

Date: 12/03/2018

Subject: DVM S Eco Compressor Pre-Heating

Models: AM0\*\*FXMDCH/AA, AM060MXMDCH/AA, AM0\*\*NXMDCR/AA, AM0\*\*TXMDCH/AA

## DVM S Eco Compressor Preheating Protection Logic

Upon applying initial power to some DVM S Eco outdoor units, or after a long duration in a powered-off state, the outdoor unit will display "Ch" on the main PCB under certain conditions for system protection.

### Conditions of compressor preheating protection logic:

- Outside temperature is lower than 32°F (0°C)  
and  
Compressor top temperature is < outside ambient temperature + 63°F (35°C)  
(Example: OA 17°F(-8°C), compressor top temperature must be higher than 80°F (27°C) or "Ch" will be displayed.)
- System protection logic is released after a duration of 2.5 hours.
- This is preprogrammed logic to protect the compressor from damage. There is not a way to override this protection.

