

C-2A INDUSTRIAL FLAME SAFEGUARD

The C-2A Industrial Flame Safeguard, with ignition failure lockout, is a microprocessor based integrated burner control that comes complete with manual reset ignition and the capability to monitor and record ignition fault history.

Available for all Raytherm Boilers.

STANDARD FEATURES:

Safety features:

- Closed loop logic test
- Dynamic AMPLIC-CHECK™
- Dynamic input check
- Dynamic safety relay test
- Dynamic self-check logic
- Expanded safe-start check
- Internal hardware status monitoring
- Tamper resistant timing and logic
- Access for external electrical voltage checks

Communication interface capability

Dependable, long-term operation provided by micromputer technology

Five LED's for sequence information

Nonvolatile memory; RM7890 retains history files and sequencing status after loss of power



Raypak, Inc. reserves the right to make product changes or improvements at any time without notification.

OPTIONAL FEATURES:

C-20 Keyboard Display Module with Burner controller data:

- Expanded annunciator status (*annunciator ordered separately*)
- Flame signal strength
- Hold status
- Lockout/alarm status
- Sequence status
- Sequence time
- Total cycles of operation
- Total hours of operation

Fault history providing the six most recent faults:

- Cycles of operation
- Expanded annunciator data
- Fault messages and code
- Hours of operation
- Sequence status
- Sequence time

Diagnostic information:

- Device type
- Flame amplifier type
- Flame failure response time
- Manufacturing code
- On/Off status of all digital inputs and output
- Software revision and version of RM7890
- Status of configuration jumpers

C-21 First-Out Expanded Annunciator
26 LED's for limits and interlocks

C-22 Personal Computer Interface

C-23 Remote Display Module

C-24 Remote Reset Module
(Included on Keyboard Display)

Raypak®
A Rheem® Company