

SERVICE BULLETIN

Subject: Design Change to CM³ Service Controller

The service controller for all CM³ models has been changed. The change is to the fan cycling program used on the SCE275 air cooled. All other features remain as before, and no other model is affected.

CM³ models cycle the fan(s) when in low ambient conditions to keep the discharge pressure up. Under circumstances of increasing room temperature, SCE275s with a high pressure cut out (added in 2007) may experience discharge pressures during fan cycling high enough to trip the cut out, causing the controller to shut down on maximum freeze. When that occurs the refrigeration light will be on steady.

The controller changes at what temperature the fans will cycle and how long they will cycle.

The new fan cycling discharge temperature threshold is 132°F., down from 142°F. If the fans cycle, they will be on for 40 seconds and off for 20, instead of 30 on and 30 off. This will keep the discharge pressure from increasing past the cut out point of the high pressure cut out.

The new part number is **12-2838-24**.