ECM Fan Control
For EC Motors Programmed for Speed Control

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**
  GreenWizeFCXVDC is capable of controlling multiple evap coils that share a common solenoid. Substantially saving equipment costs

- **ENERGY REBATES**
  GreenWizeFCXVDC is widely accepted where energy efficiency rebates are offered

- **“GO GREEN”**
  GreenWizeFCXVDC offers a simple solution for retailers to do their part in participating in energy reducing measures

**Specifications**

**Type of Service:** 120-277 VAC

**Dry Contact Input:** 50mA @ 240 VAC Max

**Output:** 10 VDC

**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
- Black/Black w/white dash - Low voltage to Orange Motor

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

The GreenWizeFCXVDC 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.

GreenWize
Energy Solutions

GreenWize FCXVDC offers a simple solution for retailers to do their part in participating in energy reducing measures.
Refrigeration Coil

- Load-side power from T-Stat lead to FCX Control
- T-Stat lead from FCX Control
- GreenWize FCX DC Installation Wiring Diagram

Orange Motor:
- White wire to brown wire on Orange Motor
- Solid black wire to white wire with white dashes on Orange Motor

EC Motor:
- Wires to each voltage signal wire to each EC Motor

L1 to power supply for fans
L2 or N from power supply for fans