



THE LINKAGELESS RETROFIT SOLUTION

- QUICK INSTALLATION
- ENERGY AND FUEL SAVINGS
- PAYBACK INCENTIVES



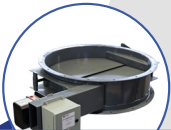
COMPLETE EFFICIENCY PACKAGE



VSD



O2 TRIM



DRAFT CONTROL



FLUE TEMP LOCKOUT



AUTOMATIC VALVE PROVING



(203) 743-6741



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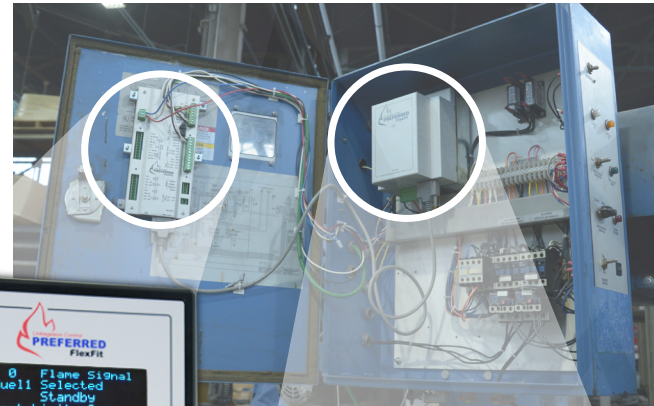
FLEXFIT CONTROLLER

The FlexFit controller brings linkageless control to your burner with an integrated flame safeguard system. This quick and easy retrofit solution increases savings, efficiency, and improves control in the boiler room. The FlexFit flame safeguard plugs directly into Fireye E110 and Honeywell RM7800L wiring bases, eliminating extensive re-wiring.

Retrofitting a burner with a FlexFit provides advanced features such as: oxygen trim for fuel savings and Safety, FD Fan variable speed drive (VSD) for electrical savings, automatic gas valve proving for Safety, high flue temperature lockout prevents boiler damage, and draft control for stable combustion. Linkageless control also provides wider burner turndown which reduces start-stop cycling, purge heat losses, and burner corrosion.

The FlexFit integral keypad and screen is operator friendly. Setup and burner Fuel/Air/FGR curve setup is intuitive and does not require a laptop. The last 50 time and date stamped Lockout/Alarm/Event messages are stored and displayed on the screen for troubleshooting. Up to 76 data points are saved for each of the last 10 Lockouts and can be displayed for in-depth troubleshooting.

Multiple firing rate control sensing and control modes, as well as warm standby methods make FlexFit compatible with almost all existing boiler sequencing/firing rate plant controllers. RS485 Modbus communications makes local building automation integration, or Remote Cloud monitoring easy to implement.



FF-CC
Fuel-Air Ratio
Firing Rate
Draft



FF-78 or FF-110
Flame Safeguard

PAYBACK INCENTIVES

RETROFIT

FlexFit-78 plugs directly into a Honeywell RM7800L flame safeguard wiring base.

FlexFit-110 plugs directly into a Fireye E110 flame safeguard wiring base.

This cuts down installation time and cost.

SAVINGS

FlexFit reduces operating costs with Oxygen Trim, FD Fan VSD speed control, Draft control, and wider burner turndown.

FlexFit enhances Safety with Low Oxygen trip, High Flue Gas Temperature trip, Gas Valve Proving, and Servo Self-Checking

energy-saving
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nationalgrid



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