

BLASTCHILLER



 SINGLE WIRE
COMMUNICATION

 WINDOWS
PROGRAMMING

BLASTCHILLER APPLICATION NOTE

In this application note we will demonstrate an example of a complete control solution for a blast chiller design using Renau modules.

This particular system utilizes several modules including a UCM-2411, UHA-Extender, SSB-100, SRM-08, SSE-04, and 2 SPM-708's.

UCM-2411: The large, flush mount 10.25" touchscreen display shows the current status of the unit, recipes, cycles, temperature and names of each zone, along with any error messages and alerts.

UHA-Extender: Used for firmware and recipe changes via either flash drive, or wirelessly with a Wi-Fi dongle. Use of a Wi-Fi dongle also allows the user to remotely control the unit, receive alarms via email or text, and receive digital HACCP reporting and data collection.

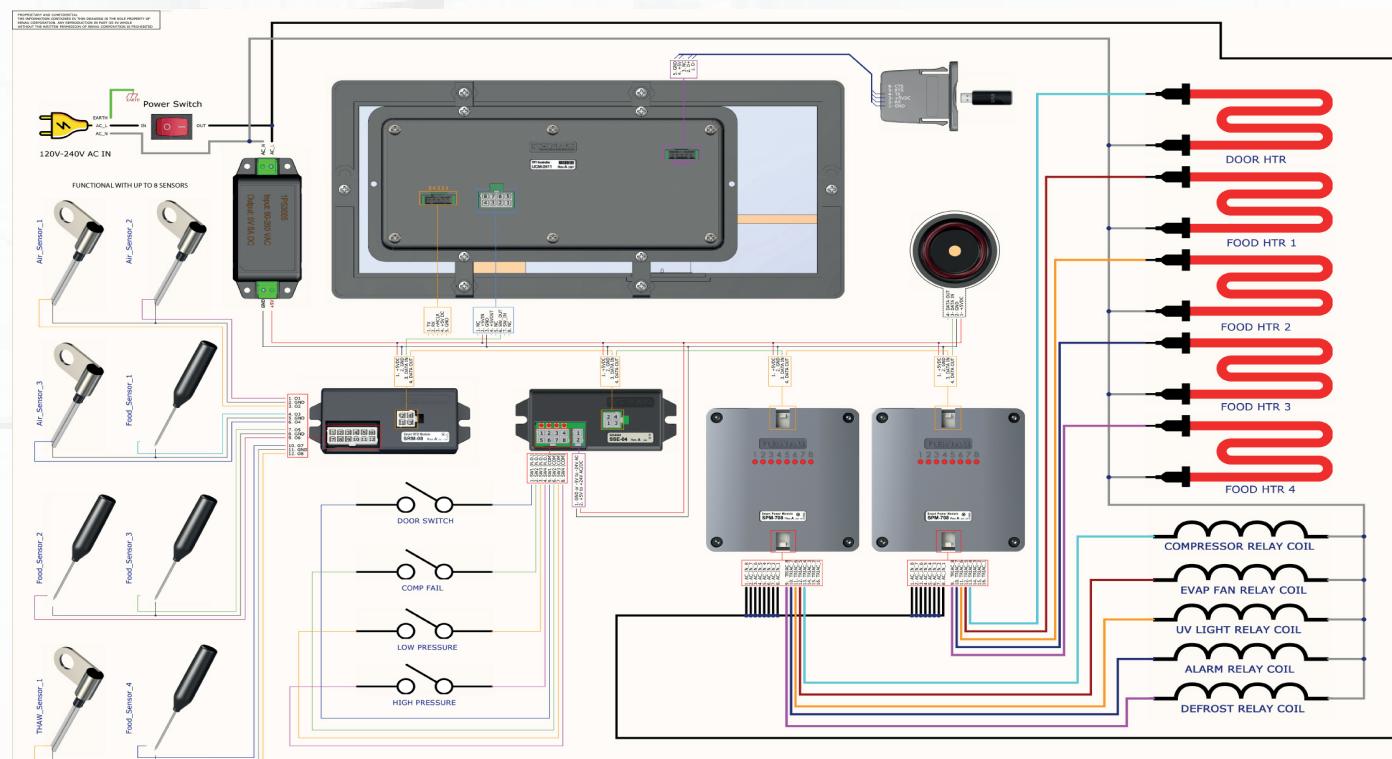
SRM-08: Measures temperature for up to 8 RTD's.

SSE-04: Sensor module for the door switch, compressor, and hi/low pressure.

2x SPM-708: Provide power switching to heating elements as well as the compressor, fan, and light.

SSB-100: Provides an audible buzzer whenever an alarm is triggered.

With modularity in mind, Renau modules are not limited to any particular application. Our products are all designed to interface with each other and be easily interchangeable. As a result, this system can easily be adapted to suit many other equipment designs or commercial kitchen applications.



We do more than design. We invent.

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