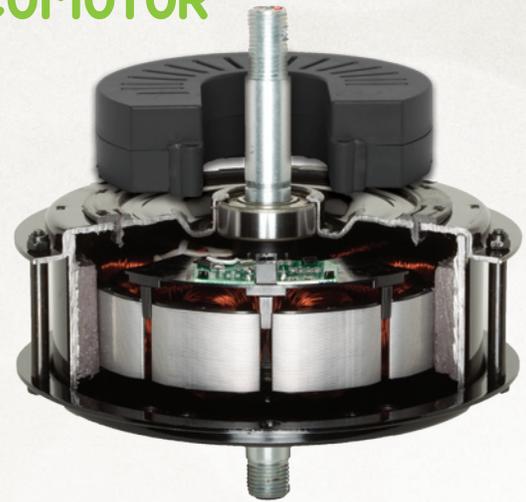


# Why The Emerson EcoMotor®?



**ECOMOTOR®**



6-speed LED hand held or wall control supplied with every Emerson EcoMotor Fan



## • Saves up to \$100 in Energy Costs over 18 months\*

### • Up to 3 times more efficient than typical ceiling fan motors

Emerson's EcoMotor® uses permanent magnets instead of energized copper windings; this consistently charged magnetic field allows the EcoMotor® to perform optimally, using 3 to 5 times less electricity than standard alternating current (AC) motors. Meaning, it moves 3 times the air per watt than a typical AC motor.

### • Uses a maximum of 33 watts of energy

Emerson's EcoMotor® is driven by three Direct Current inputs from the integrated microprocessor controller, as compared to one electrical input on AC motors. This reduces energy loss, which allows the motor to operate while consuming less energy.

## • Lasts Longer than Fans with AC Motors

### • Runs Cooler

Because of its unique engineering, the Emerson EcoMotor® runs much cooler than equivalent AC motors. This cool operation leads to longer bearing life and increased efficiency.

### • More Dependable

Emerson's EcoMotor® utilizes a microprocessor to control the fan's operation which eliminates the need for potentially faulty capacitors allowing for a long, trouble-free motor lifespan.

## • Runs Quieter and Comes with a 6-Speed Control

### • Virtually Noise Free Motor

The DC motor lacks the sinusoidal wave noise of an AC motor. The simplified, compact construction of the Emerson EcoMotor® allows it to be acoustically quiet, virtually eliminating motor noise.

### • Emerson's Best Controller Comes Standard

Every Emerson EcoMotor® fan comes equipped with our finest 6-speed Control. 6 speeds make it easier to find the perfect level of air movement for ideal comfort. Emerson's 6-speed controls also feature a reverse button (vs. a manual switch on the housing) which allows easy control for reversed air circulation, desirable in winter months.

### • Can Adapt to blade spans from 52" to 72"

Because of the integrated optic sensor, the EcoMotor® is able to recognize and automatically adjust its RPM to accommodate to any blade span; this allows the motor to set the optimal 6 speeds at which to operate for the blade design chosen while providing a broad selection of blade options to the consumer.

## Did You Know You Can Save \$100?

- Emerson EcoMotor® Fans can save you up to \$100 in energy costs over 18 months.  
\*Based on full usage. Average U.S. costs per kilowatt-hour as reported by the E.I.A.



Avant Eco

7985.2 CFM    31.1 Watts    256.8 CFM/W



Carrera Grande Eco

7929.8 CFM    29.88 Watts    265.4 CFM/W



Midway Eco

6085.3 CFM    18.09 Watts    336.4 CFM/W



Luxe Eco

6974 CFM    33 Watts    210 CFM/W



*moving air in style.*