



Operation Status	LOCAL-OFF	<input type="radio"/> Compressor RUN	50 RTD-3	6175	AO-1	0 %
Compressor Status	Stopped	<input type="radio"/> SV1	79 RTD-4	13275	AO-2	0 %
Capacity	0 %	<input type="radio"/> SV2				
VFD Output	0.0 %	<input type="radio"/> SV3				
Suction Pressure	4.32 barG	<input type="radio"/> ALARM				
Discharge Pressure	11.6 barG	<input type="radio"/> Remote Start				
Oil Supply Pressure	- 1.3 barG	<input checked="" type="radio"/> COMM. Start				
Intermediate Pressure	15.3 barG	<input type="radio"/> SV100% Lock				
Oil Differential Pressure	- 5.6 barG					
Suction Temperature	198.3 °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	11 Amp					



MyCore-RC100

Control Panel

MyCore-RC100

Controller for MYCOM reciprocating & mini-screw compressors

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



SPECIFICATIONS

General Specifications

Supply Voltage	100 - 240 VAC 50/60 Hz
Operating Temperature	+32 °F (0 °C) to +140 °F (+60 °C)
Ambient Humidity	85% RH or less (non-condensing)

IO Specifications

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

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



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