

## ECM Motorized Impellers



### Motor Features

#### Motor Life:

- Ball bearing design ensures long life and low friction at high temperatures

#### Motor Safety

- All standard motors are UL approved
- Additional agency approvals available including TUV/CE
- Standard models constructed to IP54 rating

#### Motor Construction

- Rotor body available in natural finish or black painted metal
- Stator covers cast aluminum for durability
- Variety of Material options for impellers available including PA66

#### Motor Mounting

- Mounting stator side via tapped holes in casting
- Blower can be mounted using outlet flange holes or holes near blower inlet

#### Control and Operation

- Leads or custom connectors
- Integrated control and programming capability allows for multiple speeds per model
- Motors can be designed to run off DC or AV voltage

#### Insulation System

- Class B or F on standard models

#### Additional Components

- Axial fans available with grille fan guard and capacitor/wiring box with strain relief
- Centrifugal blowers available with or without blower housing

### Motor Specifications

Fan Configuration	Diameter (mm)	Voltage AC	Voltage DC	Frequency (Hz)	Input Power (Watts)	Insulation Class	Bearing Type	Impeller Material	Shaft Material	Speeds Agency	Agency
Axial	300-500	115-230	—	50, 60	33-1300	B or F	Ball Bearing	Sheet Steel (Black)	Stainless, or High Carbon Steel	Single or Dual	UL, CE
Centrifugal	133-160	115-230	24-48	50, 60	67-520	B or F	Ball Bearing	Sheet Steel (Black or Galvanized)	Stainless, or High Carbon Steel	Single or Dual	UL, CE
Backwards Incline	175-230	115-230	24-48	50, 60	40-500	B or F	Ball Bearing	PA66, Steel, Aluminum	Stainless, or High Carbon Steel	Single or Dual	UL, CE

