



## SUBMITTAL DATA - HVLS CEILING FANS & ACCESSORIES

SUBMITTED BY:	DATE:							
JOB TITLE:	CONTRACTOR:							
ADDRESS:	PHONE #:							
CITY:	ADDRESS:							
STATE/PROVINCE: ZIP/POSTAL CODE:								
	STATE/PROVINCE: ZIP/POSTAL CODE:							
ENGINEER:								
LOCAL REPRESENTATIVE:								

QTY.	MODEL #	FAN DIA.	VOLTAGE RANGE <sup>1</sup>	MOTOR FLA	PHASE	НР	AREA COVERED	MAX EFFECTIVE DIAMETER <sup>2</sup>	MAX SPEED <sup>3</sup>	INSTALLED WEIGHT
	BGE6-1030-612-1	10 Ft. (3.0 m)	99-126 VAC	3.38	1	1.0 HP (0.75 kW)	7,850 Ft² (729 m²)	100 Ft. (30.5 m)	85 RPM	
	BGE6-1030-623-1		198-264 VAC	3.38	1					
	BGE6-1030-623-3		198-264 VAC	3.38	3					223 lbs (101 kg)
	BGE6-1030-646-3		400-480 VAC	1.69	3					
	BGE6-1030-657-3		450-660 VAC	1.69	3					
	BGE6-1236-612-1		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	
	BGE6-1236-623-1		198-264 VAC	3.38	1					
	BGE6-1236-623-3	12 Ft. (3.6 m)	198-264 VAC	3.38	3					235 lbs (107 kg)
	BGE6-1236-646-3	(0.0 111)	400-480 VAC	1.69	3					
	BGE6-1236-657-3		450-660 VAC	1.69	3					
	BGE6-1443-612-1		99-126 VAC	3.38	1				75 RPM	
	BGE6-1443-623-1	14 Ft. (4.3 m)	198-264 VAC	3.38	1					
	BGE6-1443-623-3		198-264 VAC	3.38	3	1.0 HP (0.75 kW)	15,386 Ft <sup>2</sup> (1429 m <sup>2</sup> )	140 Ft. (43 m)		248 lbs (113 kg)
	BGE6-1443-646-3		400-480 VAC	1.69	3	(0.70 KVV)	(1423 111 )	(40 111)		
	BGE6-1443-657-3		450-660 VAC	1.69	3					

BGE6-1649-612-1		99-126 VAC	3.38	1		20,096 Ft <sup>2</sup> (1,867 m <sup>2</sup> )	160 Ft. (48.8 m)	64 RPM	290 lbs (132 kg)
BGE6-1649-623-1		198-264 VAC	3.38	1	-				
BGE6-1649-623-3	16 Ft.	198-264 VAC	3.38	3	1.0 HP (0.75 kW)				
BGE6-1649-646-3	(4.9 m)	400-480 VAC	1.69	3	(U.75 KVV)				
BGE6-1649-657-3		450-660 VAC	1.69	3					
BGE6-1855-612-1		99-126 VAC	3.38	1		25,434 Ft <sup>2</sup> (2,362.8 m <sup>2</sup> )		55 RPM	
BGE6-1855-623-1		198-264 VAC	3.38	1	1.5 HP (1.12 kW)		180 Ft. (54.9 m)		
BGE6-1855-623-3	18 Ft. (5.5 m)	198-264 VAC	3.38	3					303 lbs (138 kg)
BGE6-1855-646-3	(0.0 111)	400-480 VAC	1.69	3					
BGE6-1855-657-3		450-660 VAC	1.69	3					
BGE6-2061-612-1		99-126 VAC	3.38	1		31,400 Ft <sup>2</sup> (2,917.1 m <sup>2</sup> )	200 Ft. (61.0 m)	50 RPM	
BGE6-2061-623-1		198-264 VAC	3.38	1					
BGE6-2061-623-3	20 Ft. (6.1 m)	198-264 VAC	3.38	3	1.5 HP (1.12 kW)				315 lbs (143 kg)
BGE6-2061-646-3	(0.1 111)	400-480 VAC	1.69	3	(1.12 KVV)		(01.0111)		
BGE6-2061-657-3		450-660 VAC	1.69	3					
BGE6-2473-612-1		99-126 VAC	3.38	1					
BGE6-2473-623-1		198-264 VAC	3.38	1			220 Ft. (73.2 m)	42 RPM	
BGE6-2473-623-3	24 Ft. (7.3 m)	198-264 VAC	3.38	3	1.5 HP (1.12 kW)	45,126 Ft <sup>2</sup> (4,200.7 m <sup>2</sup> )			341 lbs (155 kg)
BGE6-2473-646-3	(7.0 111)	400-480 VAC	1.69	3	(1.12 KVV)	(4,200.7 1117)			
BGE6-2473-657-3		450-660 VAC	1.69	3					

 <sup>&</sup>lt;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

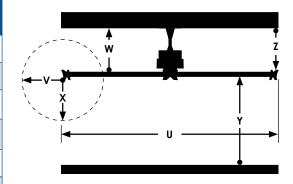
### STANDARD LIMITED WARRANTY

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

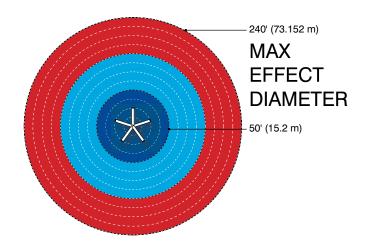
## HVLS Eagle VI Series Safety Clearances & Drop Height<sup>2</sup>

MODEL #	DIAMETER [U]	SIDE [V]	ABOVE [W]	BELOW [X]	MIN. BLADE HEIGHT [Y]	BLADE Drop Height [Z]
BG <b>E6</b> -1 <b>030</b>	10 Ft (4.3 m)	18"	3 <b>9</b> "	18"	10'	44"
BGE6-1236	12 Ft (4.9 m)	22"	3 <b>9</b> "	22"	10'	44"
BGE6-1443	14 Ft (5.5 m)	26"	3 <b>9</b> "	26"	10'	44"
BG <b>E6-1649</b>	<b>16</b> Ft (6.1 m)	3 <b>0</b> "	3 <b>9</b> "	30"	10'	46"
BG <b>E</b> 6-1855	<b>18</b> Ft (7.3 m)	33"	3 <b>9</b> "	33"	10'	49"
BGE6-2061	20 Ft (6.1 m)	36"	3 <b>9</b> "	36"	10'	51"
BG <b>E6</b> -2473	24 Ft (7.3 m)	44"	3 <b>9</b> "	44"	10'	55"

#### **SAFETY CLEARANCES & DROP HEIGHT**



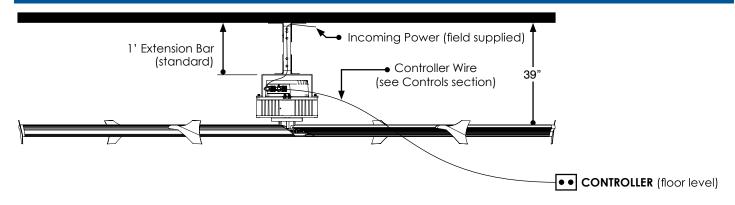
# **HVLS Eagle VI Series Max Effective Diameter**



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

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

# **HVLS Eagle VI Series Installation**



# **HVLS Eagle VI Series Optional Accessories & Upgrades**

QTY.	PART #	#	DESCRIPTION			PTION NOTES														
EXTE	EXTENSION BARS																			
	1002-2	X	Extens	sion Ba	ır		Lowers assembly in 1 ft increments. All models come standard with a 1 ft. extension. Custom lengths up to 10 ft. are available.													ngths
QTY.	1' 2' 3'			4'		5'		6'		7'		8'		9'		10'				
CONT	CONTROLLER TYPES																			
	DP-767.10 Ground Control			Wall mounted control for BACnet & BMS integration. Control multiple fans in groups or individually. Standard offering controls up to 2 fans. Expandable up to 50 fans. Contact factory for expanded options.												lly.				
	BP-76	9.XX	7" AutoPilot 2.0 Controller				7" touchscreen controller supports multiple fans as a stand alone controller or through bacnet & BMS integration. Schedule start & stop run times [XX] = 1-10 fans [10], 1-25 fans [25], 1-35 fans [35].											BMS		
	BP-77	3P-770.XX 10" AutoPilot 2.0 Controller			10" touchscreen controller with temperature control module upgrade. Supports multiple fans as a stand alone controller or through BACnet & BMS integration. Schedule start & stop run times. Includes upgraded module with two (2) temperature probes per controller to allow for automatic summer & winter mode programs. [XX] = 1-10 fans [10], 1-25 fans [25], 1-35 fans [35].												a cludes &			
	DP-77	9	Single Yoke Controller			Includes Fwd/Rev switch and 0-10 speed pot to control fan speed. NEMA 4x enclosure. (qty. 1) 100 Ft. wire factory supplied. One per fan required.														
	DP-78	3	Doubl	e Yoke	Control	ler	Includes Fwd/Rev switch and 0-10 speed pot to control fan speed. NEMA 4x enclosure. (qty 2) 100 Ft. wire factory supplied. One per two fans required.													
	DP-78	7	Triple	ple Yoke Controller  Includes Fwd/Rev switch and 0-10 speed pot to control fan speed. NEMA 4x enclosure. (qty 3) 100 Ft. wire factory supplied. One per three fans required.																
	BP-77	3-XX			Premiei ntroller	r	Operate 1-10 fans in forward/reverse with 0-100% speed control. Mounts to wall or electric gang box. Fully digital interface with password lockout capability. [XX] = 1 fan [01], 2 fans [02], 3-4 fans [04], 5-6 fans [06], 7-8 fans [08], 9-10 fans [10]											box.		
	BP-78	9	UltraL	ite Con	troller		Control each fan individually in the forward direction. Allows operation of the fan for cooling & destratification. Wire to be field supplied One per fan required.													
	BP-77	5	VLD C	ontroll	er		Control each fan individually via an economic digital interface. Wire to be field supplied.													
	DP-79	3	IDFC				Easily mounts to electrical box for controlling each fan individually. Allows operation of the fans in either forward (cooling) or reverse (destratification). Manually control each fan's speed.												ı	
OPTIC	NAL A	CCESS	ORIES																	
	BP-91	3	Purlin	Mount	ing Syst	em	Mount	ing syst	tem for	hanging	g Blue G	iant Fa	ns alon	g purlin	ceiling	braces	(hardwa	are inclu	uded).	
	BP-90	1	230v l	ine Re	actor		Cleans	dirty v	oltage k	oy reduc	cing har	monic o	current a	and trai	nsient v	oltages	Include	es one l	Nema 1	
	BP-90	2	460v L	₋ine Re	actor		enclos													
	BP-32	6	Single	Yoke (	Control	Cover	Add-o include		e yoke d	ontrolle	er to allo	w them	to be p	adlock	ed. Inclu	udes tw	o (2) sh	rouds (I	Lock no	t

NOTE: Refer to the Accessory List for detailed specifications and limitations on any of the above options.



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