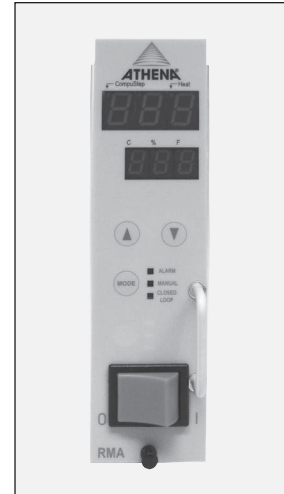


Hot Runner Temperature Control Systems

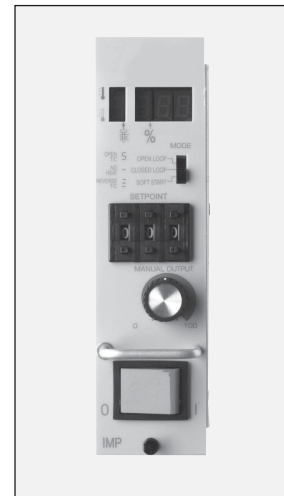
RMA Module

- Simultaneous digital setpoint and digital temperature indication.
- Accepts Type J or Type K thermocouple input (jumper selectable).
- Auto-tuning, with adjustable proportional band and rate.
- Bumpless auto/manual transfer.
- CompuStep bakeout feature prevents moisture at start-up.
- Built-in loop break, short, open, and reverse thermocouple protection.
- Optional triac failure protection.
- Preset alarms at 30°F (17°C).
- Jumper-selectable self-start mode.
- Current monitor feature displays average current to load.
- CE-compliant.



IMP Module

- Available in single zone, 15amp and 30amp temperature controllers, as well as for multi-zone temperature control systems.
- CompuStep feature removes moisture from the heater before full power is applied.
- CompuCycle feature improves response time, reduces thermal fatigue and prolongs heater life by applying AC power smoothly and continuously.
- Manual control for non-thermocouple applications, provides standby or "weekend" heat or to manually control temperature if a thermocouple fails.
- Diagnostic and protection features include power "on", power to load, manual made, and over/under temperature, plus indicators and system protection for reversed and open thermocouples.



Single Zone Temperature Control System

Features as per IMPX15 Module

Description	Code
10 Amp Unit	PIM1Bx10



Multi Zone Temperature Control System

16 to 48 Zone Mainframes are also available to order. 30 Amp option also available

Description	Code
2 Zone 15 Amp	MFFMP2
3 Zone 15 Amp	MFFMP3
5 Zone 15 Amp	MFx5
8 Zone 15 Amp	MFx8
12 Zone 15 Amp	MFx12

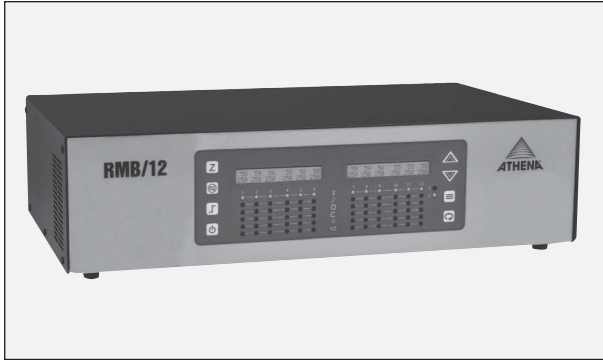


Hot Runner Temperature Control Systems



RMB6 Non-Modular Hot Runner Controllers

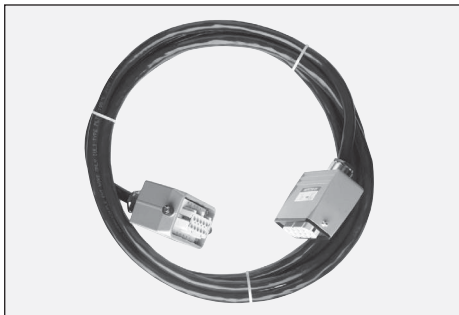
- Adjustable set point limits
- “Boost” mode for temporary % of power output increase
- Remote input standby function
- Remote alarm output contacts
- Fan Cooled
- Easily serviceable with optional spare parts
- Limited Two Year Warranty-Consult Factory
- Compact package design
- Accepts “J” or “K” thermocouple input, grounded or ungrounded
- 6 zone model has total 15 amps per zone
- Built-in loop break, short, open, and reverse thermocouple
- CompuStep® bake out feature prevents moisture at start up



RMB12 Non-Modular Hot Runner Controllers

- Adjustable set point limits
- “Boost” mode for temporary % of power output increase
- Remote input standby function
- Remote alarm output contacts
- Fan Cooled
- Easily serviceable with optional spare parts
- Limited Two Year Warranty-Consult Factory
- Compact package design
- Accepts “J” or “K” thermocouple input, grounded or ungrounded
- 12 zone model has total 15 amps per zone
- Built-in loop break, short, open, and reverse thermocouple
- CompuStep® bake out feature prevents moisture at start up

Power and Thermocouple Cables



Thermocouples Cables		
Cables	Zones	Length
MAST/TC = Mould Thermocouple Cable	05 = 5 Zones	C10 = 10°
	08 = 8 Zones	C20 = 20°
	12 = 12 Zones	



Power Cables		
Cables	Zones	Length
MAST/MPC=Mould Power Cable	05 = 5 Zones	C10 = 10°
	08 = 8 Zones	C20 = 20°
	12 = 12 Zones	



Combination Power and Thermocouple Cables	
Cable	Length
MAST/MPTC = Mould and Thermocouple Cables	C10 = 10°
	C20 = 20°