



# AirFlow HVLS Fans

## Eagle VI 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
	<b>BGE6-1030-612-1</b>	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	223 lbs (101 kg)
	<b>BGE6-1030-623-1</b>		198-264 VAC	3.38	1					
	<b>BGE6-1030-623-3</b>		198-264 VAC	3.38	3					
	<b>BGE6-1030-646-3</b>		400-480 VAC	1.69	3					
	<b>BGE6-1030-657-3</b>		450-660 VAC	1.69	3					
	<b>BGE6-1236-612-1</b>	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	235 lbs (107 kg)
	<b>BGE6-1236-623-1</b>		198-264 VAC	3.38	1					
	<b>BGE6-1236-623-3</b>		198-264 VAC	3.38	3					
	<b>BGE6-1236-646-3</b>		400-480 VAC	1.69	3					
	<b>BGE6-1236-657-3</b>		450-660 VAC	1.69	3					
	<b>BGE6-1443-612-1</b>	14 Ft. (4.3 m)	99-126 VAC	3.38	1	1.0 HP (0.75 kW)	15,386 Ft <sup>2</sup> (1,429 m <sup>2</sup> )	140 Ft. (43 m)	75 RPM	248 lbs (113 kg)
	<b>BGE6-1443-623-1</b>		198-264 VAC	3.38	1					
	<b>BGE6-1443-623-3</b>		198-264 VAC	3.38	3					
	<b>BGE6-1443-646-3</b>		400-480 VAC	1.69	3					
	<b>BGE6-1443-657-3</b>		450-660 VAC	1.69	3					

	<b>BGE6-1649-612-1</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	290 lbs (132 kg)
	<b>BGE6-1649-623-1</b>		198-264 VAC	3.38	1					
	<b>BGE6-1649-623-3</b>		198-264 VAC	3.38	3					
	<b>BGE6-1649-646-3</b>		400-480 VAC	1.69	3					
	<b>BGE6-1649-657-3</b>		450-660 VAC	1.69	3					
	<b>BGE6-1855-612-1</b>	18 Ft. (5.5 m)	99-126 VAC	3.38	1	1.5 HP (1.12 kW)	25,434 Ft <sup>2</sup> (2,362.8 m <sup>2</sup> )	180 Ft. (54.9 m)	55 RPM	303 lbs (138 kg)
	<b>BGE6-1855-623-1</b>		198-264 VAC	3.38	1					
	<b>BGE6-1855-623-3</b>		198-264 VAC	3.38	3					
	<b>BGE6-1855-646-3</b>		400-480 VAC	1.69	3					
	<b>BGE6-1855-657-3</b>		450-660 VAC	1.69	3					
	<b>BGE6-2061-612-1</b>	20 Ft. (6.1 m)	99-126 VAC	3.38	1	1.5 HP (1.12 kW)	31,400 Ft <sup>2</sup> (2,917.1 m <sup>2</sup> )	200 Ft. (61.0 m)	50 RPM	315 lbs (143 kg)
	<b>BGE6-2061-623-1</b>		198-264 VAC	3.38	1					
	<b>BGE6-2061-623-3</b>		198-264 VAC	3.38	3					
	<b>BGE6-2061-646-3</b>		400-480 VAC	1.69	3					
	<b>BGE6-2061-657-3</b>		450-660 VAC	1.69	3					
	<b>BGE6-2473-612-1</b>	24 Ft. (7.3 m)	99-126 VAC	3.38	1	1.5 HP (1.12 kW)	45,126 Ft <sup>2</sup> (4,200.7 m <sup>2</sup> )	220 Ft. (73.2 m)	42 RPM	341 lbs (155 kg)
	<b>BGE6-2473-623-1</b>		198-264 VAC	3.38	1					
	<b>BGE6-2473-623-3</b>		198-264 VAC	3.38	3					
	<b>BGE6-2473-646-3</b>		400-480 VAC	1.69	3					
	<b>BGE6-2473-657-3</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 Eagle VI Series Specifications

## BLADES

- Equipped with 6 blades
- Extruded aluminum
- High performance STOL design

## VFD

- NEMA1, IP 10 metal enclosure with hinged door. (NEMA 4x, IP 66 available)
- Factory assembled & programmed
- Minimum start/stop torque loads

## MOTOR

- Totally enclosed, fan cooled (TEFC)
- IP55 rating
- Class F insulation
- 1.5HP (1.12 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

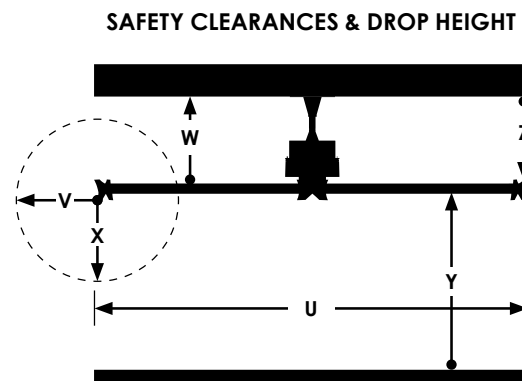
- Equipped with 6 Wingtips
- Constructed of nylon 66
- Redirect outward airflow into downward airflow

## STANDARD LIMITED WARRANTY

- 3 year: Motor & reducer
- 1 year: Electronics
- Lifetime: Blades
- Extended warranties available

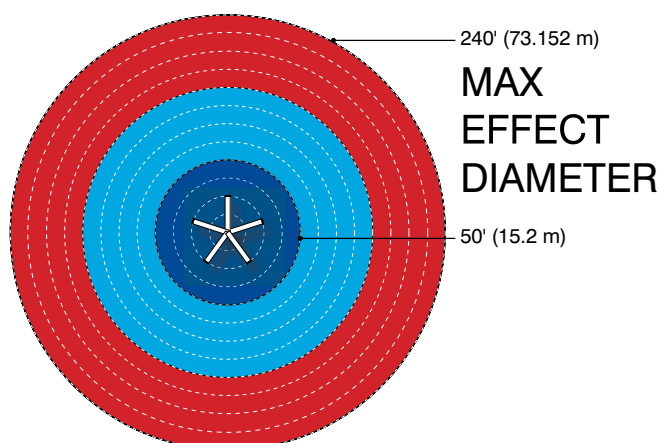
# HVLS Eagle VI Series Safety Clearances & Drop Height<sup>2</sup>

MODEL #	DIAMETER [U]	SIDE [V]	ABOVE [W]	BELOW [X]	MIN. BLADE HEIGHT [Y]	BLADE DROP HEIGHT [Z]
BGE6-1030	10 Ft (4.3 m)	18"	39"	18"	10'	44"
BGE6-1236	12 Ft (4.9 m)	22"	39"	22"	10'	44"
BGE6-1443	14 Ft (5.5 m)	26"	39"	26"	10'	44"
BGE6-1649	16 Ft (6.1 m)	30"	39"	30"	10'	46"
BGE6-1855	18 Ft (7.3 m)	33"	39"	33"	10'	49"
BGE6-2061	20 Ft (6.1 m)	36"	39"	36"	10'	51"
BGE6-2473	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 Eagle VI 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

