

# Nexus® Combustion Efficiency Systems Burner Controls



## NXF4000 and PPC4000

Designed for combustion efficiency applications  
optimized for performance and affordability



**NEXUS®**

### NXF4000

Advanced Burner Management System with Parallel Positioning and Integrated Flame Safeguard



**NEXUS®**

### PPC4000

Air/Fuel Ratio Control

*Requires flame safeguard system such as BurnerLogiX® or Flame Monitor®*

### Features

- Eliminates external flame safeguard
- Increases efficiency
- Reduces fuel consumption
- Reduces emissions and greenhouse gases
- Reduces downtime and maintenance

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### Technical Specifications

	NXF4000	PPC4000
Supply Voltage	120/230 VAC, 50/60Hz	120/230 VAC, 50/60Hz
Power Consumption	Approx. 15 VA (with display attached & no accessories)	Approx. 15 VA (with keypad display attached & no accessories)
Ambient Temperature Range	32° to 140°F (0° to 60°C)	32° to 140°F (0° to 60°C)
Typical Loads	Display: 6 VA Oxygen Probe: 12 VA FX04: 5 VA FX20: 15 VA FX50: 20 VA	Display: 6 VA Oxygen Probe: 12 VA FX04: 5 VA FX20: 15 VA FX50: 20 VA
Branch Circuit	2000 VA	2000 VA
Control Unit Dimensions	5.0" (127mm) wide x 8.0" (203mm) high x 4.0" (102mm) deep	5.0" (127mm) wide x 8.0" (203mm) high x 4.0" (102mm) deep
Weight	2.25 lbs (1.02kg)	2.25 lbs (1.02kg)

# Nexus® Combustion Efficiency Systems

## Burner Controls



### BURNER CONTROL SYSTEM

An electronic parallel positioning and O2 trim combustion control system, the NXF4000 model offers integrated burner management.

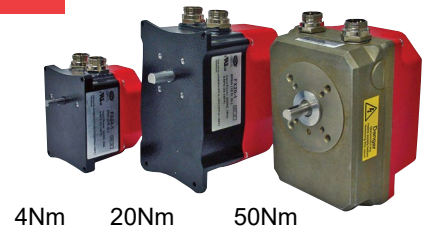
#### NEXUS EFFICIENCY CONTROLLER

NXF4000  
PPC4000



#### SERVO MOTORS

FX Series



4Nm    20Nm    50Nm

#### DISPLAYS



NXD410TS



NXTSD512HD

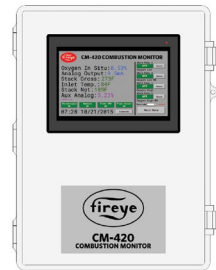
NXTSD507HD

#### OXYGEN MEASUREMENT



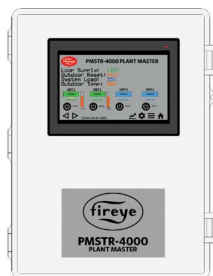
NXCESO2

CM-420



#### PLANT MASTER

PMSTR-4000



#### SENSORS



BLPS



FXIATS



TS350/752

#### SCANNERS



UV1AL



UV90L



48PT2



85UVF/IRF



95DSS3

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