

ECM Fan Control

For EC Motors Programmed for Speed Control



THE MOST ENERGY EFFICIENT CONTROLLER IN THE INDUSTRY



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



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.

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)

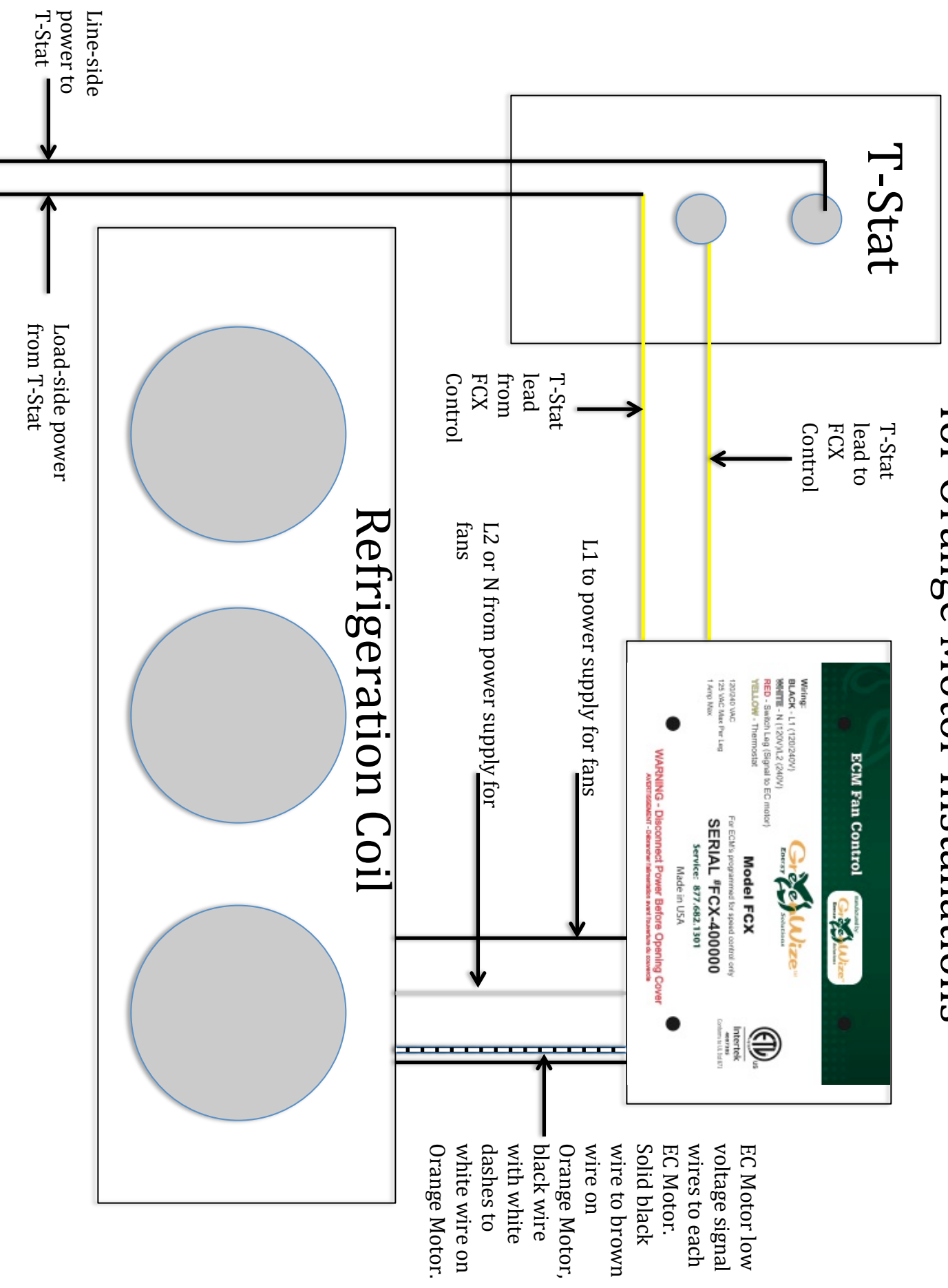
Red - Switch Leg (Signal to EC Motor)

Yellow - Thermostat

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



GreenWize FCXVDC Installation Wiring Diagram for Orange Motor Installations



EC Motor low voltage signal wires to each EC Motor. Solid black wire to brown wire on Orange Motor, black wire with white dashes to white wire on Orange Motor.