.SkyBladeFans.com.au

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.

