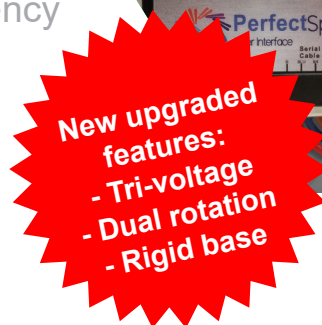


RESCUE® PerfectSpeed® ECM Ventilation Motor

with User Interface for Speed Control High Efficiency



- Enhances RESCUE PERFECTSPEED ECM capabilities by providing onboard or remote speed adjustment
- User Interface provides precise control of the RESCUE PERFECTSPEED ECM
- Onboard speed adjustment allows simple set-up and balancing in air moving systems
- 0-10V input compatible with common HAC and building management systems



Product Overview

The PERFECTSPEED User Interface expands the capabilities of PERFECTSPEED EC motors by providing greater control and flexibility. The User Interface allows direct control of the motor via an onboard pot or remote potentiometer. The User Interface can also control the PERFECTSPEED motor via a common 0-10V input. The User Interface can be mounted directly to the motor or remote mounted within the equipment.

Key Features and Benefits

- Up to 82% efficient, 30% better than common PSC motors
- 0-10VDC or onboard potentiometer
- LED display indicates speed and percentage of demand
- User Interface mounted directly to the motor or remote mounted within the unit enclosure
- Optional remote potentiometer (customer supplied) allows control from up to 3' away



Product Specifications

Horsepower: 1/3 - 1 HP

Voltage: 1Ø, 115/208-230-277

Speed: 1200 or 1800 / Var RPM

Inputs: 0-10VDC, remote potentiometer or onboard pot

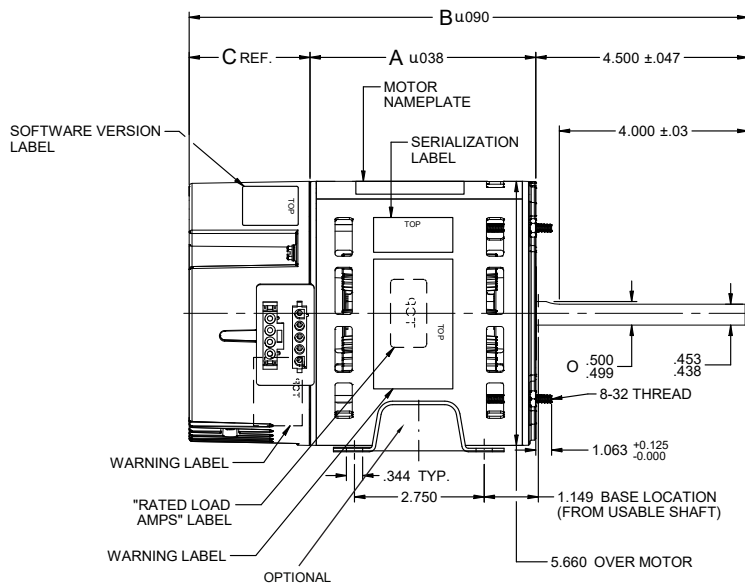
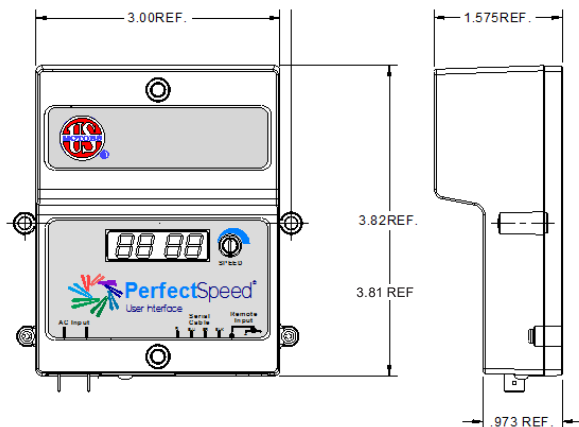
Operation Mode: Constant Torque

Frame: NEMA® 48

Enclosure: Open Air Over (OAO)

Mounting: Belly Band/Stud Mount or Rigid Base





RIGID BASE									
CATALOG NUMBER	HP	RPM	VOLTS	AMPS	HZ	ROTATION	DIM. A	DIM. B	DIM. C
B8630UI	1/2-1/3	1200/VAR	115/208-230	6.4/4.0-3.8 & 6.4/4.0-3.8	60 & 50	CW LE REV	4.787	11.350	2.063
B8650UI	1-3/4	1200/VAR	115/208-230	12.1/7.6-7.1 & 12.1/7.6-7.1	60 & 50	CW LE REV	4.787	11.850	2.563
B8430UI	1/2-1/3	1800/VAR	115/208-230	6.8/4.2-4.1 & 6.8/4.1-4.1	60 & 50	CW LE REV	4.787	11.350	2.063
B8450UI	1-3/4	1800/VAR	115/208-230	11.1/6.7-6.6 & 10.9/6.6-6.7	60 & 50	CW LE REV	4.787	11.850	2.563

BELLY BAND / STUD MOUNT									
CATALOG NUMBER	HP	RPM	VOLTS	AMPS	HZ	ROTATION	DIM. A	DIM. B	DIM. C
8652UI	1-3/4	1200/VAR	115/208-230-277	12.0/7.5-7.1-6.2 & 12.0/7.6-6.9-6.2	60 & 50	CW LE REV	4.787	11.85	2.563
8642UI	3/4-1/2	1200/VAR	115/208-230-277	9.4/5.9-5.6-4.8 & 9.4/6.0-5.6-4.9	60 & 50	CW LE REV	4.412	11.475	2.563
8632UI	1/2-1/3	1200/VAR	115/208-230-277	6.6/4.2-3.9-3.4 & 6.5/4.2-3.9-3.4	60 & 50	CW LE REV	4.037	11.1	2.563
8452UI	1-3/4	1800/VAR	115/208-230-277	11.1/6.7-6.6-6.0 & 10.9/6.6-6.7-6.0	60 & 50	CW LE REV	4.412	11.475	2.563
8442UI	3/4-1/2	1800/VAR	115/208-230-277	8.8/5.4-5.2-4.7 & 9.0/5.4-5.2-4.7	60 & 50	CW LE REV	4.037	11.1	2.563
8432UI	1/2-1/3	1800/VAR	115/208-230-277	6.3/4.1-3.7-3.4 & 6.3/4.1/3.8-3.4	60 & 50	CW LE REV	3.662	10.725	2.563

RESCUE® PerfectSpeed® ECM Ventilation Motor

- User Interface can be mounted directly to the motor control or remotely, providing easy access.
- Vertical or horizontal mounting to a standard receptacle box using mounting holes provided.
- Adjust motor speed by using the onboard potentiometer or a user-supplied external potentiometer.
- Powered off any line voltage from 115V-277V no separate transformer required.
- User Interface display alternates between motor speed and input demand.

