

## RETROFIT INSTALLATION INSTRUCTIONS

# SUPERHEAT OPTIMIZER SYSTEM (SUPERHEAT SENSOR SYSTEM)

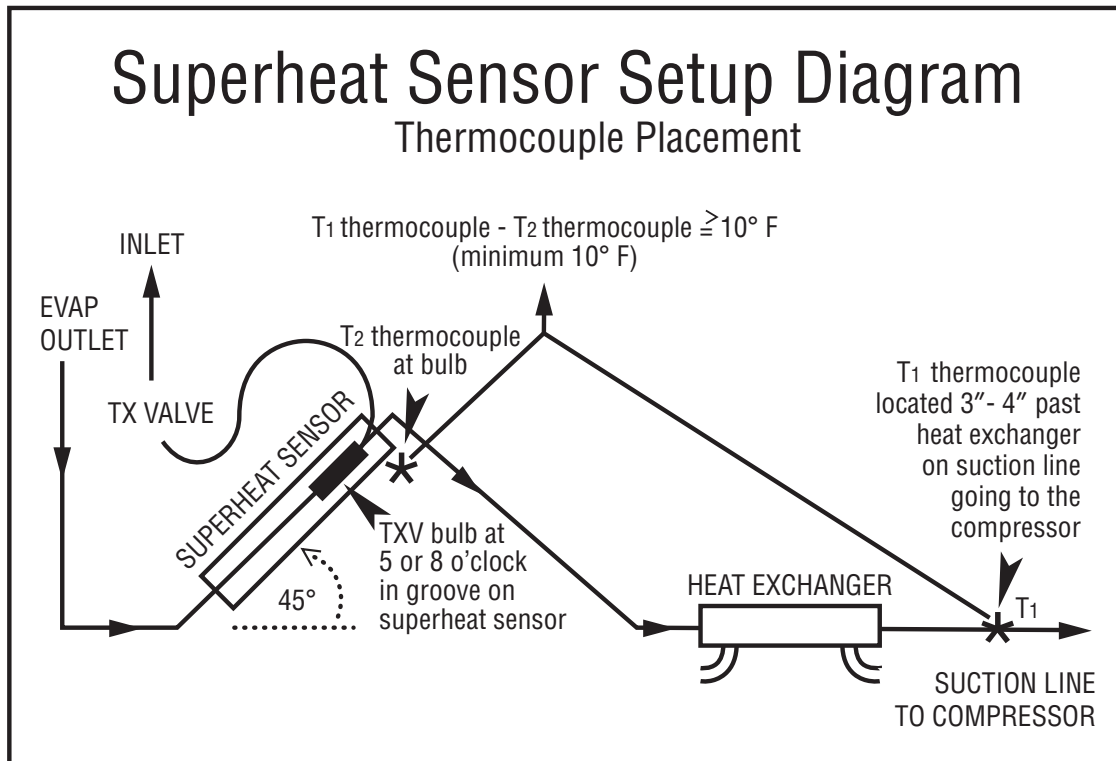
### FIELD - CONTRACTOR INSTRUCTION Low & Medium Temperature Refrigerated Display Cases and Walk-In Boxes

#### TXV Set-Up Procedure

(Same for display cases and walk-in boxes)

- 1) Expansion valve setup procedure must not begin until the system has been running for a minimum of 2 hours
- 2) System must be full of refrigerant before beginning the setup procedure

- 3) Any EPR valves on the subject cases must be completely open prior to the set-up procedure and put back into normal operation once the set-up procedure is complete
- 4) Use your low-side gauge attached to the suction access fitting at each evaporator and an electronic thermometer (capable of accepting Type K Thermocouples). Set the TXV superheat between 3° F - 5° F. This is to be done while maintaining a minimum 10° F higher temperature reading at the thermocouple that is attached to the suction line (on the compressor side of the heat exchanger) than the temperature found at the thermocouple fastened to the TXV bulb (on the superheat sensor)



### SYSTEM SET UP

**A) Stores with floating suction pressure require the float to be set at a suction pressure to maintain the required critical temperature cases. For both manual set point and floating suction pressure control, increase the rack set point by 3 psi and verify critical case temperatures**

If any questions should arise with the above instructions / specifications, contact:

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