

Presscon DDC - the total Air-conditioning control solution

Presscon is a modular, networked control system for your HVAC no matter how big or small.

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 controls 8 HVAC plant with user friendly display and control options such as manual over-ride and settings adjustment (password protected if preferred)

All Presscon modules are DIN rail mount and feature pluggable electrical connections for simplified installation and quick field change-over.

Whether you need control in factories, office buildings, supermarkets, luxury homes, tenanted buildings, shopping centers - Presscon offers a scalable and powerful control and monitoring solution.



Each DDC controller can control eight areas or plant. 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 and enhanced functionality including general purpose PLC programming based on international industry standard IEC 1131-3.

DDC Controller features on each of 8 Plant
 4 Heat, 4 Cooling stages with programmable delays, analogue heat and cool control, fan speed control, full 265 day time clock function, local over-ride for after hours operation, economising and setback function + much more!



HVAC control in all types of buildings



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



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



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



Power supply 12V DC 5A, includes power filtering & surge protection



Presscon can also control and monitor refrigeration systems of all types



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 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

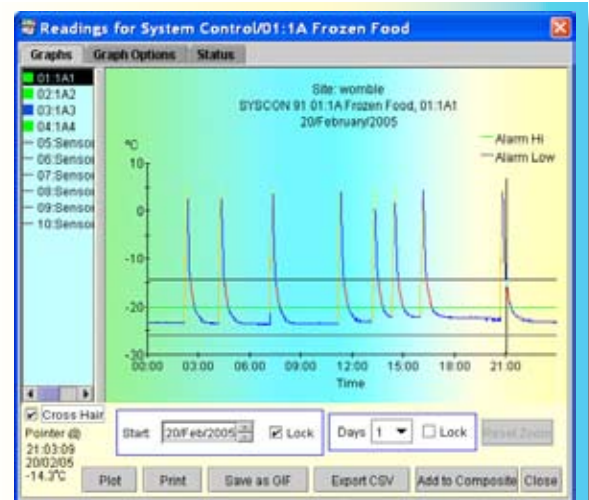
User friendly operation

- 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 v 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



CONTROL
MONITOR
PROTECT