

# Maxon Control Panels



**Combustion Control Panel System**



**Intermediate Combustion Control Panel**



**Burner Control Mini Panel**

Custom panels are available to meet your burner-related specifications. Your Maxon representative can help you choose from the broad range of options available.

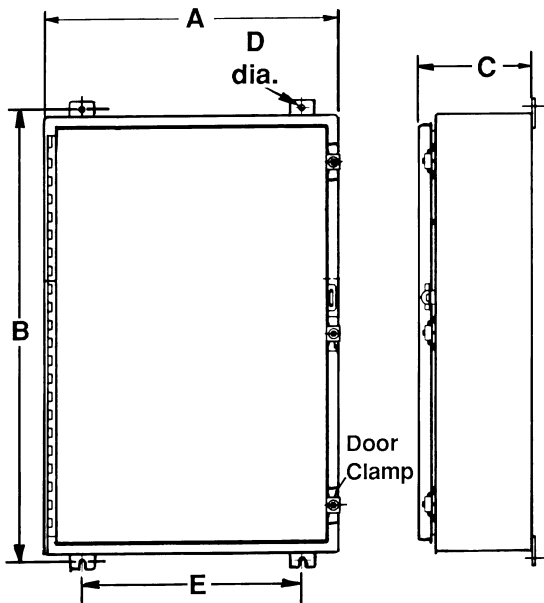
## Specifications and Dimensions (in inches)

**Maxon Burner Control Mini Panels** provide the basic functions of start-up sequencing and flame supervision for single burner systems. They are available in either NEMA Type 12 & 13 or NEMA Type 4 enclosures. Mini Panels require a supply voltage of 120/1/60 and include the following items:

- Flame safeguard (non-recycling, for flame rod or UV scanner)
- Power on/off selector switch
- Combustion air purge timer
- Pilot interrupt timer
- Ignition transformer and 15 feet of ignition wire\*
- Indicator lights (interlocks proven, purging, burner on and flame out)

**NOTE: Mini Panels do not incorporate temperature control, high temperature limit, or other features which are required for many applications. These functions must be provided by others.**

### Combustion Control Panel Dimensions



Panel Type	A	B	C	D	E
Combustion Control Panel System	30	37.25	8	.44	24
Intermediate Control Panel	24	25.25	8	.44	18
Burner Control Mini Panel	14	16.75	6	.31	12

**Maxon Intermediate Combustion Control Panels** incorporate the basic functions of start-up sequencing and single burner flame supervision with current proportioning temperature control and a high temperature limit. Intermediate Panels are available in either NEMA Type 12 & 13 or NEMA Type 4 enclosures. Supply voltage for the Intermediate Panels is 120/1/60 and they include the following items:

- Flame safeguard (non-recycling, for flame rod or UV scanner)
- Power on/off selector switch
- Burner on/off selector switch
- Combustion air purge timer
- Pilot interrupt timer
- Indicator lights (interlocks proven, purging, purge complete, pilot on, burner on and flame out)
- Ignition transformer and ignition wire\*
- Firing rate actuator 4-20 MA input\*
- Thermocouples and total of 30 feet of wire\*

**NOTE:** Does not provide motor starters.

**Maxon Combustion Control Panel System** provides all functions required for combustion control, combustion air blower start-stop sequencing, single burner flame supervision, high temperature limit and current proportioning temperature control. Enclosures can be either NEMA Type 12 & 13 or NEMA Type 4. Supply voltage for the combustion control panel is 240 or 480/3/60 and includes the following items:

- Flame safeguard (non-recycling, for flame rod or UV scanner)
- 3 phase disconnect switch
- Control voltage transformer
- Size 0 motor starter
- Burner on/off selector
- Combustion air purge timer
- Pilot interrupt timer
- Indicator lights (air on, purging, purge complete, pilot on, burner on and flame out)
- Ignition transformer and ignition wire\*
- Firing rate actuator 4-20 MA input\*
- Thermocouples and a total of 30 feet of wire\*

\*items shipped loose

**The user of Maxon systems and components assumes responsibility for compliance with all applicable building, safety and fire prevention code requirements.**