

# 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 change-over.

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

<b>System</b>	20 Refrigeration Systems each with 10 temp. points
<b>Multi-Rack</b>	4 Suction/Discharge, 4 Power, 6 Gas alarm, 2 humidity
<b>DDC</b>	8 HVAC - see separate brochure

*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 Datalogging*



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



*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)*



*Presscon is an ideal system when HACCP food safety programs is required*



**CONTROL**

**MONITOR**

**PROTECT**

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

Pressnet Software allows you to access and control Phasefales 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 on site or remotely with a range of connection options including the internet, direct PC connection or dial up access over phone lines.

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

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



Pressnet Layout is clean and simple to use

#### 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

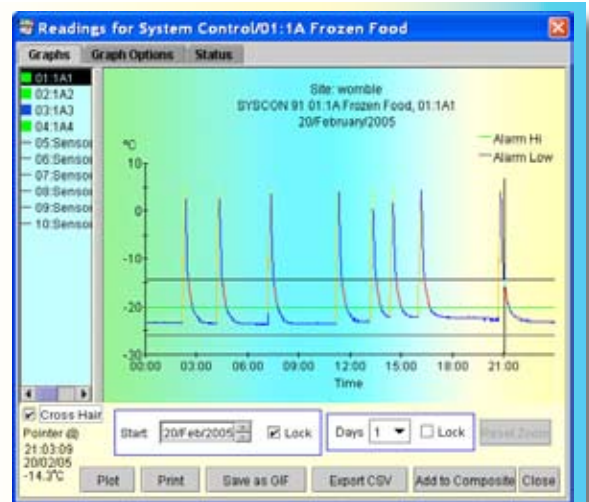
#### User friendly operation

- 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 & easily change setting and status of system
- Automatic configuration to connected Presscon
- Free on-line updates to program via website
- Customize 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 functions to spreadsheet for detailed analysis
- Graphs saved in memory from commissioning date forward

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



System status is displayed with color coded traces



Composite graphs allow comparison of different parameters

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



CONTROL  
MONITOR  
PROTECT