



PARKER BOILER CONTROL PANEL

For All Boilers

Parker Boiler Standard Control Panel Box

All Parker Boilers are furnished with a heavy duty, hinged door BOILER CONTROL PANEL box to enclose the boiler controls and electrical wiring. Each panel is wired with an Electrical Color Code System to simplify field installation and maintenance by permitting the rapid identification of various control circuits.

ADVANTAGES

Constructed with heavy duty steel and hinged door for durability and safety. Attractive gray enamel finish.

Panel door opens fully to readily expose entire inside of control panel. This creates total access to service controls with easy to trace color coded wiring.

Complete with all wiring and controls. Wiring diagram and wiring color code chart are mounted on the inside panel or in a jacket inside the panel door.

Factory tested for quality and safety.

Controls mounted in cooler area assures long life and reliable service.

Electrical knock outs conveniently located on all sides of the panel box.

Door interlock furnished on any panels containing adjustable controls.



Boiler Control Switch for convenience in turning off boiler controls circuit and Main Burner Switch for separate control of burner are standard on all panels. The main burner switch acts as the alarm silencing switch on all boilers with alarms.

Individual Electrical components are approved by Underwriters Laboratories.

ETL listed custom lead lag and pump control panels available.



NEVER A COMPROMISE FOR QUALITY OR SAFETY

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PARKER-LITE SEQUENCE INDICATOR SYSTEM

For All Boilers



Standard Parker-Lite Sequence Indicator Systems

The PARKER-LITE SEQUENCE INDICATOR CONTROL SYSTEM features a multi-light indicator system whereby the operator can tell at a glance the exact operating stage of the boiler and immediately assess or isolate the cause of a failure. The panel and control system are expertly designed to offer a truly superior control panel and sequence indicator system operation. The Parker-Lite Sequence Indicator System is furnished standard on steam boilers 30 HP or larger and all boilers over 2.5 MM BTU. It is also furnished standard with FM and IRI trim and can be ordered on other models for a small additional cost.



Complete Sequence Indicator System

The Parker-Lite System indicates actual operating conditions in the boiler. During normal operation, all lights will be on. Should any unsafe conditions occur, the main burner is immediately shut off and the appropriate light turns off indicating the problem area.

The light will automatically turn back on when a safe operating condition is re-established. Some newer flame safeguard systems provide additional diagnostic indicator lights so that eight or more conditions can be monitored when combined with the Parker-Lite.

Indicator Lights

Several variations are available but the standard system is equipped with lights indicating these conditions:

- 1.) Control Power On
 - 2.) Level Safe
 - 3.) Limit Safe
 - 4.) Pilot On
 - 5.) Burner On
- or
- 1.) Control Power On
 - 2.) Level Safe
 - 3.) Limit Safe
 - 4.) Call for Heat
- The "Burner On" or "Call for Heat" and the "Pilot On" light, on interrupted and intermittent pilot systems, will cycle during normal operations.

Economy

Service calls and down-time are minimized since the system itself saves time by immediately isolating the trouble condition that has shut off the boiler. The cause of a failure can often be isolated easily over the phone and the problem solved without a service call.

Safety

The boiler safety controls shut off the main burner with any failure and the indicator light turns off so the operator immediately knows where the failure has occurred. Because all lights are lit during normal operations burned out lights can be quickly spotted and replaced.

Quality Construction

The Parker-Lite Indicator System is wired with an electrical color code with each light having a different colored lead wire. Indicator lights are mounted on the control panel door to assure visibility from three directions.

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