

Multi-Rack Controller



Phasefale are excited to a new refrigeration controller which is capable of controlling 4 separate suction/discharge groups, plus offering Refrigerant Gas Leak Alarm function, Power monitoring and humidity control.



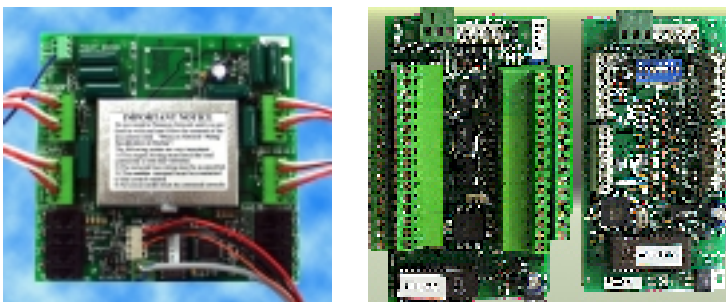
The new control effectively replaces 4 Presscon Rack controllers and a Supervisor Control for around ¼ of the price and space requirements. Some new features have been added to the rack control function including speed control of both suction and discharge and current monitoring for compressors.

The new Multi –Rack Controller is based on Phasefale’s new multi control which is actually one of 8 types depending on the selection- this save stocking and parts inventory.

The table below lists a few of this new controls outstanding features.

Feature	Comment	New/ Expanded
Suction/Discharge Groups	4	Yes
HP each group	Yes	
Compressor Temp Monitor/Control	Yes	
Number compressors per group	1-8	
Number Condenser Fan per Group	1-8	
Analog output for speed control of compressor	Yes	Yes
Analog output for speed control of condenser fan	Yes	Yes
4 line display / operation	Current unit has 2 lines	Yes
Compressor Control Stage Tables	2 off -up to 16 steps total	
Compressor Current/Run monitor	Can monitor motor current	Yes
Humidity anti-sweat function	2 Channels	Yes
Humidity alarm function	2 Channels	Yes
Humidity control function	2 Channels	Yes
Gas Leak Detection Alarm	6 Channels	Yes
Power Monitoring	4 Channels	
Alarm Events	Including alarms, access etc	Yes
Improved processor & memory specifications	Faster, more responsive operation	Yes
Multi switchable control	Select from 1 of 8 control types	Yes
Alarm light/Dialler output	For connection to Alarm systems	

8 Channel Relay card (left), 32 & 8 channel sensor cards



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The new controller can be set to be one of eight types: Single Rack Control, Multi Rack Control, Air Conditioning, System Control, Supervisor, Temperature, Defrost & Alarm