



RMB Non-Modular Hot Runner Controls

1 - 12 ZONES • LOW COST

6 ZONES



17-1/4" W x 13-1/2" D x 6" H

Part No. RMB6
\$1,450.00

Accessories needed:

- 1 ea. - Power Cable #MPC8C10 (10')
or #MPC8C20 (20')
- 1 ea. - TC Cable #TC8C10 (10')
or #TC8C20 (20')
- 1 ea. - Terminal Box #PTC8TBM
- 1 ea. - Power Connector #PIC8M
- 1 ea. - TC Connector #MTC8

12 ZONES



22-1/4" W x 13-1/2" D x 6" H

Part No. RMB12
\$2,425.00

Accessories needed:

- 1 ea. - Power Cable #MPC12C10 (10')
or #MPC12C20 (20')
- 1 ea. - TC Cable #TC12C10 (10')
or #TC12C20 (20')
- 1 ea. - Terminal Box #PTC12TBM
- 1 ea. - Power Connector #PIC12M
- 1 ea. - TC Connector #MTC12

Part No. 64U01 - Replacement Triac Driver Board for RMB6 & RMB12 (includes triac driver board, triac and heat sink pad) \$29.00

PERFORMANCE SPECIFICATIONS

Auto Control Mode	CompuCycle® system
Control Accuracy	± 0.1°F (± 0.1°C) dependent on the total thermal system
Temperature Stability	± 0.5% of full scale over the ambient range
Calibration Accuracy	Better than 0.2% of full scale
Power Response Time	Better than 400 ms
Process Sampling	100 ms
°F/°C	Field Configurable
CompuStep® System	
Control Mode	Variable stepping voltage, phase fired
Duration	Approximately 5 min.
Output Voltage	RMS with 240 VAC line output, phase fired
Override Temperature	200°F (93°C)
Operation Mode Priority	a: T/C open, T/C reverse, Shutdown and open heater override CompuStep® b: Manual mode overrides T/C open, T/C reverse

INPUT SPECIFICATIONS

Thermocouple (T/C)	Type "J" or "K" grounded or ungrounded
External T/C Resistance	Max 100 ohms for rated accuracy
Cold Junction Compensation	Automatic, better than 0.02°F/°F (0.01°C/°C)
Input Impedance	10 megohms
Input Protection	Diode clamp RC filter
Common Mode Rejection Ratio	Greater than 100 dB
Power Supply Rejection Ratio	Greater than 70 dB

CONTROLS & INDICATORS

- 8 Control Switches
- 6 Status LED's per zone
- Degrees "F" and "C" Status indicators
- LCD Display
 - 2 Line x 24 Characters (RMB06)
 - 2 Line x 24 Characters x 2 (RMB12)
 - 2 Line x 16 Characters (RMB01-03)

OUTPUT SPECIFICATIONS

Voltages	240 VAC nominal, single phase, 120 VAC available
Power Capability*	15 amperes, 3600 watts @ 240 VAC per zone
Overload Protection	Type (ABC) fuses
Power Line Isolation	Optically and transformer isolated from AC lines. Isolation voltage is greater than 2500 volts
Output Drive	Internal solid state triac

TECHNICAL OPERATING LIMITS

Input Voltage	240 VAC +10/-20%
Ambient Temperature	32 to 122°F (0 to 50°C)
Relative Humidity	90% non-condensing
Frequency	50-60 Hz

* 15 amperes, 3600 watts @ 240 VAC per cabinet RMB1, RMB2 & RMB3.

For information on the CompuStep®, CompuCycle®, Manual Control and Safety & Diagnostics see IMP Controller.



PLASTIC PROCESS EQUIPMENT, INC.

www.ppe.com • e-mail: sales@ppe.com

6385 Montessouri Street, Las Vegas, Nevada 89113
702-433-6385 • 800-258-8877 • Fax: 702-433-6388

11218 Challenger Avenue, Odessa, Florida 33556
727-834-8888 • 800-282-6783 • Fax: 727-834-8873

8303 CORPORATE PARK DRIVE, MACEDONIA (Cleveland), OHIO 44056, USA

Toll Free: USA, Canada & Mexico
800-362-0706

216-367-7000 • Toll Free: 800-321-0562 • Fax: 216-367-7022 • Order Fax: 800-223-8305