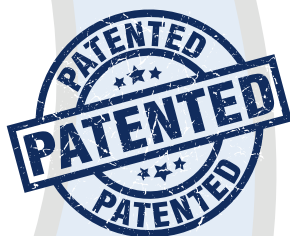
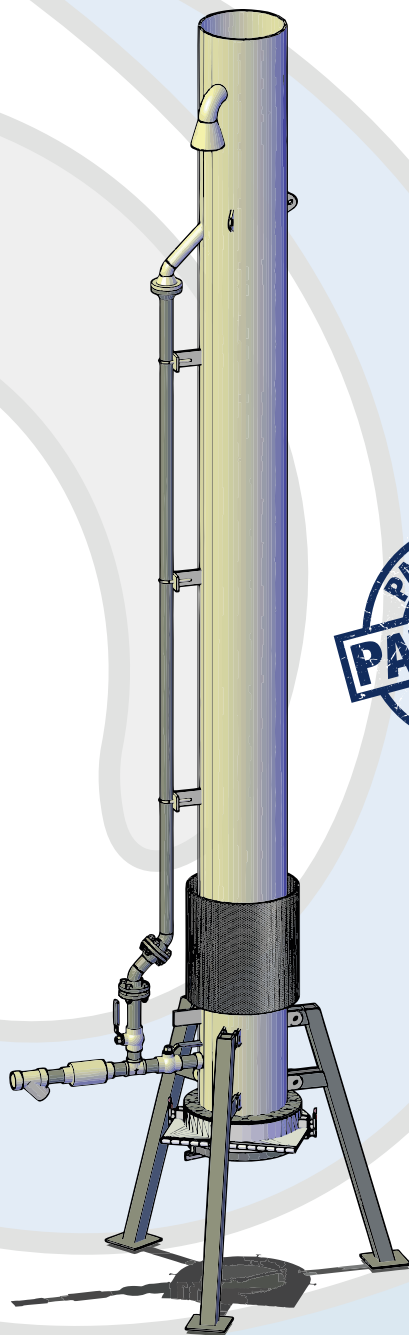


# BGR-LP/LP Eco Combustor

PATENTED

## Model: BGR - 18LP/LP Eco



The Patented BGR-18LP/LP Eco Combustor is a highly versatile, low cost vapour combustor designed to destruct volatile organic compounds (VOCs) and BTEXs produced from casing gas, oil storage tanks, de-hys, produced condensate, and water storage tanks, or depressuring vessels and pipelines.

The high pressure line on the outside of the combustor chamber provides high pressure blow down capabilities or additional low pressure flaring capabilities. Interchangeable flare tips allow for a wide range of flow rates in compliance with NSPS Subpart A flare velocity requirements.

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

### Approvals

AER Directive 60 & Saskatchewan S 20  
Meets or exceeds the US EPA NSPS 40 Subpart 0000 (Quad "O")  
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

(See product specification sheet on reverse)

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

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

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Canada



**Rush**  
**Industries**

A Division of ClearRushCo.

# BGR-LP/LP Eco Combustor

PATENTED

**Model: BGR - 18LP/LP Eco**

## Combustor Features

Patented high volume combustion device

1,700,000 scf/d HP flow rate capacity

20,000 scf/d LP flow rate capacity

Meets or exceeds the requirements of AER Directive 60 & Saskatchewan S 20 and US EPA NSPS 40 Subpart 0000 (Quad "O")

High pressure destruction efficiency greater than 98%

Low pressure destruction efficiency greater than 99.9%

LP operating pressures from 0.09 psi (1.5 oz/in<sup>2</sup>) to 1.5 psi

HP operating pressures from 0 psi to 120 psi

18" x 20' high stainless steel fire tube

Excellent turndown ratio

Heat shield for operator's safety

## Controller Features

CSA approved ACL3200 or CSC400 Ignition Control System (meets CSA B149.3-20)

Monitors and controls ignition for LP combustor and HP flare

Remote Stop and Start

Auto re-light, continuous trial for ignition

Solar operated 12/24VDC (optional Rush Power available)

Thermocouple and thermowell for temperature sensing and monitoring (optional)

Data logging & acquisition capabilities

Modbus communication capabilities built in

## Burner Features

Full stainless steel burner

Air and fuel assist capabilities

Extremely stable at wide range of flow rates, down to 1.5oz/in<sup>2</sup>

No flame lift-off or impingement

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