**MyCore-RC100 Control Panel**

### Operation Status
- LOCAL-OFF
- Compressor RUN

### Compressor Status
- Stopped
- S1
- S2

### Capacity
- 0%
- 5%
- 10%

### WD Output
- 0.3
- 0.6

### Refrigerant Pressure
- 4.32 bars
- 11.5 bars

### Temperature
- Suction Temperature: 198.7°C
- Discharge Temperature: -62.3°C
- Oil Supply Temperature: -62.4°C
- Intermediate Temperature: 162.5°C
- Suction Superheat Temperature: 191.7°C
- Discharge Superheat Temperature: -94.8°C
- Intermediate Superheat Temperature: 121.0°C
- Motor Current: 57.8 Amps

### Monitoring Points
- AO-1
- AO-2

### Other Features
- Display unit
- Alarm notification
- Start/Stop control
MyCore-RC100 is the next generation controller replacing MYPRO CP1A and MYPRO iP. This panel has controlling capabilities for M, WA/WB, WBHE, HK, L, MHS (1290, 1410) and i-series compressors.

**STANDARD FEATURES**
- 5.7” resistance film type touch screen
- Manual operation of capacity control, and any PID controllers
- Multiple languages
- Self-diagnosis of sensor malfunctions
- USB connection for import and export settings, data logging and screen captures
- User event function to manage changes of setting values, and operation logs
- RS-485 communication port provides read and write data using Modbus protocol
- Automatic capacity control by suction pressure sensor
- Ethernet communication provides Modbus TCP/IP protocol

**SPECIFICATIONS**

### General Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supply Voltage</td>
<td>100 - 240 VAC 50/60 Hz</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>+32°F (0°C) to +140°F (+60°C)</td>
</tr>
<tr>
<td>Ambient Humidity</td>
<td>85% RH or less (non-condensing)</td>
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</tbody>
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### IO Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Specification</th>
<th>Max.</th>
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</thead>
<tbody>
<tr>
<td>Analog Input</td>
<td>Current: 4~20 mA (Input Impedance 250 Ω)</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Voltage: 1~5 VDC (Input Impedance 100k Ω)</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Temperature: 100 Ω Platinum</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Power: 12/24 VDC</td>
<td></td>
</tr>
<tr>
<td>Analog Output</td>
<td>Current: 4~20 mA (Resistive Load 500 Ω)</td>
<td>2</td>
</tr>
<tr>
<td>Digital Input</td>
<td>Contact: PNP (24 VDC from base board)</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>Dry Contact: Dry N.O. contact</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>PNP Contact: 24 VDC supplied from controller</td>
<td>2</td>
</tr>
<tr>
<td>Digital Output</td>
<td>Mechanical Relay: 5A at 250 VAC</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Solid State Relay: 0.1A to 2A at 100 to 240 VAC</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Leakage: 1.5 mA max at 200 VAC</td>
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</tbody>
</table>

* The information contained herein is for reference only. Subject to change without notice.*