Presscon System Controller

Phasefale Presscon System Controller is a powerful control designed for temperature alarm control and defrost of multiple refrigeration cabinets or rooms. In a single control there is the capability of control and monitoring of 20 systems each with 10 temperature points.

For each of the 20 systems, System control provides a host of control and alarm functions, which includes;

- Precision temperature control of solenoids to within 0.1°C.
- Control based on the average of from 1 to 10 sensors
- Electric and Off Cycle Defrost 8 per day with fan delay and heater drain function
- Unique "sequential" defrost function which stages defrost to minimize electrical peak load
- Alarm on all points including high and low with time delay
- Defrost termination via time, temperature or termination input
- Simple to use, identify alarms and problems immediately
- Temperature sensors can be set to any combination of read only, alarm or control
- System shutdown inputs to facilitate alarm and control isolation
- 8 additional alarm auxiliary channels for general purpose alarms
- Time and Date stamped alarm (when used with Clock modem card)
- Fully compatible with all version s of Presscon, PIN and Pressnet Software.
- Simple setup with powerful network capabilities.

Plus numerous other user friendly features..

Feature	Comment
System Control Channels	**20**. Each system fully independent
Inputs per System	**10** any combination of temperature readout **R**, control **C**, alarm **A**, alarm/control **B**, shutdown **S**, defrost termination **T,** or not used **N.**
Control Parameters	**0.1°C** Cutin, Cutout settings. Also °F supported
Control Ouptuts	Solenoid, Fan, Heater
Alarm Parameters	High setting, Low Setting, Alarm delay
Defrosts per day	**8** either by time schedule or by sequencing after master channel
Defrost Parameters	Duration to 99 minutes, Fan delay to 990 seconds, Heater Drain to 990 seconds, defrost termination °C
Alarm Outputs	Alarm Light (flashing with acknowledge), Alarm dialler
Alarm Acknowledge	Yes, via keyboard or external input to 99 minutes
Auxiliary Alarms	**8,** trigger on open or close, up to 99 minute delay
System description	**16** Character
Input Channel description	**8** Character
Modem output	**Yes**. Cycle modem every 24 hours to prevent lockout
Failsafe operation	**Yes**. Alarm generated in event of controller failure