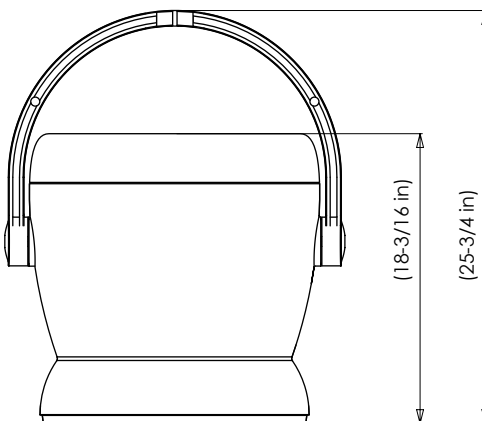


H65 EC Premium Efficiency

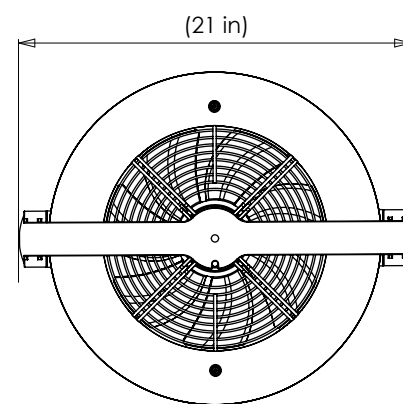
H-SERIES | FOR OPEN CEILINGS UP TO 65' HIGH



Installed View



Side View



Top View

Typical Specifications

De-stratification fan with airflow of 1825 CFM at full speed that operates with a variable speed controllable, electronically commutated (EC) motor. Must have fire resistant enclosure and multifunctional air guide with aerodynamic vanes to tighten the air column and increase throw. Cannot have exposed blades like a traditional ceiling fan. Blades will have a serrated trailing edge and shall be constructed of high-performance composite, uncoated material. Must have integrated motor controller with a wide range of control input options, including 0-10VDC, MODBUS RTU, potentiometer and PWM. Integrated controller shall indicate under / over voltage by LED light and provide status reporting via MODBUS. Must include a 200-pound safe working load main cable attachment system and a separate stabilization / safety tether.

Installation Hardware Included

- > 8' cable with fast-locking Gripple® and attachment hardware. Cable rated at 200 lb. safe working load with a 5:1 safety factor, UL Listed.
- > 12' stabilization tether with fast-locking Gripple and attachment hardware. Cable rated at 100 lb. safe working load with a 5:1 safety factor, UL Listed.

Warranty

- > 2-Year Parts



Selection Table

Model	Volts	Amps	Quantity
H65-EC.____	200-277	2.2	

Color

Model	Color	Quantity
H65-EC.W.____	Off-White <input type="checkbox"/>	
H65-EC.C.____	Custom Colors Available*	

Control Configuration

Model	Description	Quantity
H65-EC.____.MAN	Manual (<i>see options below</i>)	
H65-EC.____.BAS	Building Automation System (<i>see options below</i>)	

Controllers

Model	Description	Quantity
Manual Control Configuration:		
H65-EC.____.MAN <i>Manual Default:</i>	0-10VDC Analog Control	
Additional Manual Control Options:*		
VS-10KPOT	Manual, 10K Potentiometer	
AVS-EC-AUTO	Automatic, User Interface, 2 Temperature Sensors	
BAS Control Configuration:		
H65-EC.____.BAS <i>BAS Analog Default:</i>	0-10VDC Analog Control	
H65-EC.____.BAS.DIG <i>BAS Digital Default:</i>	MODBUS enabled control	
Additional BAS Digital Control Options:*		
AVS-MFTS	Multi-Fan Digital Touch Screen, 2.8" LCD Display	
BAS-MPI	Multiple Protocol Interface BACnet MS/TP, BACnet IP, LonWorks, Metasys N2	
BAS-WCC	Wireless Control Center with Web-Interface	

*Custom Color and Optional Controllers are not included in base price.

H65 EC Premium Efficiency

H-SERIES | FOR OPEN CEILINGS UP TO 65' HIGH

Technical Specifications

Motor

Type	Ziehl-Abegg ECblue® Electrically Commutated (EC)
Drive	Direct Drive
Bearings	Sealed, Lifetime Lubricated
Protection	Thermal Overload Protection

Electrical

Volts	200-277
Hz	50/60
Watts	320
Amps	2.2

Performance

CFM	1825
RPM	2750

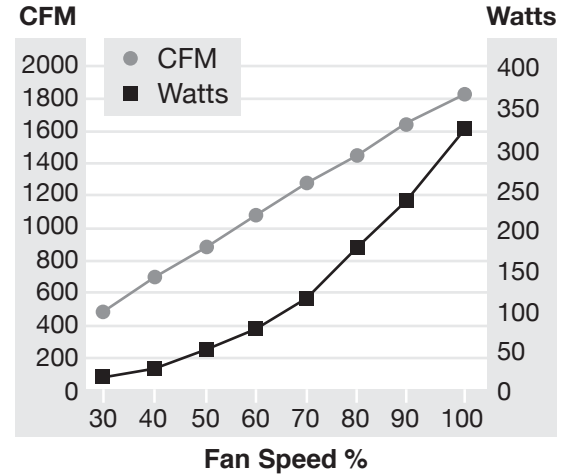
Housing

Type	UV Treated, Flame Resistant Plastic
Construction	Durable Double-Wall
Design	Multifunctional Air Guide with Aerodynamic Vanes
Protection	Intake Safety Grill

Certifications

Sound measurements in accordance with ISO 13347

Fan Speed vs CFM and Power



Sound Level Calculations

Hanging Height	dBa*
40 feet	54.3
50 feet	52.4
65 feet	50.1

*based on non-reflective area

Weight

	LBS	KG
Hanging	30	13.6
Shipping	37	16.8

Project

Comments

Job Name:		Date:	
Job Address:			
City:	State:	ZIP:	
Architect:			
Engineer:			
Contractor:			