

# Nexus® NX6300 Combustion Control



The NX6300 is the **newest** member of the versatile 6000 series family of combustion efficiency burner controls that can be configured to control a variety of burner applications.

Many of the features of this controller are carried over from the established Fireeye NX6100 controller. Auxiliary devices include servos, flame detectors, burner and boiler sensors, and Oxygen trim system components.

## Features

- Small footprint: 6.3" (16cm) x 3.54" (9cm) x 2.56" (6.5cm)
- PID load control with measurement from PT1000 / 4-20mA sensors
- Track Modulation Selectable
- 2 profiles — Gas / Oil
- 1 VFD with 0 – 10V output and feedback from a 4-20mA loop or Encoder
- Option for PWM fan speed output instead of VFD
- 3 CANbus servos can be connected - NXC04, NXC12, and NXC20 compatible
- Supports Combustion Air Pressure profiling using CANbus sensor
- Six programmable digital inputs (2 Line Voltage 120Vac and 4 Low Voltage 24Vac)
- Supports UV (UVSC CANbus Sensor) or Infrared IR scanners
- Modbus RTU communications on board
- Option to add O2 trim (NX6083-1 / NXO2TRIM)



Servo



Smartphone / tablet APP

## Display Options

- Onboard 2" OLED display with Bluetooth connectivity utilizing a smartphone or tablet with APP
- Compatible with NX6220 / NX6330 keypad display



NX6220 / NX6330 Keypad display

For more information, please [contact](#) your local Key Account Manager.

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