# Presscon Rack Controller: Configuration Sheet

**Card Number** .....

| **Compressor Rack** | |
|---|---|
| *parameter* | *value* |
| Sensor Type | |
| Setpoint | |
| Differential | |
| No. of Opt. sensors | |
| # 1 temperature | |
| # 2 temperature | |
| # 3 temperature | |
| # 4 temperature | |
| Optimiser Offset | |
| Step Delay | |
| Capacities/Tables | |
| No. of Compressors | |
| No. of Comps with Idle | |
| Unloaders on Comp #1 | |
| Unloaders on Comp #2 | |
| Unloaders on Comp #3 | |
| Unloaders on Comp #4 | |
| Unloaders on Comp #5 | |
| Unloaders on Comp #6 | |
| Unloaders on Comp #7 | |
| Unloaders on Comp #8 | |
| Inc. Capacity Delay | |
| Dec. Capacity Delay | |
| Swap/Over Stage Tables | |
| Inc. Unloader Delay | |
| Dec. Unloader Delay | |
| No. of Tables | |
| Rotate Table Period | |
| No. of Steps per Table | |
| Equal or Unequal Caps. | |
| Comp #1 Capacity | |
| Comp #2 Capacity | |
| Comp #3 Capacity | |
| Comp #4 Capacity | |
| Comp #5 Capacity | |
| Comp #6 Capacity | |
| Comp #7 Capacity | |
| Comp #8 Capacity | |

| **Condensor** | |
|---|---|
| *parameter* | *value* |
| Sensor Type | |
| No. of Circuits | |
| Setpoint #1 | |
| Differential #1 | |
| Fans all on #1 | |
| Setpoint #2 | |
| Differential #2 | |
| Fans all on #2 | |
| HP On or Off #2 | |
| HP pressure #2 | |
| Setpoint #3 | |
| Differential #3 | |
| Fans all on #3 | |
| HP On or Off #3 | |
| HP pressure #3 | |
| Setpoint #4 | |
| Differential #4 | |
| Fans all on #4 | |
| HP On or Off #4 | |
| HP pressure #4 | |
| No. of Fans | |
| Fan Strategy | |
| Fan on delay | |
| Fan off delay | |

| **Options** | |
|---|---|
| *parameter* | *value* |
| Control Description | |
| Scrolling (Quick/Slow) | |
| Pressure (kPa/psi) | |
| Temperature (°C/°F) | |

| **Security** | |
|---|---|
| *parameter* | *value* |
| Access Number | |
| Alarm Relay (On/Off) | |
| Alarm (Steady/Flash) | |
| Analogue Control | |
| Analogue Inc Rate | |
| Analogue Dec Rate | |
| Switch Step Change | |
| Max Analogue Output | |
| Custom Sensor at 1V | |
| Custom Sensor at 6V | |

| **Compressor Safety** | *value* |
|---|---|
| No. with Oil Safety | |
| Oil Sensor Type | |
| Oil Safety Pressure | |
| Oil Safety Delay | |
| No. with Head Temp. | |
| Fault Temperature | |
| Restart Temperature | |
| Temp Fault Delay | |
| Liquid Level (On/Off) | |
| Low Liquid Level | |
| High Liquid Level | |
| Fault Liquid Level | |
| Liquid Level Delay | |
| Control Input | |
| Fault Input (On/Off) | |
| Manual/Auto Restart | |
| Open/Close for Fault | |
| Fault Delay | |
| Fault Description | |
| HP Fault (On/Off) | |
| HP Pressure | |
| LP Pressure | |
| Limit Start Delay | |

| **Sensors** | *card:point* |
|---|---|
| Suction Sensor | |
| Oil / Idle #1 | |
| Oil / Idle #2 | |
| Oil / Idle #3 | |
| Oil / Idle #4 | |
| Comp Temp #1 | |
| Comp Temp #2 | |
| Comp Temp #3 | |
| Comp Temp #4 | |
| Control Input | |
| Fault Input | |
| Optimise Temp #1 | |
| Optimise Temp #2 | |
| Optimise Temp #3 | |
| Optimise Temp #4 | |
| Head #1 | |
| Head #2 | |
| Head #3 | |
| Head #4 | |
| Liquid Level | |

| **Relays** | | | *card:point* |
|---|---|---|---|
| Compressor #1 | | | |
| Compressor #2 | | | |
| Compressor #3 | | | |
| Compressor #4 | | | |
| Compressor #5 | | | |
| Compressor #6 | | | |
| Compressor #7 | | | |
| Compressor #8 | | | |
| | *comp* | *no* | |
| Unload | | | |
| Unload | | | |
| Unload | | | |
| Unload | | | |
| Unload | | | |
| Unload | | | |
| Unload | | | |
| Unload | | | |
| Unload | | | |
| Unload | | | |
| Unload | | | |
| Unload | | | |
| | *custom* | | |
| Fan #1 | | | |
| Fan #2 | | | |
| Fan #3 | | | |
| Fan #4 | | | |
| Fan #5 | | | |
| Fan #6 | | | |
| Fan #7 | | | |
| Fan #8 | | | |
| Fan #9 | | | |
| Fan #10 | | | |
| Fan #11 | | | |
| Fan #12 | | | |
| Alarm Output | | | |
| HP Output #2 | | | |
| HP Output #3 | | | |
| HP Output #4 | | | |
| Analogue Output | | | |

**Stage Tables**

| Table | Step | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |