



**Rush**  
**Industries**

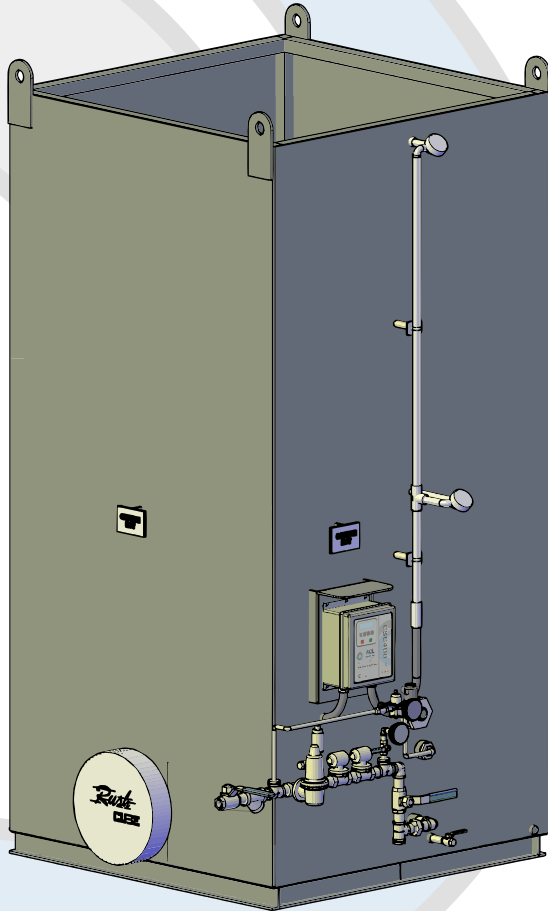
A Division of ClearRushCo.

# BGR Cube Combustor

Canadian Patent # 2854383

US Patent # 9709266B2

**Model: Cube 100 - 1500**



The BGR Cube is a highly versatile, low cost vapour combustor designed to destruct waste gas produced from casing gas, pneumatic devices, or storage tanks. The BGR Cube eliminates the need to install expensive vapour recovery units (VRU) or uneconomical incinerators that provides an economical alternative to venting or flaring.

The high efficiency burner provides low pressure continuous burning capabilities, high combustion efficiency, low emissions, zero odours, no visible flame, and increased flame stability with excellent turndown ratios for low pressure applications.

The BGR Cube comes complete with pre-built and pre-mounted B149.3 compliant valve train, CSA approved Class I, Div II ACL CSC400 controller, air intake flame arrestors, and temperature monitoring thermocouples for a complete plug-and-play system.

## Model Numbers Indicate Maximum Daily Gas Flow

100 = 150 m<sup>3</sup>/day  
200 = 200 m<sup>3</sup>/day  
500 = 500 m<sup>3</sup>/day  
1000 = 1000 m<sup>3</sup>/day  
1500 = 1500 m<sup>3</sup>/day

(See product specification sheet on reverse)

## Approvals

AER Directive 60 & Saskatchewan S 20

BMS Controller 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

[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



**Rush**  
**Industries**

A Division of ClearRushCo.

# BGR Cube Combustor

Canadian Patent # 2854383

US Patent # 9709266B2

**Model: Cube 100 - 1500**

## Combustor Features

Destruction removal efficiency greater than 99.9% and meets the requirements of AER Directive 60 & Saskatchewan S 20
Reduced spacing 10m from storage tanks or wellheads
Air intake flame arrestors
Skin temperature and exhaust temperature monitoring
No visible flame
Direct spark ignition or continuous pilot
5' x 5' x 10' high free standing (optional roof)
Waste burner burner volume up to 52,500 scf/d or 1500 m <sup>3</sup> /d
Customizable valve train to meet client needs

## Controller Features

CSA approved CSC400 Ignition Control System (meets CSA B149.3-20 and ANSI Z21.20-2014/CSA C22.2 No. 60730-2-5-2014 with new ACL IGN400-PM ignition module)
Monitors and controls combustion
Remote Stop and Start
Auto re-light, continuous trial for ignition
Direct or solar powered 12/24VDC (optional Rush Power available)
Modbus built-in for remote communication
Data logging & acquisition capabilities to meet EPA requirements
NEMA 4X enclosure, -40°C to 60°C ambient operational temperature

## Burner Features

Full stainless steel burner
Extremely stable at wide range of flow rates
No flame lift-off, impingement, or smoke
Reduced emissions (low NoX, and low CO)

[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