

MYPRO CP IV

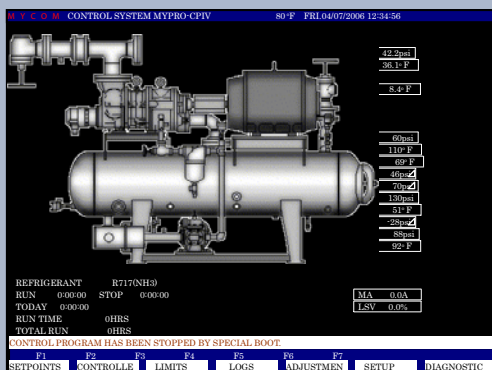
CP-IV panel incorporates many desirable features. It is an excellent panel for small to medium equipment room control incorporating compressor sequencing, condenser pressure control, liquid feed valve control and economizer control without additional hardware.

SPECIFICATIONS

< INPUT / OUTPUT >

Analog Input	External Sensor (CH1 ~ CH14, CH15A, CH16A)	DC + 1 to 5V (Input Impedance 100K) or DC + 4 to +20mA (Input Impedance 250K)	Max. 16 points
	Potentiometer (CH15B, CH16B)	1K Ω	Max. 2 points
Analog Output		DC + 4 to +20mA (External Load Resistance 500 Ω or less)	Max. 4 points
Digital In/Output	Contact Input	No Voltage N.O. Contact	8 points
	Contact Output	No Voltage N.O. Contact	24 points

USER INTERFACE



- Large, high resolution, color LCD display, 640 x 480 pixels
- Dynamic graphical representation of operating conditions
- Alarm and trending logs and reports
- Easy to use "windows" type display with drop down menus with "soft" keys
- Designed for long life and the highest reliability
- Keypad has 33 tactile keys

FEATURES

- Compressor auto-staging (sequencing)
- Condenser pressure control with optional fan VFD controller (VFD sold separately)
- Vessel level monitoring and liquid feed valve control (4-20mA PID control)
- Direct expansion evaporator feed control of electric control valves
- VFD control of compressor motor (VFD sold separately)
- Remote compressor control via digital input/output with analog slide valve output
- Communications Ready - RS-485 serial port and Modbus ASCII or RTU protocol



GENERAL

Supply Voltage	AC 100 / 200 V
Frequency	50 / 60 Hz
Operation Temperature	+5 °C to +50 °C
Ambient Humidity	70%RH or less (No condensing)
Atmosphere	No corrosive gas, light dust
Protection Device	Circuit protection, Thermal trip
Set Value Memory	Battery backup
Power Consumption	50VA maximum
Outline Dimension	H30" x W24" x D9"
Weight	90Lbs

This panel is included with every Mycom V-Series and C-Series compressor unit and is offered as an option on i-Series compressor units.

* Information subject to change without notice. Contact nearest Mayekawa office or representative for details.

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