



Forced Draft Burner Management System

CSC400-FD



- CSA approved for Class I Div 2 location, CSA B149.3-15, E60730-1-2013, ANSI Z21.20-2014, CAN/CSA C22.2 No. 60730-2-5-2014 Compliant, meets NFPA standards
- Type 4X enclosure, corrosive resistant and weatherproof
- Easy to navigate menu system
- Pre-purge, post-purge times configurable
- Pressure transmitter input for combustion air
- Air/gas ratio tuning control
- All-in-one design. No need for external enclosure or additional controls.
- Reliable pilot system.
- Modbus communications built in.
- Low power consumption
- 100% Failsafe design
- Customizable 4-line display
- Onboard solenoid driver for power reduction to solenoids and peak-hold solenoids
- Three adjustable type-K thermocouple inputs for monitoring process temperatures and high temperature
- Pilotless or continuous pilot operation
- Full annunciation of shutdowns: flame fail, power fail, level, remote S/D, pressure, high temperature, proof of closure and more.
- Monitor gas flow and tank levels
- Two 4-20 mA Inputs
- Two 4-20 mA Outputs
- Three solenoid outputs
- Large accessible box
- Ignition module mounted on board or remotely
- 12/24 VDC and solar
- Operational ambient temperature of -40° to + 60° C (Celsius or Fahrenheit readout)



ACL Forced Draft CSC400-FD Combustion Safety Controller

The **ACL Forced Draft CSC400-FD Combustion Safety Controller** is a leading edge burner management system which provides burner ignition and air/fuel ratio control for forced draft burner applications. It monitors three separate thermocouple inputs that can be used for temperature control in process applications such as tanks, line heaters, re-boilers or any other applications where accurate temperature monitoring and/or control is required. The CSC400-FD can be configured to be used on forced draft incinerators, combustors, and air-assisted flare stacks as well. The CSC400-FD provides control for fuel and air ratios for fine tuning. Modbus communications for measurement and control is provided as standard.



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