

# ECM

## *Electronically Commutated Motor*



### Benefits:

- Environmental Friendly, Low Emission Level
- Greatly Improved Efficiency
- Drop in Replacement Available
- Longer Motor Life
- Competitive Price Market can Afford

### Applications:

Great for HVAC Applications, Air Handlers, Gas Furnaces, Unit Coolers, Evaporators and Dehumidifiers

### BLDC Series

- Alternative for unit bearing & PSC motor
- Average 30~35% higher efficiency than PSC motor
- Speed control function
- Speed regulation 0~65V PWM
- Both AC and DC input available
- Output power: up to 100W
- Motor diameter: 90~127mm

### Condensing Motor Series

- Drop in replacement for condensing motor (shaded pole/PSC)
- Average 30~ 40% higher efficiency than shaded pole
- Over and under voltage protection available
- AC input
- Output power: up to 25W

### Outer Rotor Series

- High efficiency
- Low energy consumption
- Speed regulation 0~10V PWM
- Both AC and DC input available
- Integrated driver available for DC input
- Output power: up to 90W
- Motor diameter: 54~102mm

### NEMA Series

- NEMA 42 and NEMA48 frame size available
- Speed regulation 0~10V PWM with speed set
- Power input: 310VAC
- Max. efficiency: 83.5%
- Rated output power: 1/4HP, 1/3HP, 1/2HP, 3/4HP
- Constant speed and constant torque



Telco Intercontinental Corp.

9812 Whithorn Drive, Houston, TX 77095

Tel: (281) 855-2218 Email: [motors@telcointercon.com](mailto:motors@telcointercon.com) Web: [www.telcointercon.com](http://www.telcointercon.com)

