

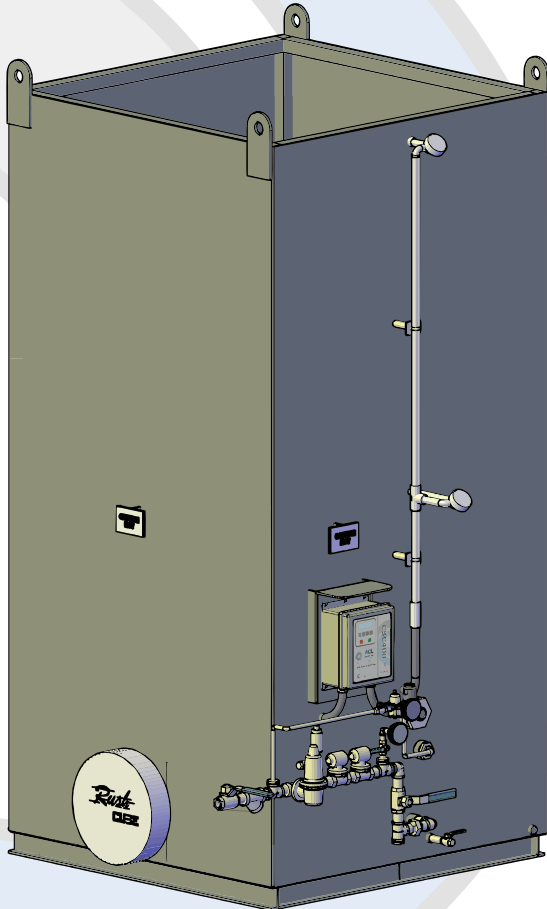
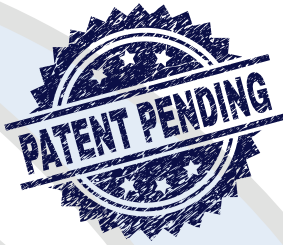


A Division of ClearRushCo.

BGR LP Cube Combustor

Patent Pending

Model: Cube 100 - 1500



The BGR Cube is a highly versatile, low cost vapour combustor designed to destruct volatile organic compounds (VOCs) and BTEXs 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 = 100 m³/day
200 = 200 m³/day
500 = 500 m³/day
1000 = 1000 m³/day
1500 = 1500 m³/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

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Canada



Rush
Industries

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BGR LP Cube Combustor

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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)
Low pressure (up to 15psi) burner volume up to 52,500 scf/d or 1500 m ³ /d
Excellent turndown ratio 5:1 - 15:1
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)

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