



ControlLinks™ Fuel Air Control System Go Linkage-less

Enjoy the accuracy, efficiency, features and price of microprocessor-based fuel-air control

Now you can get more from fuel-air control in power burner applications. Greater accuracy. More efficient burners. More features. Less service time. Less down time. And a reasonable price.

How? The Honeywell ControlLinks™ system. It gives superior performance and quality over conventional jack-shaft systems with the benefits of a microprocessor-based fuel-air control.

Key features

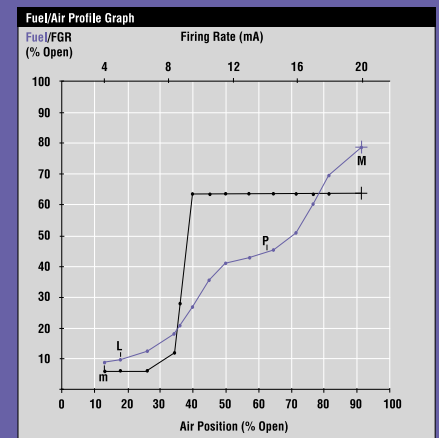
- **Controls to 0.1 degree accuracy** across two independent fuel air curves for greater efficiency. The upshot: reduced energy costs, less environmental impact

- **Reduced set-up time** for OEMs and onsite contractors. A contractor can complete setup for a two-fuel system in just 4 to 6 hours compared to the 8 to 16 hours when jackshafts are used
- **Easier and faster** to service than mechanical cam and linkage assemblies
- **Innovative safety features** include a unique feedback potentiometer circuit, component anti-swap protection and curve verification algorithms
- **Basic LED diagnostics** speed troubleshooting and reduce downtime. Get full diagnostics information through a PC or laptop



Honeywell ControlLinks™ system

Maximum efficiency



One-fuel with FGR curve. Get optimal combustion efficiency and savings.

In a major advantage over jackshafts, the ControlLinks system allows you to develop entirely independent combustion curves for each fuel.

The ControlLinks system uses:

- Unique air curves and fuel curves
- Separate light-off points
- Different minimum and maximum modulation points

Compare that with traditional jackshafts. They use a single-source modulation point, making fire-rate curves for two fuels interdependent—and less precise. Plus, wear and tear on mechanical components erodes accuracy.

Get superior performance and quality at a competitive price. Ask for the Honeywell ControLinks™ Fuel Air Control System on your new burner equipment.

System components

R7999 Fuel Air Ratio Control

- Monitors and controls the burner fuel and air flows to maintain proper combustion
- Provides LED status for power, alarm and motor drives
- Includes fault-annunciating LEDs



Q7999 Wiring Subbase

- For ease of installation, all wiring goes to this panel-mounted subbase

ML7999 Universal Parallel-Position Actuator

- Provides 100 lb.-in. torque to control combustion air dampers, modulating fuel valves, oil modulation valves and flue gas recirculation (FGR) dampers
- Optimizes burner performance by providing precision potentiometer feedback to the R7999 control

ZM7999 Commissioning Software

- Configures the R7999 control with online, step-by-step instructions
- Windows 95/98 compatible
- Can be used as a service tool to access fault history information
- Can be used to commission more than one ControLinks system

Honeywell

Get quality, reliability and technology leadership: Turn to Honeywell's complete line of burner-boiler controls for all your industrial and commercial application needs.

Gas valves

The most extensive flame safeguard valve offering

Gas/air pressure switches

Cut costs, improve reliability with more compact switches

Limits and controllers

The industry standard in pressure controls

Programmings and primaries

Safety, functional capacity and features

Unique solutions

Greater accuracy and energy efficiency

Communications

Web access to burner control; network with building or industrial systems

A7999 Portable Combustion Analyzer

- Portable diagnostic tool (optional) expedites burner setup



S7999 Display Module

- Monitoring and diagnostic tool (optional) gives you diagnostic, configuration and fault information —instantly



Learn more

For more information, contact your Honeywell representative, go to www.honeywell.com/bbc/ or call 1-800-345-6770, ext. 423.

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