

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*



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 

Adjust value – UP/DOWN  

Store function - 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  

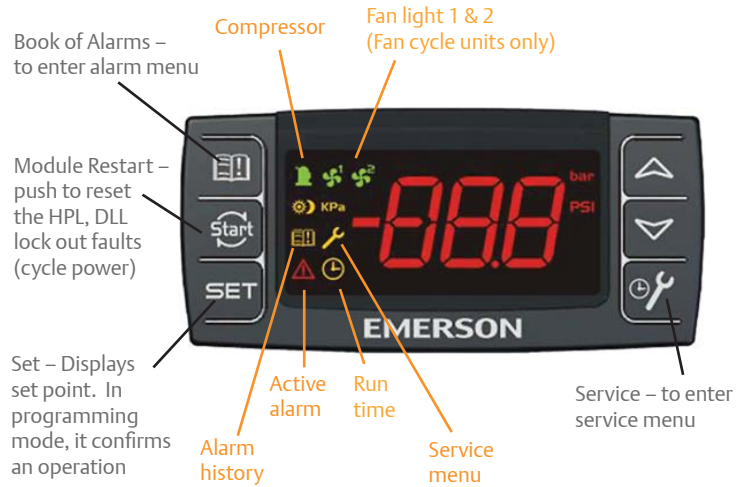
Press SET to see number of alarms 

Press SET again to return to menu options 

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.



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 

Press SET again to return to menu options 

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	Fand 2 Hours -0 -999
Example: If StH=12 and StL=500, the total number of compressor starts=12,500	