



## endura<sup>PRO</sup>

The Endura PRO features a constant torque 48 frame ECM that serves as a smart alternative to the original X13. The Endura PRO high moisture design is a direct drop-in replacement for X13 with enhanced moisture robustness\* beyond that of X13. All applications featuring the X13 will now use the Endura PRO motor.

### SPECIFICATIONS

- Variable speed, constant torque, brushless DC motor
- 115V, 208-230V, and 277V AC single-phase input, 50/60Hz
- Designed for direct-drive blower applications
- Available in 1/3, 1/2, 3/4 and 1HP ratings
- Operating speed range of 600-1100 rpm
- NEMA 48-frame
- UL and cUL recognized component

### APPLICATIONS

- Residential HVAC furnace and air handlers
- Commercial variable air volume (VAV)
- Fan filter units (FFU)
- High -moisture ECM design is ideal for high humidity applications such as pull-through (coil before blower) air handlers and package units\*

\* Endura PRO motor-level test results predict extended life when compared to X13 in high moisture environments. However, motor-level testing cannot substitute for customer's qualification testing of the motor in the end-use equipment to assess suitability for particular applications and environments.

\*\* Efficiency is measured at rated horsepower and RPM and may vary according to static pressures in end application.

### FEATURES

- Speed operation from 600-1100 rpm
- Up to five selectable constant torque settings controlled by 24VAC inputs
- Same connector block as original X13
- Upgrade: Motor and controls designed for improved reliability compared to X13 in high moisture environments\*
- ECM Toolbox-based programming software

### BENEFITS

- Designed for extended life beyond that of X13 in harsh, moist environments\*
- Efficiency up to 80%\*\*
- Drop-in replacement for X13
- Replacement controls available
- Application simplicity – Import X13 into Endura PRO programs in ECM Toolbox
- Constant torque providing less static pressure limitations than PSC
- Programmed off delay
- Up to 33% greater efficiency than PSC at rated speed
- Up to 200% greater efficiency than PSC in constant fan mode
- Ideal to meet needs of 13 & 14 SEER

1946 West Cook Rd  
Fort Wayne, IN 46818  
PH: 260-416-5400  
FAX: 260-416-5499

[thedealertools.com](http://thedealertools.com)

©2013 Regal-Beloit Corporation

A Regal Brand

**REGAL**

[www.regalbeloit.com](http://www.regalbeloit.com)