



ACL

Manufacturing

A Division of ClearRushCo.

Flare Stack/Incinerator Ignition System

Model: ACL 3200



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)

The **ACL 3200 Controller** is configurable for our Pilot Ignition System (PI), Flame Ionization System (FI), Ignitor Only System (I), and our High Energy Sparking System (HE).

The **ACL 3200 Pilot Ignition System (PI)** is a continuous pilot that uses a high voltage spark to light the pilot. The pilot is then monitored by a thermocouple. The thermocouple is used for alarming purposes or to turn off the sparking when the pilot is lit.

The **ACL 3200 Flame Ionization (FI)** uses a continuous pilot and high voltage spark to light the pilot. It uses a single ignitor/flame rod to provide both flame acknowledgment and ignition. May be used with ACL 1500 pilot/flame rod assembly.

The **ACL 3200 Ignitor Only System (I)** is similar to the PI system but a thermocouple is not present. The system continually sparks on the On/Off timers.

The **ACL 3200 High Energy Ignition System (HE)** provides a continuous spark to light the flare, even in extremely wet conditions. Alarm indicates spark integrity of HE spark tip.

www.clearrushco.com

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

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



ACL

Manufacturing

A Division of ClearRushCo.

Flare Stack/Incinerator Ignition System

Model: ACL 3200

System Features

NEMA Type 4X enclosure, corrosive resistant and weatherproof
No Programming Required.
12/24VDC (solar option). Low power consumption for solar operation.
Ignition Module CSA certified to C22.2 60730-2-2014, ANSI Z21.20-2014
4-20mA transmitter output
On board adjustable timer for On/Off settings
Onboard scaled thermocouple adjustments with two relay outputs (NC-COM-NO)
Fail safe alarm output
Modbus communication onboard
Onboard solenoid drivers for lower power consumption.
Stainless steel construction
Fully retractable
1400 lb winch and 5/32" SST aircraft hoisting cable
Controller operational ambient temperature of -40°C to +60°C (Celsius or Fahrenheit readout)

Pilot Ignition System Features

Continuous gas pilot
Air/Fuel mixer
Automatic relight via On/Off timers
Alarm provided by thermocouple sensing

Flame Ionization System Features

Continuous gas pilot
Continuous spark
Automatic relight upon Flame out
Alarm sensing through flame ionization

Ignitor Only System Features

Continuous high voltage spark ignition
No gas required, or where fuel gas is not available
Automatic sparking via On/Off timers

High Energy System Features

Continuous spark ignition
Alarm provided by electronic sensing of spark integrity
Ignitor sparks in extreme wet conditions
No gas required

www.clearrushco.com

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

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