



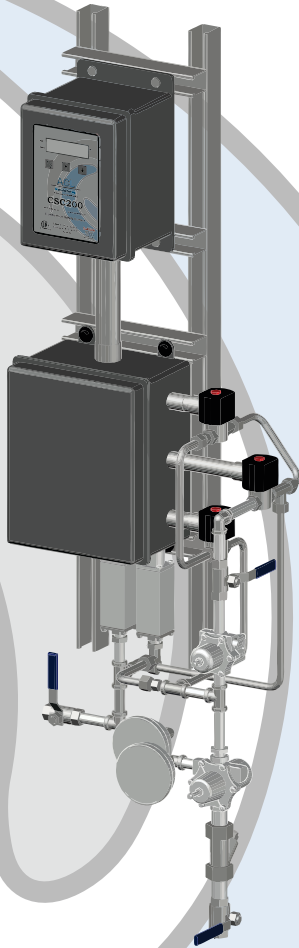
ACL

Manufacturing

A Division of ClearRushCo.

Fuel Train and Controller

Model: ACL - CVT250



Approvals

Up to 500,000 BTU

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

(See product specification sheet on reverse)

The ACL-CVT250 Combustion Safety Controller is a reliable Burner Management and valve train system that provides burner ignition and flame fail sensing for small burner applications (up to 500,000 BTU).

Line heaters

Treaters

Re-boilers

Dehydrators

Tanks

Separators

The ACL-CVT250 provides a CSA compliant fully assembled valve train complete with controller, High Efficiency Burner, 1/4" NPT solenoid shut-off valves, junction box, high & low pressure switches, ignition module, and stainless steel tubing. It is fully wired, piped, and tested. It monitors two 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. Modbus communications are built in.

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

Type 4X enclosures, corrosive resistant and weatherproof, large and accessible

CSA Pre-Approved for B149.3-20, NFPA 86 compliant

Pre-Assembled with CSA certified components approved for Class I, Div 2 Zone 2 location

Stainless steel tubing and shut off valves

Liquid-filled or dry gauges

CTV250 comes complete with BMS controller, High Efficiency Burner, 1/4" NPT solenoids, junction box, high & low pressure switches, and ignition module

All pre-wired and tested (gas and electrical)

No Programming Required.

Pilotless or continuous pilot operation

12/24VDC and solar

On/Off Switch

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

Full annunciation of shutdowns: Flame Fail, Power Fail, Level, Remote S/D, Pressure, High Temperature (TC2), Proof of Closure.

Two adjustable Type-K thermocouple inputs for monitoring process temperature and high temperature

Modbus communications built in

Remote Stop and Start via Modbus or Direct Control

Low power consumption (power save mode operates as low as 1.2W)

Onboard solenoid driver for power reduction to solenoids and peak-hold solenoids

Easy to read four digit, seven-segment LED display

LED indication of thermocouple 1 or 2 values displayed and burner operation

Brownout Protection - CSC200 can continue in previous state if a brownout/blackout condition is detected (selectable)

Operational ambient temperature of -40°C to +60°C (Celsius or Fahrenheit readout)

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