

# Emerson® Electronic Unit Controller for Copeland® condensing units



## Key Benefits

- Quick and easy setup
- Improved set point accuracy
- Enables multi-refrigerant product
- Troubleshooting diagnostics
- Added system safeguards

## Key Functions

- Controls unit based on suction pressure
- Fan cycling with mid coil temperature\*
- Discharge line protection\*

\*Feature dependent on system design

# Quick Setup Guide

## Adjusting Low Pressure Settings

- Hold DOWN and SET simultaneously for 3 seconds to enter menu (PSI light will flash) ▼ + SET
- Cycle through menu options – UP/DOWN ▲ ▼
- Select function – SET SET
- Adjust value – UP/DOWN ▲ ▼
- Store function - SET SET
- Exit menu - UP and SET ▲ + SET



Low Pressure Cut-In



Low Pressure Cut-Out

## Accessing Alarm Code Information

- Press and release ALARM 📖
- Cycle through menu options – UP/DOWN ▲ ▼
- Press SET to see number of alarms SET
- Press SET again to return to menu options SET
- Exit menu - UP and SET ▲ + SET

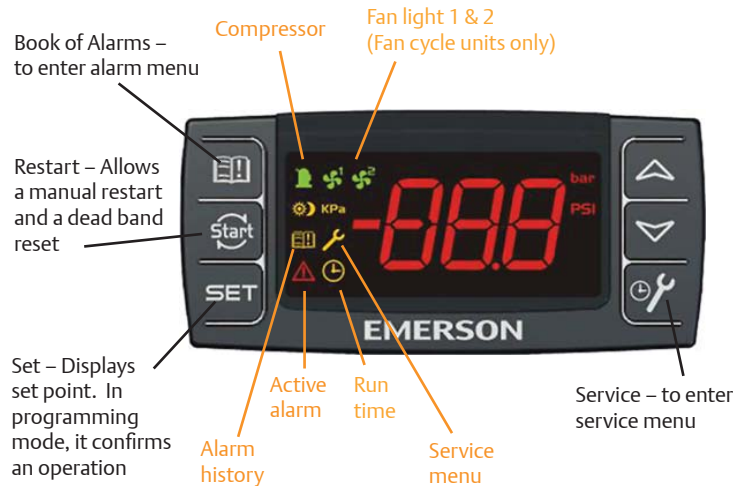
Alarm	Description
PoF	Keypad locked
Pon	Keypad unlocked
P1	Suction probe failure
P2	Condenser probe failure
P3	DLT probe failure
HA	High condenser temperature alarm
dLt	DLT temperature alarm
dLL	DLT lock alarm
HP	High pressure trip alarm
HPL	High pressure trip lock-out alarm
EE	Module Failure
LOC	Number of lock-outs

Note: After 15 seconds of inactivity the controller will revert to the default display.

For more information visit [EmersonClimate.com/electronicunitcontroller](http://EmersonClimate.com/electronicunitcontroller)

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When light is on, feature or component is on or active

## Accessing Service Menu

- Hold SERVICE for 3 seconds 🔧
- Cycle through menu options – UP/DOWN ▲ ▼
- Press SET to see number of alarms SET
- Press SET again to return to menu options SET
- Exit menu - UP and SET ▲ + SET

Code	Description
StH	CompressorStarts -1000 -999999
StL	Compressor Starts -0 -999
CHH	CompressorHours -1000 -999999
CHL	Compressor Hours -0 -999
F1H	Fan 1 Hours -1000 -999999
F1L	Fan 1 Hours-0 -999
F2H	Fan 2 Hours -1000 -999999
F2L	Fan 2 Hours -0 -999

Example: If StH=12 and StL=500, the total number of compressor starts=12,500