



Single & Duel SET  
Cooling Controller

# Heating and Cooling Controller

ESM-3711-CN ESM-3712-CN



- ▶ 3 Output for compressor, defrost and fan controls
- ▶ Separately adjustable 2 offset value for cabinet and evaporator sensor

- ▶ Operation selection of compressor operate continuously, stops or operates periodically in case of cabinet probe defect
- ▶ Fan can be operated depending on compressor and defrost

### Specifications

- Cooling Application
- NTC Input or PTC Input (Must be determined in order.)
- ON/OFF Control
- Adjustable °C and °F
- Set value boundaries
- 2 sensor input for cabinet and evaporator
- Configurable digital input
- Selectable defrost function (hot gas or electric)
- Adjustable defrost time from front panel
- Fan can be operated depending on evaporator temperature or (cabinet-evaporator) temperature
- Defrost time and/or manual defrost and/or temperature set value protection
- Installing parameters using Prokey
- Remote access, data collecting and controlling with ModBus RTU
- Password protection for programming mode

### Technical Specification

- Accuracy:** ±1% of scale
- Sensor Break Protection:** Upscale
- Sampling Cycle:** 3 samples per second

