

# ECOAPEX™ 56 EC Condenser Fan Motor

## High Efficiency for Commercial Refrigeration Condensers



- High efficiency ECM lowers energy usage, especially at partial output
- Precise airflow control improves overall system efficiencies
- Reduced system complexity and/or cost compared to conventional VFD driven systems
- Easy integration into existing air cooled condenser designs
- Interface board simplifies setup, eliminates need to program each motor



### Product Overview

The ECOAPEX™ 56 motor is a high efficiency Electronically Commutated Motor variable speed motor for use in air-cooled condenser applications, providing the high efficiency and precise airflow control required in commercial refrigeration and HAC condenser systems. The ECOAPEX™ 56 motor available as a 3 phase, 208-230VAC or a 3 phase, 460VAC configuration and output is controlled a 0-10V input common to commercial refrigeration and HAC systems.

### Key Features and Benefits

- ECM design provides high efficiency over broad RPM range
- Totally enclosed air-over design with integrated motor control
- Onboard interface board allow easy setup at installation without need for separate programming
- Horizontal or shaft up mounting
- Active power factor correction

### Specifications

**Horsepower:** 1 ½, 2 ½ HP

**Voltage:** 3Ø, 230V or 460V

**Speeds:** 300 - 1200 / 300 - 900 RPM

**Inputs:** 0-10V or 10-0V

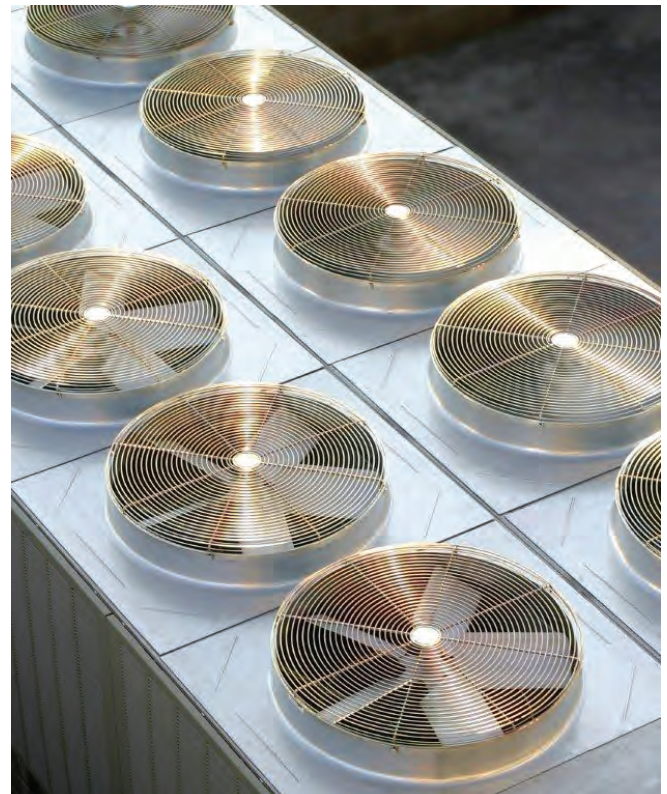
**Operation Modes:** Constant Speed

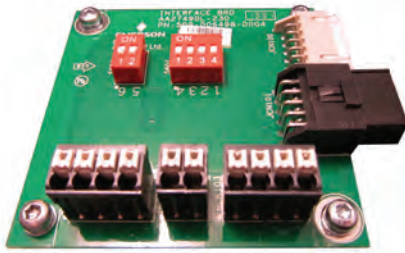
**Frame:** 56Y

**Enclosure:** Totally Enclosed Air Over (TEAO)

**Efficiency:** 85%

**Mounting:** Rigid Base, Horizontal or Shaft Up Orientation



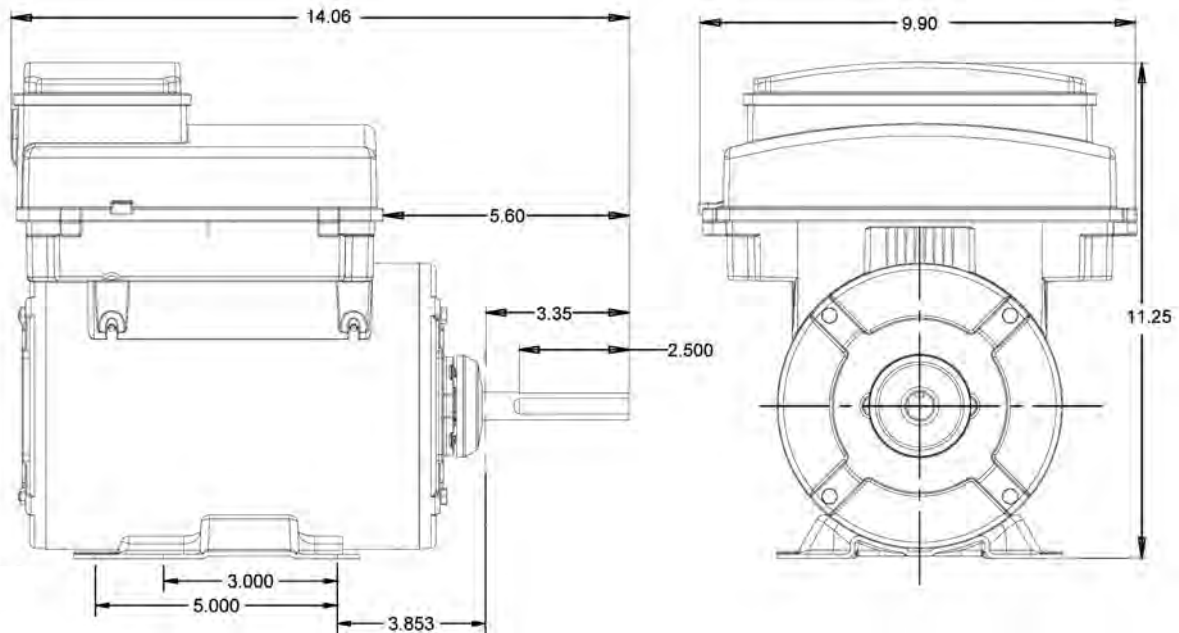


Onboard interface board provides motor setup without need for separate programming. Allows setting of direction, max output and easy connection of signal inputs



Totally enclosed air over designed for shaft up and horizontal mounting.

### Dimension Print



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