

Commercial/Industrial Combustion Product Overview

Delphi Combustion Efficiency Panel Packaged Burner and Fuel/Air Ratio Control with O₂ Trim

- Works with a wide variety of burners and boilers
- Integrated flame safeguard control and linkageless fuel/air ratio control with O₂ trim
- Components housed in one panel
- Reduces overall purchase, installation and commissioning costs
- O₂ sense and trim capability:
 - > O₂ trim and sensor enable/disable
 - > Compensates for variable combustion air
 - > High accuracy O₂ sensor with quick response and open air calibration feature
 - > Separate O₂ setpoint at each 10% step of firing rate
 - > Sensor has no moving parts or replaceable filters
- Industrial panel PC with large 12-inch color touchscreen interface
 - > System set-up entirely via touchscreen interface
 - > Embedded software for commissioning, control and monitoring
- Fuel/air ratio control features:
 - > VFD capability - reduces fan energy costs
 - > Available actuators from 100 to 400 in lbs
 - > Firing rate/load control via temperature, pressure or manual operation
 - > Firing rate limiter algorithm helps prevent overshoot
 - > Ramp rate limiter algorithm helps prevent thermal shock
 - > Low fire hold capability via process variable
 - > Dedicated actuator and VFD channels with feedback
- NEMA 12 enclosure with 2 filter kits
- 4-20mA sensor inputs
- Lockout history for last 6 months

