

Go green

**HIGH EFFICIENCY
EC MOTORS**

**up to
70% ENERGY SAVINGS
with EC Motors**

Available with



PERFECTSPEED EC VENTILATION MOTOR

with User Interface for Speed Control High Efficiency

Commercial Ventilation and other air moving applications.

FEATURES

MOTOR

- High Efficiency EC Motor
- Open Air Over
- Efficiency: up to 82%
- Frame: NEMA 48
- Motor output is indicated via a 7 segment LED
- Constant Speed is standard, but also available as Constant Torque
- EC Motor offers true variable speed operation and up to 70% energy savings over PSC motors.
- Reverse rotation available on request.

USER INTERFACE

- 0-10 VDC remote or on-board potentiometer
- LED display indicates RPM and percent of demand
- Powered off any line voltage from 120/208-230 V
- No separate transformer required
- 300-RPM minimum speed
- Optional remote potentiometer allows control from up to 100' away
- User Interface can be mounted directly to motor or remote mounted within unit enclosure.
- Vertical or horizontal mounting to a standard receptacle box using mounting holes provided
- Adjust motor speed by using the on-board or a user-supplied external potentiometer



MODEL NUMBER	HP	RPM	VOLTS	AMPS	HZ	SHELL LENGTH	SHAFT LENGTH	SHAFT DIAMETER	TOTAL LENGTH	SHIP WT. (LBS)
40049	1	300-1800	120/208-230V	10.2/8.1-6.1	50/60	4.5"	4.5"	0.5"	13.5"	18
40048	3/4	300-1800	120/208-230V	8.8/7.6-5.2	50/60	4.5"	4.5"	0.5"	13"	18
40047	1/2	300-1800	120/208-230V	5.6/4.5-3.2	50/60	3.5"	4.5"	0.5"	12"	12
40046	1/3	300-1800	120/208-230V	4.4/3.0-2.6	50/60	3.5"	4.5"	0.5"	12"	12
40050	1	300-1200	120/208-230V	11.5/7.9-6.9	50/60	4.5"	4.5"	0.5"	13.5"	18
40051	1/2	300-1200	120/208-230V	6.2/4.5-3.9	50/60	3.5"	4.5"	0.5"	12"	12