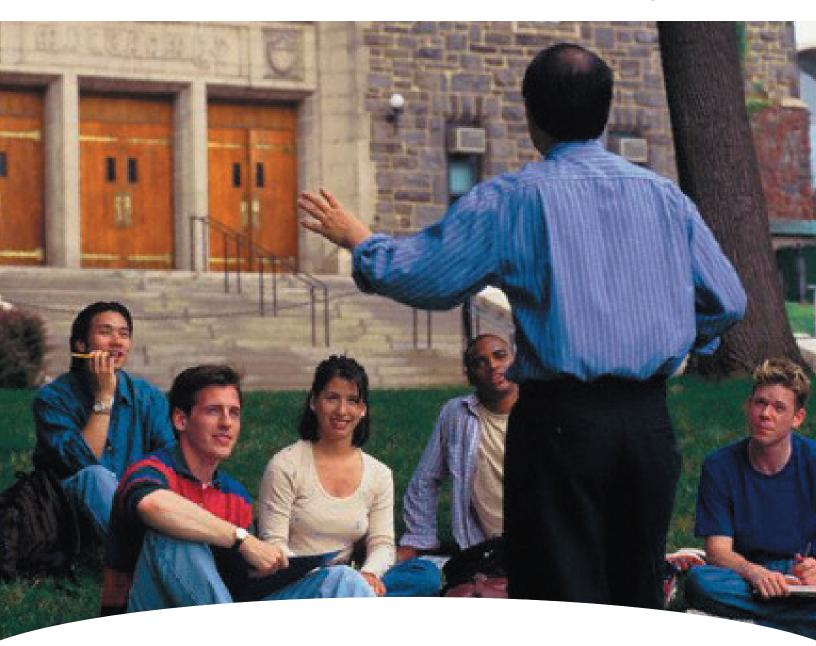
ControLinks[™] Fuel Air Control System Honeywell





Get superior performance, improved accuracy and fuel efficiency with Honeywell ControLinks[™] microprocessor-based fuel air ratio controls on your burner equipment. Control accuracy to 0.1 degrees provides accurate fuel air ratio curves and improves combustion efficiency, which means fuel savings for you. It all adds up to more accuracy and efficiency, as well as less service and downtime.

ControLinks[™] Fuel Air Control System



ControLinks[™] uses unique air curves and fuel curves, separate light-off points and different minimum and maximum modulation points. Innovative safety features include a unique potentiometer circuit, component anti-swap protection and curve verification algorithms.

The new S7999B programming display allows you to commission the ControLinks[™] Fuel Air Control System using the touchscreen with four color graphics. This eliminates the need for a laptop or PC for commissioning. Diagnostic information can be accessed for ControLinks[™] and for 7800 SERIES Controls using this display.

For more information about ControLinks[™] Fuel Air Control System, contact your Honeywell Representative, call 1-800-345-6770, ext. 423, or visit customer.honeywell.com.

SYSTEM COMPONENTS:

R7999 FUEL AIR RATIO CONTROL

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

S7999B CONTROLINKS SYSTEM DISPLAY (CSD)

- Optional tool that provides an interface for the entire burner/boiler system
- Large, full color, touchscreen display module
- Two additional LEDs indicate CSD power and communications

Q7999 WIRING SUB-BASE

• For ease of installation, all wiring goes to this panel-mounted sub-base

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

- Can be used to configure 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

A7999 PORTABLE COMBUSTION ANALYZER

• Portable diagnostic tool (optional) expedites burner setup

The Following ControLinks [™] Demos And Toolkits Are Also Available:	
Item #	
DSP3548	ControLinks Tool Kit
DSP3544	ControLinks Demo
DSP3822	S7999B Demo

Automation and Control Solutions

Honeywell 1985 Douglas Drive North Golden Valley, MN 55422 800-468-1502 customer.honeywell.com

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