Maxon Combustion Control Panels

- **Provides primary operator interface with combustion system**

- **Varying sizes and features to meet your specific control needs**

- **Features include (depending on model):**

  - Allen Bradley Programmable Logic Controller (PLC)

  - Flame Safeguard Relays in accordance with NFPA 86 5-2.1

  - FM Approved High Temperature Limit and Temperature Controllers

  - First Out Annunciation for convenient system status

  - NEMA 12/13 or 3R enclosures

  - Highly visible indication lights and easy-to-operate switches

  - Combustion Air Blower Motor Starter

- **Customized panels available upon request**

Maxon Combustion Control Panels

Maxon Control Panel Series
- *Combustion Series*
- *Intermediate Series*
- *Mini Series*

Maxon Control Panel Types
- *Premier-Line*
- *Standard-Line*
- *Value-Line*

Combustion Series Control Panel Features	Intermediate Series Control Panel Features	Mini Series Control Panel Features
- Allen Bradley Micrologix 1200 PLC (Standard & Premier Line only) - Honeywell Flame Supervision - UV Scanner (included) or Flame Rod (not included) option - FM approved high temperature limit and temperature controllers - Indicators for Interlock Proven, Purging, Purge Complete, Pilot On and Burner On - NEMA 12/13 or NEMA 3R enclosure - Motor Starter (up to 5 HP at 460 V) - Control Transformer - Disconnect with pistol-type handle	- Allen Bradley Micrologix 1200 PLC (Standard & Premier Line only) - Honeywell Flame Supervision - UV Scanner (included) or Flame Rod (not included) option - FM approved high temperature limit and temperature controllers - Indicators for Interlock Proven, Purging, Purge Complete, Pilot On and Burner On - NEMA 12/13 or NEMA 3R enclosure	- Allen Bradley Micrologix 1200 PLC (Standard & Premier Line only) - Honeywell Flame Supervision - UV Scanner (included) or Flame Rod (not included) option - Indicators for Interlock Proven, Purging, Purge Complete, Pilot On and Burner On - NEMA 12/13 or NEMA 3R enclosure

"Premier-Line" Control Panels feature Allen Bradley Micrologix 1200 PLCs. In addition, they also include an alarm horn and first out annunciation
"Standard-Line" Control Panels also feature the Allen Bradley Micrologix 1200 PLCs but do not include an alarm horn or first out annunciation.
"Value-Line" Control Panels do not include a PLC. An adjustable pilot interrupt timer and adjustable purge timer are provided.

Maxon Combustion Control Panel Features Summary

	Control Panel Series and Type	Motor Starting (up to 5 HP at 460 V)	Control Transformer	Disconnect with Pistol-Type Handle	NEMA 12/13 or 3R Enclosure	Circuit Breaker/Toggle Switch	Hi-Temp Limit (FM approved)	Temp Controller	Flame Supervision Honeywell (RM7890A-1015)	Interlocks Proven Light	Purging Indicator	Purge Complete Indicator	Pilot On Light	Main Flame Est. Light	Cage Clamp-Style Terminal Blocks	AB Micrologix 1200 PLC	Alarm Horn	First Out Annunciation	Adjustable Pilot Interrupts
Value-Line	Value Mini (VM PNL)				X	X			X	X	X	X	X	X	X				X
	Value Intermediate (VI PNL)				X	X	X	X	X	X	X	X	X	X	X				X
	Value Combustion (VC PNL)	X	X	X	X		X	X	X	X	X	X	X	X	X				X
Standard-Line	Standard Mini (SM PNL)				X	X			X	X	X	X	X	X	X	X			
	Standard Intermediate (SI PNL)				X	X	X	X	X	X	X	X	X	X	X	X			
	Standard Combustion (SC PNL)	X	X	X	X		X	X	X	X	X	X	X	X	X	X			
Premier-Line	Premier Mini (PM PNL)				X	X			X	X	X	X	X	X	X	X	X	X	
	Premier Intermediate (PI PNL)				X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	Premier Combustion (PC PNL)	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	