ECM Fan Control
For EC Motors Programmed for Speed Control

THE MOST ENERGY EFFICIENT CONTROLLER IN THE INDUSTRY

ECM Fan Motor Control
Model FCX - for EC motors programmed for speed control applications

The GreenWize Advantage

- ENERGY COST SAVINGS UP TO 90%
  Motor operating costs of high speed vs. operating cost of low speed
- ECM FAN CONTROLLER REDUCES BTU's
  When fan controls are used, case studies show a reduction in duty cycle
- CONTROL MULTIPLE EVAP COILS
  GreenWizeFCX is capable of controlling multiple evaporator coils that share a common solenoid. Substantially saving equipment costs
- ENERGY REBATES
  GreenWizeFCX is widely accepted where energy efficiency rebates are offered
- “GO GREEN”
  GreenWizeFCX offers a simple solution for retailers to do their part in participating in energy reducing measures

The GreenWizeFCX Fan Control System utilizes state-of-the-art technology to control the fan speed when the evaporator coil is not calling for refrigerant. This allows for significant energy savings as the ECM driven fans use a fraction of the energy when operating at a lower speed. Keeping the fan turning during non-refrigeration periods allows for consistent temperatures in the refrigerated area and eliminates air temperature stratification.

Specifications
Type of Service: 120-277 VAC
Dry Contact Input: 50mA @ 240 VAC Max

Output: 120-208 VAC
Length: 4.56” (11.58 cm)
Width: 2.75” (6.99 cm)
Depth: 2.25” (5.72 cm)
Weight: 12.8 Ounces
Enclosure: Weatherproof
Operating Temp: -30 to 140 Degrees F
Wiring: Black - L1(120/240V)
        White - N (120V)/L2 (240V)
        Red - Switch Leg (Signal to EC Motor)
        Yellow - Thermostat
Refrigeration Coil

Greenwise FDX Installation Wiring Diagram

1. Control FDX lead to T-Stat
2. Control FDX from T-Stat
3. Line-side power to T-Stat
4. Load-side power from T-Stat
5. Each EC Motor signal wire to EC Motor
6. L1 to power supply for fans
7. L2 or N from power supply for fans

Greenwise FDX Fan Control