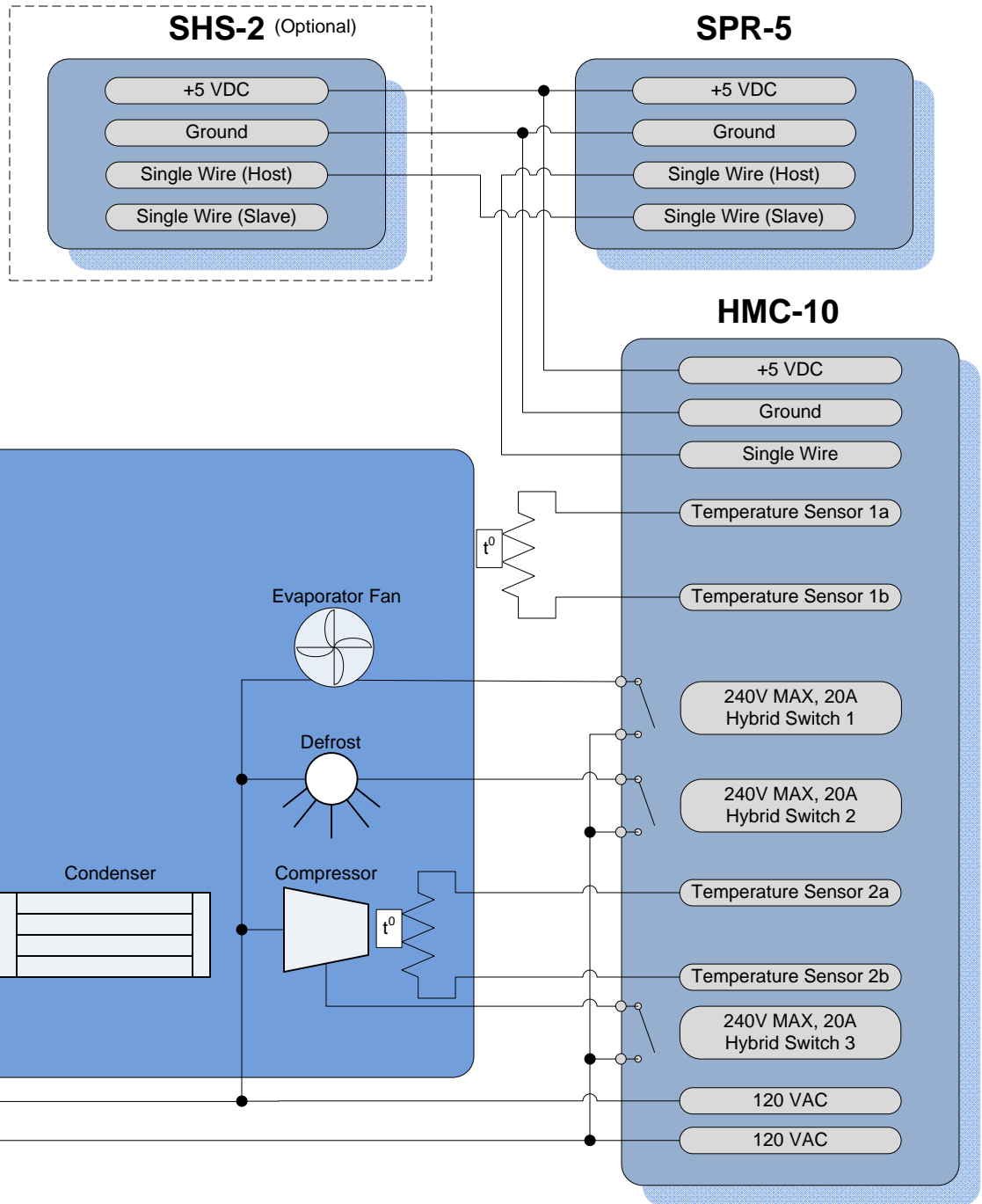




HMC-10



SPR-5



A refrigeration cabinet can easily and quickly be implemented using the HMC-10 hybrid controller along with the SPR-5 module.

A refrigeration cabinet contains a compressor, condenser, defrost unit, and evaporator fan; of which, the compressor, defrost unit, and evaporator fan are usually controlled. The HMC-10 can control each using its on board hybrid switches and internal algorithms.

Temperature is regulated by the HMC-10 with the use of a temperature probe for feedback. A second temperature probe can also be used to measure the temperature of the compressor. This will help to determine if it is getting too hot, and maintenance is required.

The SPR-5 module displays the refrigerator temperature with its 3 7-segment displays. The SPR-5 also contains up to 6 LED backlit icons to depict errors, alarms, and refrigeration cycle.

The SHS-2 humidity sensor is an additional option available to alarm the user if humidity levels in the refrigerator are at an unacceptable level.

Both the SPR-5 and the SHS-2 modules communicate to the HMC-10 using the single wire protocol.