



# AirFlow HVLS Fans

## Hawk V Direct Drive Series

**BLUE GIANT®**

### SUBMITTAL DATA - HVLS CEILING FANS & ACCESSORIES

SUBMITTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

JOB TITLE: \_\_\_\_\_ CONTRACTOR: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ PHONE #: \_\_\_\_\_

CITY: \_\_\_\_\_ ADDRESS: \_\_\_\_\_

STATE/PROVINCE: \_\_\_\_\_ ZIP/POSTAL CODE: \_\_\_\_\_ CITY: \_\_\_\_\_

STATE/PROVINCE: \_\_\_\_\_ ZIP/POSTAL CODE: \_\_\_\_\_

ENGINEER: \_\_\_\_\_

LOCAL REPRESENTATIVE: \_\_\_\_\_

QTY.	MODEL #	FAN DIA.	VOLTAGE RANGE <sup>1</sup>	MOTOR FLA	PHASE	HP	AREA COVERED	MAX EFFECTIVE DIAMETER <sup>2</sup>	MAX SPEED <sup>3</sup>	INSTALLED WEIGHT
	BGH5-1030-512-1	10 Ft. (3.0 m)	99-126 VAC	3.38	1	1.0 HP (0.75 kW)	7,850 Ft <sup>2</sup> (729 m <sup>2</sup> )	100 Ft. (30.5 m)	85 RPM	212 lbs (96 kg)
	BGH5-1030-523-1		198-264 VAC	3.38	1					
	BGH5-1030-523-3		198-264 VAC	3.38	3					
	BGH5-1030-546-3		400-480 VAC	1.69	3					
	BGH5-1030-557-3		450-660 VAC	1.69	3					
	BGH5-1236-512-1	12 Ft. (3.6 m)	99-126 VAC	3.38	1	1.0 HP (0.75 kW)	11,304 Ft <sup>2</sup> (1,050 m <sup>2</sup> )	120 Ft. (36.6 m)	85 RPM	223 lbs (101 kg)
	BGH5-1236-523-1		198-264 VAC	3.38	1					
	BGH5-1236-523-3		198-264 VAC	3.38	3					
	BGH5-1236-546-3		400-480 VAC	1.69	3					
	BGH5-1236-557-3		450-660 VAC	1.69	3					
	BGH5-1443-512-1	14 Ft. (4.3 m)	99-126 VAC	3.38	1	1.0 HP (0.75 kW)	15,386 Ft <sup>2</sup> (1429 m <sup>2</sup> )	140 Ft. (43 m)	75 RPM	234 lbs (106 kg)
	BGH5-1443-523-1		198-264 VAC	3.38	1					
	BGH5-1443-523-3		198-264 VAC	3.38	3					
	BGH5-1443-546-3		400-480 VAC	1.69	3					
	BGH5-1443-557-3		450-660 VAC	1.69	3					

	<b>BGH5-1649-512-1</b>	16 Ft. (4.9 m)	99-126 VAC	3.38	1	1.0 HP (0.75 kW)	20,096 Ft <sup>2</sup> (1,867 m <sup>2</sup> )	160 Ft. (48.8 m)	64 RPM	244 lbs (111 kg)
	<b>BGH5-1649-523-1</b>		198-264 VAC	3.38	1					
	<b>BGH5-1649-523-3</b>		198-264 VAC	3.38	3					
	<b>BGH5-1649-546-3</b>		400-480 VAC	1.69	3					
	<b>BGH5-1649-557-3</b>		450-660 VAC	1.69	3					
	<b>BGH5-1855-512-1</b>	18 Ft. (5.5 m)	99-126 VAC	3.38	1	1.0 HP (0.75 kW)	25,434 Ft <sup>2</sup> (2,362.8 m <sup>2</sup> )	180 Ft. (54.9 m)	55 RPM	255 lbs (116 kg)
	<b>BGH5-1855-523-1</b>		198-264 VAC	3.38	1					
	<b>BGH5-1855-523-3</b>		198-264 VAC	3.38	3					
	<b>BGH5-1855-546-3</b>		400-480 VAC	1.69	3					
	<b>BGH5-1855-557-3</b>		450-660 VAC	1.69	3					
	<b>BGH5-2061-512-1</b>	20 Ft. (6.1 m)	99-126 VAC	3.38	1	1.0 HP (0.75 kW)	31,400 Ft <sup>2</sup> (2,917.1 m <sup>2</sup> )	200 Ft. (61.0 m)	53 RPM	265 lbs (120 kg)
	<b>BGH5-2061-523-1</b>		198-264 VAC	3.38	1					
	<b>BGH5-2061-523-3</b>		198-264 VAC	3.38	3					
	<b>BGH5-2061-546-3</b>		400-480 VAC	1.69	3					
	<b>BGH5-2061-557-3</b>		450-660 VAC	1.69	3					
	<b>BGH5-2473-512-1</b>	24 Ft. (7.3 m)	99-126 VAC	3.38	1	1.0 HP (0.75 kW)	45,126 Ft <sup>2</sup> (4,200.7 m <sup>2</sup> )	220 Ft. (73.2 m)	42 RPM	287 lbs (130 kg)
	<b>BGH5-2473-523-1</b>		198-264 VAC	3.38	1					
	<b>BGH5-2473-523-3</b>		198-264 VAC	3.38	3					
	<b>BGH5-2473-546-3</b>		400-480 VAC	1.69	3					
	<b>BGH5-2473-557-3</b>		450-660 VAC	1.69	3					

<sup>1</sup> 277v Power source is not accepted.

<sup>2</sup> Estimated values based on typical conditions.

<sup>3</sup> Max Speed RPM has been recorded using 460v power source. Other voltages may affect performance.

# HVLS Hawk V Series Specifications

## BLADES

- Equipped with 5 blades
- Mill finish aluminum
- High performance E420 design with STOL technology

## VFD

- Remote, IP55 rating
- Factory assembled & programmed
- Minimum start/stop torque loads

## MOTOR

- Open Drip Proof (ODP) gearbox
- IP55 rating
- Class F insulation
- 1.0HP (0.75 kW) nominal horsepower

## CONSTRUCTION

- Mounting is to be 1/4" powder coated steel
- All construction is to be protected from the elements
- Stainless steel safety brackets

## WINGTIPS

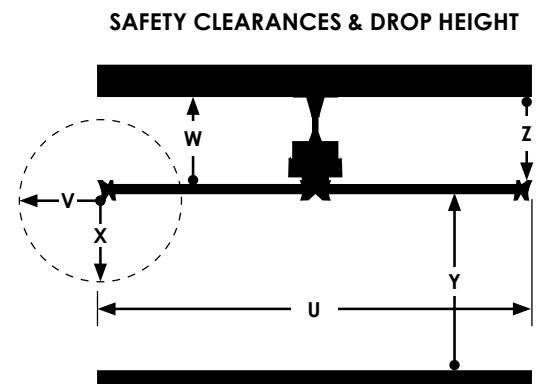
- Equipped with 5 Wingtips
- Constructed of nylon 66
- Redirect outward airflow into downward airflow

## STANDARD LIMITED WARRANTY

- 1 year: Motor, reducer & electronics
- Lifetime: Airfoil & hub.
- Extended warranties available

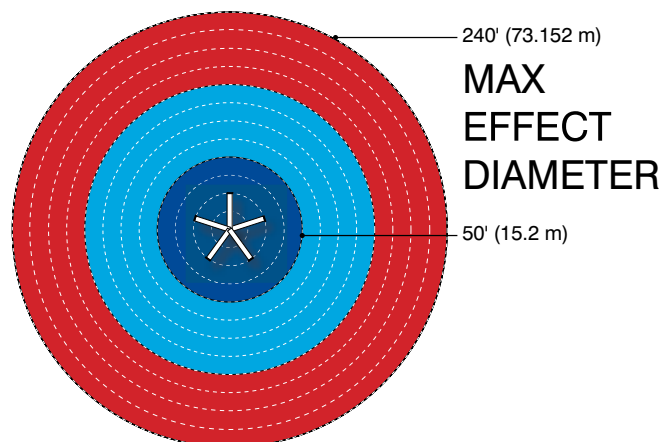
# HVLS Hawk V Series Safety Clearances & Drop Height<sup>2</sup>

MODEL #	DIAMETER [U]	SIDE [V]	ABOVE [W]	BELOW [X]	MIN. BLADE HEIGHT [Y]	BLADE DROP HEIGHT [Z]
BGH5-1443	14 Ft (4.3 m)	26"	39"	26"	10'	44"
BGH5-1649	16 Ft (4.9 m)	30"	39"	30"	10'	46"
BGH5-1855	18 Ft (5.5 m)	33"	39"	33"	10'	49"
BGH5-2061	20 Ft (6.1 m)	36"	39"	36"	10'	51"
BGH5-2473	24 Ft (7.3 m)	44"	39"	44"	10'	55"



<sup>2</sup> All dimensions are based on a standard 1 ft. extension bar.

# HVLS Hawk V Series Max Effective Diameter



MAX EFFECT DIA. ft.	
Evaporative Cooling	Heat Destratification
50	100
60	120
70	140
80	160
90	180
100	200
120	240

