

ECLIPSE BI-FLAME MONITORING SYSTEMS

Microprocessor-Control for Dual Burner Systems

Now you can conveniently monitor, diagnose and troubleshoot with computerized reliability and precision

Advanced technology for dual-burner applications

Eclipse Bi-Flame Monitoring Systems are specifically engineered to control the startup sequence and monitor the flame of two individual gas, oil or combination gas/oil burners sharing a common valve train. Bi-Flame controls two flames as a single burner and is the ideal solution for controlling burners that must operate as a pair.

Bi-Flame Monitoring Systems incorporate a microprocessor logic module and DIP switch programming. Dynamic on-board testing checks for faulty relays, proof of valve closure, high and low fire switch interlocks, and air switch sequence. These "smart control" diagnostic capabilities let you quickly pinpoint, analyze and correct problems. Plus, these additional standard and optional features:

- Space saving design.
- Solid state controls and small plug-in modules.



- Flame sensing modules include dual inputs for either ultraviolet scanners or flame rods, or both concurrently – without changing the amplifier.
- Test mode for pilot adjustment.
- DIP switches make it easy to set sequence and timing functions and configure the system.
- Optional remote LCD display units, RS232/RS485 communication interfaces, auxiliary inputs with history log and valve leakage test sequence.

Bi-Flame Monitoring System

For dual burner applications.

Bi-Flame 4-Burner

Application – Control of 4 burners with the Bi-Flame Monitoring System requires two Bi-Flame units and two separate valve trains.

Features – Push button controls for reset, scan and enter functions along with LEDs to indicate flame on, flame fail and first out are provided on the module face.

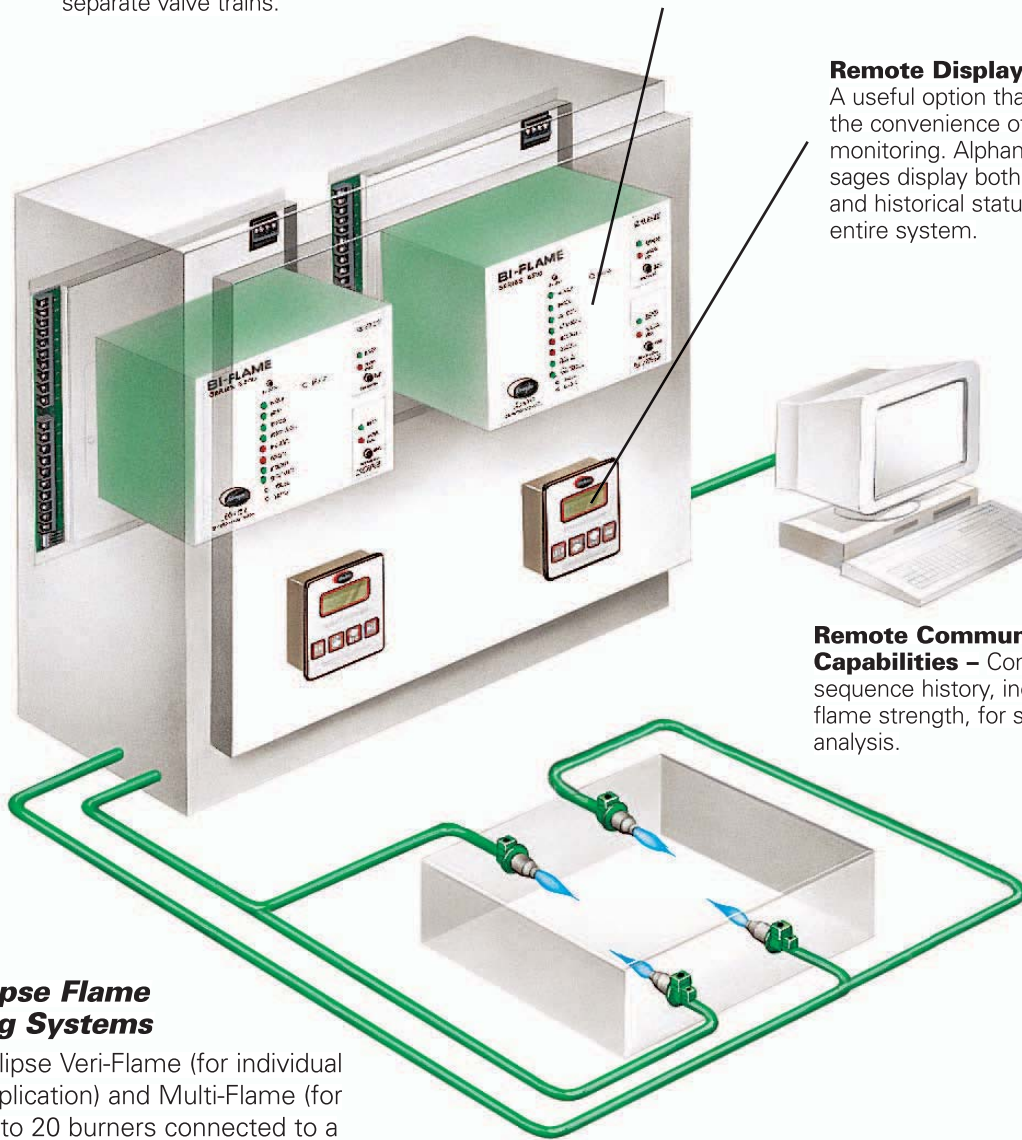
Remote Display Module –

A useful option that provides the convenience of remote monitoring. Alphanumeric messages display both real-time and historical status of the entire system.



Remote Communication

Capabilities – Compute sequence history, including flame strength, for system analysis.



Other Eclipse Flame Monitoring Systems

Ask about Eclipse Veri-Flame (for individual valve train application) and Multi-Flame (for control of up to 20 burners connected to a common valve train) microprocessor-controlled flame monitoring systems, and the Peek-A-Flame (for single flame detection without control sequencing).

ECLIPSE[®]
Innovative Thermal Solutions



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