

HIGH VELOCITY FANS

ELECTRONICALLY COMMUTATED (EC) MOTOR



YM Yoke Mount
Standard



EC Motor



Optional Speed
Controller Knob

SIZE	CFM	HP	FAN DIMENSIONS			AMPS 115/230/277V	AIR THROW DISTANCE	SHIPPING WEIGHT
			W	D	ID			
14"	2600*	1/2	20"	16"	14.625"	8.0/4.4/3.8	60'	35 lbs
18"	3800*	1/2	24"	16"	19.125"	8.0/4.4/3.8	80'	44 lbs
22"	5570*	1/2	29"	16"	22.5"	8.0/4.4/3.8	100'	49 lbs

FEATURES

Propeller: 3 Blade GalvAlum

Fan Inlet/Outlet: High Impact Polypropylene

Finger Guards: OSHA Compliant Wire Guard

Power Cord: 12' Length

Plug: Three-prong 115V (Standard)

Speed Control Knob: (Optional) Needs shielded 22-gauge 3-conductor wire commonly referred to as signal/alarm wire

Decibels (Full Speed): 14" 63.1 @ 20' - 73.1 @ 3'
18" 65.1 @ 20' - 76.3 @ 3'
22" 66.5 @ 20' - 77.6 @ 3'

Coverage: 14" 1800 ft²

18" 2700 ft²

22" 3600 ft²

Warranty: 2 Years

- Combined single-phase voltages 115-277V AC using automatic power conversion circuitry
- Built-in self-protections: over current, thermal, locked rotor, no-load, over-voltage, under-voltage, failure to start
- Intelligent, programmable motor control
- Multiple speed control options: Potentiometer, 0-10VDC, 4-20mA, PWM, MODBUS
- RS485 Serial Communication with fully Configurable MODBUS parameters
- User Inputs:
 - RSS485 Serial Communication
 - 4 configurable Digital Inputs
 - 1 configurable Digital Output
 - 1 configurable Relay

BENEFITS

- **Auto-adapts:** to line voltage (115V-277V, 50/60Hz) enabling SKU Reduction and ELIMINATES jumper wire or selection switch mistakes
- **High reliability:** backed by a 2-year motor warranty for peace of mind
- **Integrated drive:** saves control panel space and wiring connection costs
- **Power dense & compact:** enabling smaller equipment & space savings
- **Configurable:** offering enhanced flexibility for systems integration

MOTOR

Frame: NEMA 48/56

HP: 1/2

RPM: 300 rpm - 1800 rpm variable speed

Single phase 115V | 208-230V | 277V & Dual Hz (50/60)

Enclosure: TENV, TEAO, & Open Construction

MOUNTS

RM Rack Mount

TC Truck Cooler

CW Column-Wall

PS Portable Stroller

PB Pedestal Base

CS Chain Suspended

BC Beam Clamp

*Subject to change