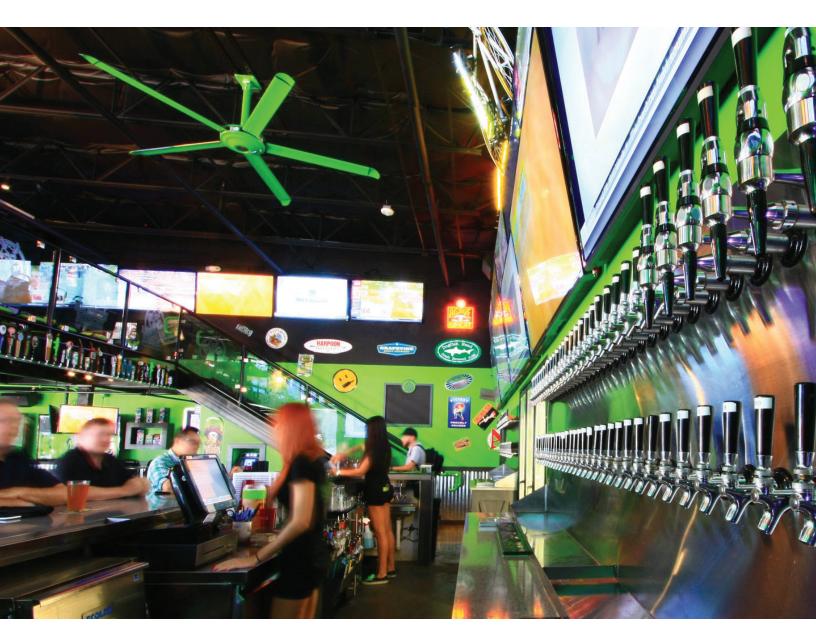
E EPIC FANS APEX COMMERCIAL HVLS FAN



Project Information

Job Name
Address
Distributor

Certified For Construction

Ву	 	 	
Company	 	 	
Date			







PROJECT SUBMITTAL FORM

Quantity and Fan Diameter

6 ft (1.8 m)	8 ft (2.4 m)	10 ft (3.0 m) 12 ft (3.7 m) 14 ft (4.3 m)
Control Options		Mechanical Options
☐ Wired Touch Screen		☐ Mounting ExtensionsFT / M
☐ Multi Fan Remote (2-6) Fans		☐ Silver (RAL 9006)
☐ Slave Remote		☐ Black (RAL 9017)
☐ iFan 4.3 (12 Fans Max/3 Groups Max	X) *120V Power Required	☐ White (RAL 9003)
☐ Temperature Control Option	☐ BACnet TCP/IP	☐ Red (RAL 3002)
☐ Humidity Option		☐ Blue (RAL 5013)
☐ iFan 7.0 (24 Fans Max/4 Groups Ma	X) *120V Power Required	☐ Green (RAL 6016)
☐ Temperature Control Option	☐ BACnet TCP/IP	☐ Orange (RAL 2004)
☐ Humidity Option	☐ BACnet MSTP	☐ Others
☐ iFan 10.0 (30 Fans Max/4 Groups M	(lax) *120V Power Required	☐ Extra Wide Beam Mount
☐ Temperature Control Option	☐ BACnet TCP/IP	☐ Laminated Wood Beam Brackets
☐ Humidity Option	☐ BACnet MSTP	☐ Truss Span Mounting Kit (consult factory)
☐ BMS Interface Card		□ Z-Purlin Mounting Kit (consult factory)
☐ Modbus TCP/IP	☐ BACnet TCP/IP	
☐ BACnet MSTP	☐ Slave Remote	Notes

Voltage □ 120V Single Phase

□ 208 - 240V 1 or 3 Phase

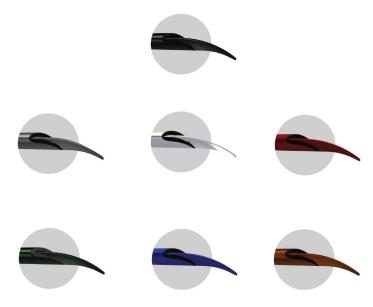
Sizing Chart

	6023470	6023490		
Voltage 230V/1PH 3PH/50 60HZ		120V/1PH/50 60HZ		
FLA	7.4A	4.2A 1PH/2.5A 3PH		
BCPD	10A	5A		
	0.75HP/3.3FLA @	0.75HP/3.3FLA @		
Motor	127V/60HZ	127V/60HZ		
	120V/1PH	230V/1PH		
VFD	1 HP/0.75KW/16.8A	1 HP/0.75KW/16.8A		
0/L	3.3 A	3.3 A		

Available Colors

 ${\sf RAL\ powder\ coat\ colors.\ Custom\ colors\ and\ combinations\ are\ available.}$





APEX COMMERCIAL HVLS FAN

PRODUCT SPECIFICATIONS

HIGH VOLUME LOW SPEED FAN

	General Components								
IГ	Hub Assembly	50,000 lbs. Yield High Tensile Steel							
Z	Motor Housing	.050 3003 Aluminum, Powder coated							
$ \mathbf{z} $	Blades	6063-T6 Aluminum, Powder coated							
	Blade End Winglets	6061-T6 Aluminum, Powder coated							
CONSTRUCTION	Safety Components								
S	Blade Attachment Retainers 50,000 lbs Yield High Tensile St								
၁	Mounting Hardware								
	Standard Mount Versatile 45° Mounting Bracket								
Additional Drop Extensions (Optional) Up to 15 FT - 1 FT increments									

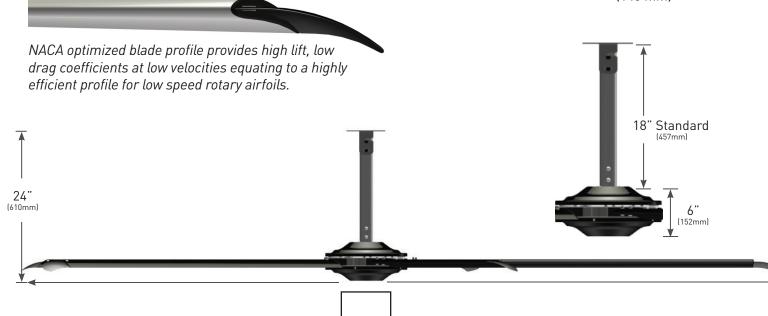
_							
	Source Voltage						
	Standard Power 120V - 230V 1Ø, 230V 3Ø						
	Motor						
	Gearless Direct Drive Motor (AC)						
Z	Controls Module						
0	Remote						
F	Enclosure IP 66 / 0 F - 122 F UL Certified						
Z	UL Certified						
Ш							
OPERATION	Fan Controller						
0	Standard Touch Screen						
	Warranty						
	10-Year Parts, 1 Year Labor						
	10-Year Mechanical						
	5-Year Electrical						
	1-Year Control						

Fan Size	Motor	Hang Weight	RPM
6 FT	1/₃ HP	50 lbs (22.7 kg)	200
8 FT	1/₃ HP	54.5 lbs (24.7 kg)	165
10 FT	1/₃ HP	59 lbs (26.8 kg)	110
12 FT	1/₃ HP	63 lbs (28.6 kg)	80
14 FT	1/₃ HP	65 lbs (29.5 kg)	60

NOTICE

For more complete information on the application, proper use, maintenance and warranties for this product, please go to www.epicfan.com.









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Enter Fan Diameter

APEX COMMERCIAL HVLS FAN

PRODUCT SPECIFICATIONS

HIGH VOLUME LOW SPEED FAN

Fan Size / Impeller Diameter	Calculated % of Max CFM	CFM *Tested to ANSI/AMCA Standard 230-15 HVLS*	Fan RPM	Input Power	Voltage / Phase / Frequency	Input Power W	Direction of Operation (Forward / Reverse)	Stand By Power	Integrated Efficiency (CFM / Watt) Overall Rating = 128.48
6'	100%	16,670	200	240 V / 3 PHASE	240 / 3 / 60	149	FORWARD	4.57 W	111.92
6'	80%	13,072	159	240 V / 3 PHASE	240 / 3 / 60	89	FORWARD	4.57 W	147.71
6'	60%	9,327	118	240 V / 3 PHASE	240 / 3 / 60	58	FORWARD	4.57 W	160.21
6'	40%	5,706	79	240 V / 3 PHASE	240 / 3 / 60	39	FORWARD	4.57 W	147.71
6'	20%	2,498	38	240 V / 3 PHASE	240 / 3 / 60	29	FORWARD	4.57 W	86.68
Fan Size / Impeller Diameter	Calculated % of Max CFM	CFM *Tested to ANSI/AMCA Standard 230-15 HVLS*	Fan RPM	Input Power	Voltage / Phase /	Input Power W	Direction of Operation (Forward / Reverse)	Stand By Power	Integrated Efficiency (CFM / Watt) Overall Rating = 162.09
8'	100%	30,019	160	240 V / 3 PHASE	240 / 3 / 60	252	FORWARD	4.85 W	119.25
8'	81%	23,192	127	240 V / 3 PHASE	240 / 3 / 60	133	FORWARD	4.85 W	174.57
8'	60%	16.868	96	240 V / 3 PHASE	240 / 3 / 60	74	FORWARD	4.85 W	226.87
8'	40%	11,036	63	240 V / 3 PHASE	240 / 3 / 60	43	FORWARD	4.85 W	258.07
8'	20%	5.639	31	240 V / 3 PHASE	240 / 3 / 60	29	FORWARD	4.85 W	196.71
	2070	5,005		240 17 51111152	240/0/00		TORTONIA	4.05 11	130.71
Fan Size / Impeller Diameter	Calculated % of Max CFM	CFM *Tested to ANSI/AMCA Standard 230-15 HVLS*	Fan RPM	Input Power	Voltage / Phase / Frequency	Input Power W	Direction of Operation (Forward / Reverse)	Stand By Power	Integrated Efficiency (CFM / Watt) Overall Rating = 219.84
10'	100%	36.578	109	240 V / 3 PHASE	240 / 3 / 60	218	FORWARD	4.8 W	168.01
10'	80%	27,934	87	240 V / 3 PHASE	240 / 3 / 60	122	FORWARD	4.8 W	229.06
10'	60%	20,631	66	240 V / 3 PHASE	240 / 3 / 60	69	FORWARD	4.8 W	299.73
10'	40%	13,882	44	240 V / 3 PHASE	240 / 3 / 60	42	FORWARD	4.8 W	333.74
10'	20%	7,330	23	240 V / 3 PHASE	240 / 3 / 60	29		4.8 W	253.68
Fan Size / Impeller Diameter	Calculated % of Max CFM	CFM *Tested to ANSI/AMCA Standard 230-15 HVLS*	Fan RPM	Input Power	Voltage / Phase / Frequency	Input Power W	Direction of Operation (Forward / Reverse)	Stand By Power	Integrated Efficiency (CFM / Watt) Overall Rating = 264.06
12'	100%	43,432	80	240 V / 3 PHASE	240 / 3 / 60	218	FORWARD	5.15W	198.74
12'	80%	33,999	64	240 V / 3 PHASE	240 / 3 / 60	121	FORWARD	5.15W	280.50
12'	59%	25,673	49	240 V / 3 PHASE	240 / 3 / 60	70	FORWARD	5.15W	368.11
12'	40%	17,293	33	240 V / 3 PHASE	240 / 3 / 60	41	FORWARD	5.15W	417.38
12'	20%	6,573	15	240 V / 3 PHASE	240 / 3 / 60	25	FORWARD	5.15W	264.24
Fan Size / Impeller Diameter		CFM *Tested to ANSI/AMCA Standard 230-15 HVLS*	Fan RPM	Input Power	Voltage / Phase / Frequency	Input Power W	Direction of Operation (Forward / Reverse)	Stand By Power	Integrated Efficiency (CFM / Watt) Overall Rating = 342.28
14'	100%	47,242	60	240 V / 3 PHASE	240 / 3 / 60	181	FORWARD	4.61 W	260.9
14'	80%	37,376	49	240 V / 3 PHASE	240 / 3 / 60	106	FORWARD	4.61 W	352.68
14'	60%	24,705	35	240 V / 3 PHASE	240 / 3 / 60	51	FORWARD	4.61 W	485.45
14'	40%	17,676	24	240 V / 3 PHASE	240 / 3 / 60	34	FORWARD	4.61 W	515.22
14'	20%	10,814	13	240 V / 3 PHASE	240 / 3 / 60	26	FORWARD	4.61 W	419.71



4Fronts Engineered Solutions certifies that the Commercial model 8'-14' shown herein is licensed to bear the AMCA seal. The ratings shown are based on the tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.

AMCA Certified ratings seal applies at free delivery only. Performance ratings do not include the effects of appurentances (accessories).





ESF-ACHVLS-0321