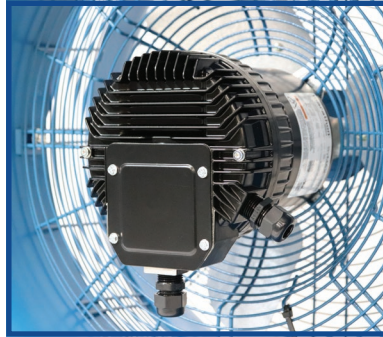


# HIGH VELOCITY FANS

ELECTRONICALLY COMMUTATED (EC) MOTOR



YM Yoke Mount  
Standard



EC Motor



Optional Speed  
Controller Knob

SIZE	CFM	HP	VOLTAGE 115/230/277	FAN DIMENSIONS			AIR THROW DISTANCE	SHIPPING WEIGHT
				W	D	ID		
14"	2600*	1/2	7.0/3.5/2.9	20"	16"	14.625"	60'	35 lbs
18"	3800*	1/2	7.0/3.5/2.9	24"	16"	19.125"	80'	44 lbs
22"	5570*	1/2	7.0/3.5/2.9	29"	16"	22.5"	100'	49 lbs

## FEATURES

**Propeller:** 3 Blade GalvAlum  
**Fan Inlet/Outlet:** High Impact Polypropylene  
**Finger Guards:** OSHA Compliant Wire Guard  
**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 ft<sup>2</sup>  
 18" 2700 ft<sup>2</sup>  
 22" 3600 ft<sup>2</sup>

**Warranty:** 2 Years

**Plug/Cord:** Available Upon Request

- 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 (110V-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