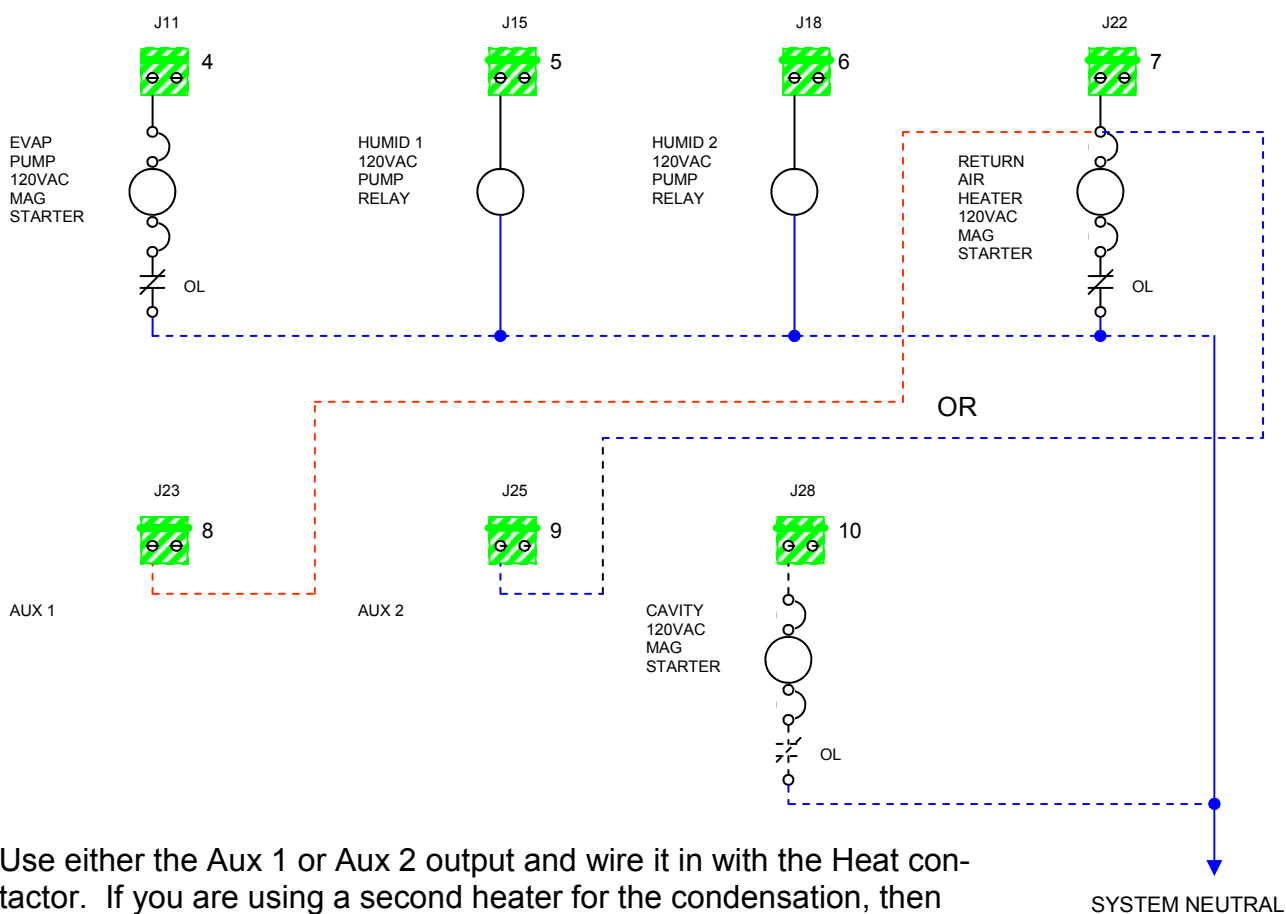


XT Panel Return Heat Aux Control  
APP- 031

Theory

In older storages when the outside air drops below the storage inside temperature condensate may form on the inside of the building. Turning on heaters in the return air may help this condition. The output to turn on this heater is either Aux 1 or Aux 2 on the XT control panel. The configuration byte for each of the Aux 1 or Aux 2 outputs will determine which one will be used. Two E2 parameters C\_H\_TEMP and C\_H\_TIME control when the heater will turn on and off. IF OUTSIDE AIR IS LESS THAN C\_H\_TEMP FOR C\_H\_TIME AND FANS RUNNING THEN TURN ON AUX HEAT. This feature can be turned on and off using the Aux switch or remotely using the virtual aux switch.

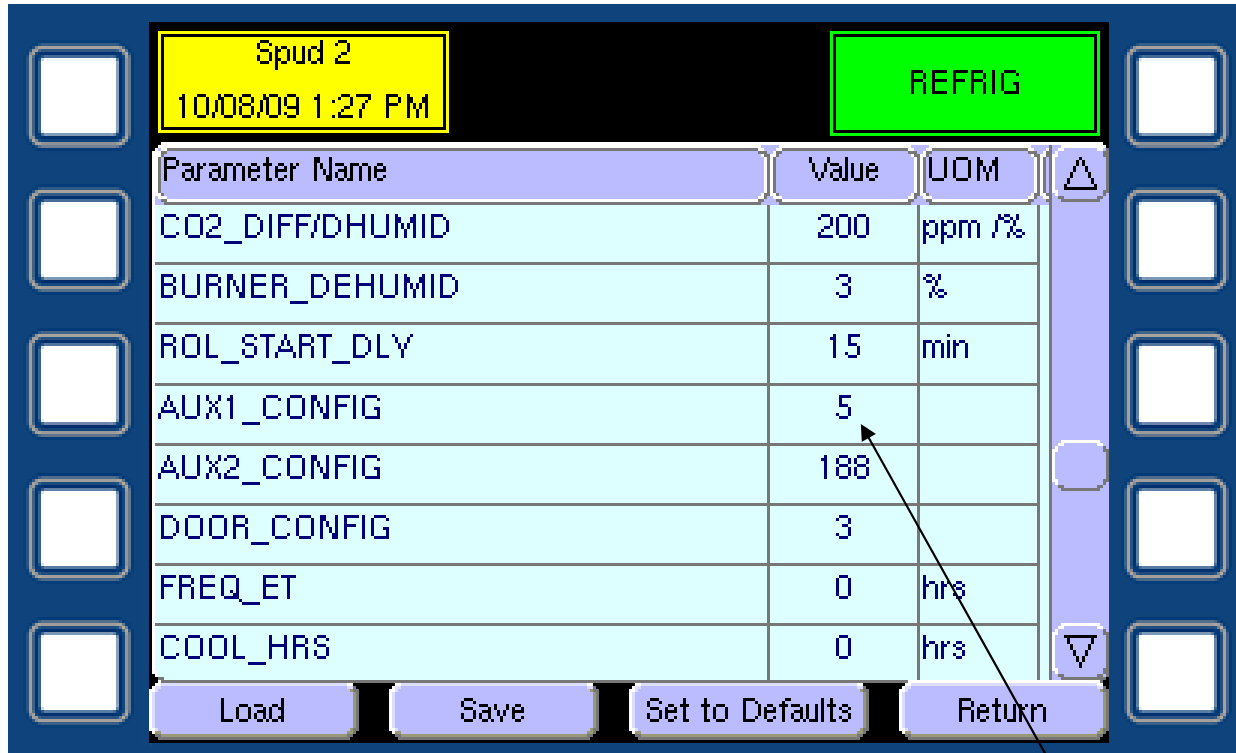
Wiring



Use either the Aux 1 or Aux 2 output and wire it in with the Heat contactor. If you are using a second heater for the condensation, then wire to that contactor.

Setup

Determine which Aux 1 or Aux 2 switch to use and then set the Aux config byte to 5.



This example shows Aux 1 being setup for the condensate heat.