

# RIBBON BURNERS

SERIES: RB

REVISION: 0

## DESCRIPTION

Ribbon Burners are generally used in direct fired baking and food processing applications. Found on tunnel type ovens, these burners are suitable for bread, cookie, cracker, pita, snack ovens and many more applications.

The Ribbon burner is designed to deliver a continuous even flame space over the length of the burner or width of the conveyor. Manufactured using special stainless steel ribbons, the ribbons are configured in different patterns to achieve the desired BTU/hr capacity. The burners offer easy propagation, exceptional flame retention, and uniform heat distribution across the entire length of the burner at both low and high fire settings.

Standard Ribbon burners are manufactured in any length, various capacities, and available in pipe sizes from 1" – 3". The burners are capable of offering up to an 8 to 1 turn down ratio, and are also suitable for applications where the secondary air supply is minimal. These long lasting burners ignite easily and the flame travels to all ports instantaneously.

Burners are available as complete assemblies or as replacement burner bodies only.

The complete assemblies are packaged with the following:

- Flange Plate
- Ignition Electrode Mounting Gland
- Observation Port
- Flange Plate Gasket
- Ignition Electrode
- Air / Gas Mixer with Orifice

## Safety

All burners should be outfitted with an ignition and flame safeguard system. Ordan Thermal manufactures the Burner Buddy® flame management system. Monitoring and initiating the process of burner ignition and flame management, the Burner Buddy® is a cost effective flame safety built with CSA approved components.

## Multi-Zone Ribbon Burners

Also known as Tri-Zone, these high capacity ribbon burners offer great control over lateral heat requirements. Maintaining heat requirements while controlling different BTU inputs and heights of the flame over the length of the burner offers greater control of positional output of the burner flame space. The burner flame can be adjusted as desired to position greater flame heights for the near, middle and opposite sides of the burner.



**RIBBON BURNER**



**ORDAN THERMAL PRODUCTS LTD**  
Combustion Equipment & Controls for Industry  
21 Amber St # 9, Markham Ontario Canada L3R 4Z3  
Tel: (905) 475-9292 Fax: (905) 475-3286  
[www.ordanthermal.com](http://www.ordanthermal.com)

The information contained herein is believed to be accurate but all suggestions are made without guarantee because the conditions of actual use are beyond our control. Ordan Thermal disclaims all liability incurred in connection with the use of this data or suggestions.