

Electronic Temperature Controls

Electronic Temperature Control (ETC)

These controls offer a full-featured electronic replacement for electrical-mechanical temperature controls used in many commercial refrigeration applications. With its wide temperature range, one and two stage capability, selectable heating/cooling modes and multi-voltage input, the ETC is designed to provide application flexibility. Models available include 120/208-240V AC and 24V AC.

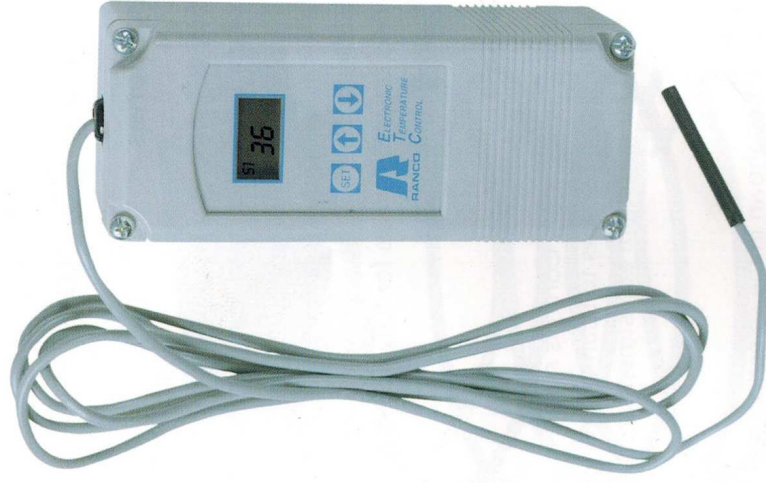
Features

- Wide temperature range (-30°F to 220°F)
- Wide differential adjustment (1°F to 30°F)
- LCD read-out for sensor temperature, control settings, and relay status
- High amp output relay (FLA 16 amps @ 120V and 8 amps @ 208/240V AC) single stage
- EEPROM memory retains control settings during power outages
- Keypad lockout to prevent end-user alteration of settings
- Extendable 8 feet lead with sensor up to 400 feet using 18 or 22-gauge thermostat wire
- Easy 4-step set-up
- Heavy-duty relay 1 HP rated
- Selectable °F or °C heating/cooling modes
- Single and two stage models
- NEMA 1 case and cover
- NEMA 4X models available

Applications

- Walk-in and reach-in refrigerators
- Milk coolers
- Refrigerated display cases
- Staging heating/cooling

UL LISTED Product **cULus** Certified Product



Relay Electrical Ratings

Single Stage Models			Two Stage Models	
120V	208/240V	NO Contact	120V	208/240V
16A	8A	Full-load amps	9.8A	4.9A
96A	48A	Locked rotor amps	58.8A	29.4A
15A	8A	Resistive amps	9.8A	4.9A
1 HP	1 HP	Horsepower	1/2 HP	1/2 HP
208/240V			120V	
5.8A	2.9A	Full-load amps	5.8A	2.9A
34.8A	17.4A	Locked rotor amps	34.8A	17.4A
5.8A	2.9A	Resistive amps	5.8A	2.9A
1/4 HP	1/4 HP	Horsepower	1/4 HP	1/4 HP

ETC Series Specifications

Part Numbers	Voltage	Stage
ETC-111000-000	120/208/240V AC	1
ETC-112000-000	24V AC	1
ETC-211000-000	120/208/240V AC	2
ETC-212000-000	24V AC	2