



GAS IGNITION CONTROLS

RAM-4, -5 INTERMITTENT PILOT IGNITION CONTROLS

The RAM intermittent ignition controls are 24 and 120 VAC. When the thermostat calls for heat, RAM's IID Control simultaneously initiates ignition sparking and opens the pilot valve portion of the gas valve. Pilot flame recognition stops ignition sparking and opens the main valve portion of the gas valve. Pilot burner flame is continuously monitored at a synchronous frequency for the duration of the heating cycle. Should the pilot flame fail during the heating cycle, the control will shut off the main valve until the pilot flame is established.

SPECIFICATIONS

Electrical rating (input)	24V 50/60 Hz
	120V 50/60 Hz, 50 mA
Flame sensor current	0.7mA
Gas valve relay ratings	5.0 amp
Temperature range	-40 to 175°F
Approvals	AGA, CGA



790-500

ORDERING DATA

RAM PART NO.	UNI-LINE ORDER NUMBER	PRE-PURGE	NON PRE-PURGE	REMOTE	LOCAL	IGNITION ATTEMPTS (BEFORE LOCKOUT)	VALVE TRIAL TIME (SEC.)	SUPPLY VOLTAGE				OPEN BOARD	ENCLOSED	EDGE BOARD	MOLEX	1/4 Q.C.	COMMENTS
								12 VDC	24 VAC	120 VAC	240 VAC						
RAM-5	790-500		•		•	INFINITE			•				•				
RAM-5M2-01	790-507		•	•		3			•				•			•	AAON P63040, P60040
RAM-4	790-400		•		•	INFINITE				•			•				