



# ACL

Manufacturing

A Division of ClearRushCo.

# Combustion Safety Controller

## Model: ACL 5100

The **ACL 5100 Combustion Safety Controller** is a safe, reliable **Burner Management System** that is designed to ignite and prove a continuous pilot and monitor and annunciate shutdowns for all types of natural gas fired heaters and industrial-sized burner applications:

Line heaters  
Treaters  
Re-boilers  
Dehydrators  
Tanks  
Separators

The ACL 5100 is a key component in a complete system that provides safe, reliable, high efficiency, low NOx solutions which meets the requirements of CSA B149.3 and NFPA 86 guidelines.

ANSI/UL Standard 698 13th Edition Industrial Control Equipment for use in Hazardous (Classified) locations



### Approvals

CSA approved for Class I Div 2 location  
CSA B149.3-20  
C22.2 No 199-M89  
E60730-1-2013  
ANSI Z21.20-2014  
CAN/CSA C22.2 No. 60730-2-5-2014  
Compliant, meets NFPA standards (with  
IGN400-PM Ignition Module)

(See product specification sheet on reverse)

[www.clearrushco.com](http://www.clearrushco.com)

1-877-638-5234 (403) 638-5234

Clear Rush Co.  
Box 1898, 5406 Township Road 325B  
Sundre, AB T0M 1X0  
Canada



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## Features

NEMA Type 4X enclosure, corrosive resistant and weatherproof

No Programming Required.

Remote Stop and Start capabilities

100% Failsafe design: Ignition Module CSA certified to C22.2 60730-2-2014, ANSI Z21.20-2014

Easily installed with any burner

Flame out response time of < 1 second

Available for 12/24VDC (solar option) and 120/240VAC power supplies

Low power consumption

Single burner operation

Proof of Closure feature

Pilot and Main solenoid outputs, up to 2A each

First out annunciation with LED indication of Shutdown/Flame Fail, Pilot, and System On

Allows simple connection to TC200 Temperature controller for temp control and high temp shutdown.

Operational ambient temperature of -40°C to +60°C

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