

# Presscon - the complete control and monitoring solution for your refrigeration

Presscon is a modular, networked control system suitable for a wide range of control applications including refrigeration and air conditioning/HVAC.

Presscon consists of a range of modules which are connected via a common databus (using industry standard Lonworks® protocol). The databus can be extended over kilometers and include hundreds of devices.

Each Presscon controller is a powerful multi purpose control which has eight program types to choose from.

All Presscon modules are DIN rail mount and feature pluggable electrical connections for simplified installation and quick field changeover. Presscon refrigeration control is found in all areas of refrigeration including supermarkets, processed food operations and many more, where it offers a scalable and powerful control and monitoring solution.

Call now to discuss your special control and monitoring requirements.



The Multi controller can be set to one of eight controller types for maximum control and monitoring flexibility. Connect as many as required for the whole system. Coming soon the new Super control in the same package which will offer hundreds of available channels.

## Main Presscon Controller Types

System	20 Refrigeration Systems each with 10 temp. points
Multi-Rack	4 Suction/Discharge, 4 Power, 6 Gas alarm, 2 humidity



Precision, stainless steel pressure transducers for suction & discharge control



Control and monitoring of refrigeration systems of all types

water-proof, stable and extremely accurate temperature sensing (3 types)

Output card 8 Relay outputs 240VAC5A, 2 0-10V DC analogue

Input card accepts 32 inputs including pressure, temperature, digital inputs



Also available: refrigerant leak detection, 3 phase power monitoring & control, humidity control & alarm + more....

Interface card includes 2 high speed RS232 ports, clock, 8MB Datalog-



Power supply 12V DC 5A, includes power filtering & surge protection - 40W version also available.



Presscon is an ideal system where an accredited HACCP food safety programs is required (#PE-382-PF-01)

PHASEFALE

CONTROL

MONITOR

PROTECT

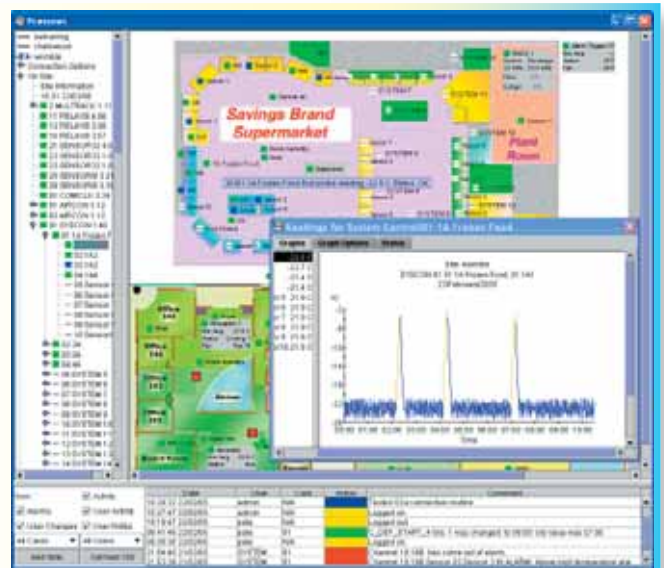
# Pressnet – software for Presscon Refrigeration and Air-conditioning Systems

Pressnet Software allows you to access and control Phasefale's Presscon refrigeration and air conditioning control system. From Pressnet you are able to view and change the current system status, check previous events and trends. User friendly, Pressnet software works exactly the same onsite or remotely with a range of connection options including internet, direct PC connection or dial up access over phone lines.

Pressnet has been designed to show problems by exception – so all staff can easily be trained to spot problems and react accordingly. But dig deeper and technical users can analyze problems using the powerful diagnostic tools included.

Pressnet software is also available in a "Lite" version\*, where a dedicated onsite PC is not required, for a lower installed cost. Both versions are intelligent enough to automatically configure themselves to Presscon, so can be used straight away without complicated installation or configuration. If required, a customized site layout screen is simply setup.

So for easy, total control of your refrigeration or AC plant, whether on site or remotely, Pressnet Software provides a total solution.



Pressnet layout is clean and simple to use

## User friendly operation

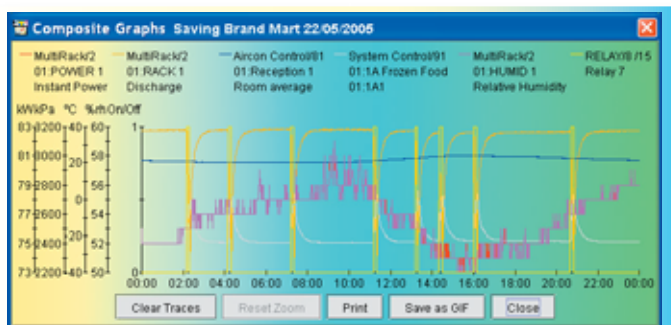
- Site layout designed for non technical users
- "At a glance" system status for quick recognition of alarm events
- 4 user access levels with unlimited users
- Quickly and easily change setting and status of system
- Automatic configuration to connected Presscon
- Free on-line update to program via website
- Customise the site layout to suit the specific site requirements.
- Access to unlimited sites from a single screen

## Powerful, flexible Graphing

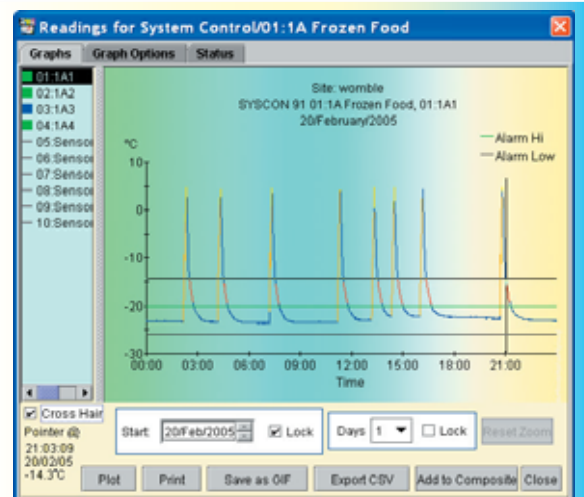
- Graphs include color coded trace to match system status including defrosts, alarm etc.
- View data back to installation date
- Highly detailed graphs with 1 minute resolution & accurate crosshair function
- Composite graphs allow mixing of different parameters (e.g. temperature & pressure)
- Graph export function to spreadsheet for detailed analysis
- Graphs saved in memory from commissioning date forward

## History functions for total recall

- Traceable history log of user access and operations
- Search functions in history logs
- offline programming and saving of controller data



Composite graphs allow comparison of different parameters



System status is displayed with color coded traces

\* Pressnet Lite contains most of the features of Pressnet, the main exceptions being memory limitations (8MB) and recording timebase (5 minutes compared to 1 minute)



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