

RADIANT WALL BURNER

RW Series



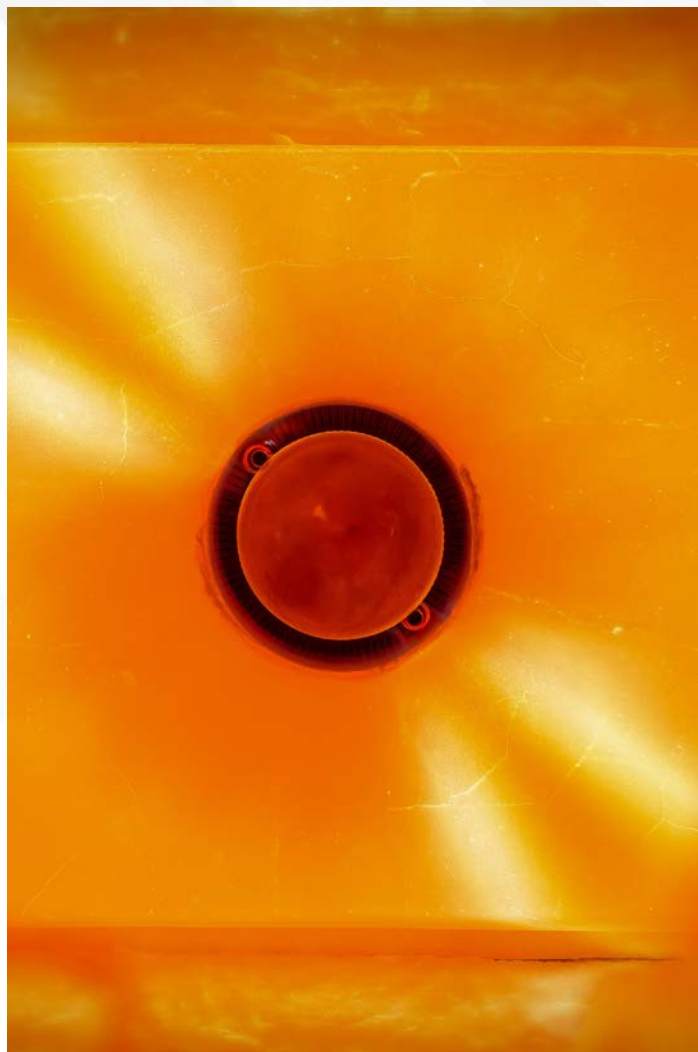
BURNERS | FLARES | THERMAL OXIDIZERS | VAPOR CONTROL | RENTALS | AFTERMARKET



RWSF Burner

Description

The ZEECO® RW burner is a pre-mixed, staged fuel, radiant wall burner.



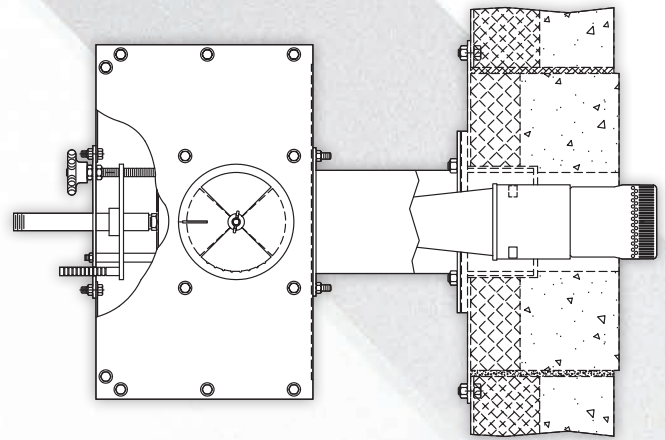
Radiant Wall Burner

Technology

Zeeco offers a full range of burners for cracking furnaces, including our RW series low emission pre-mixed radiant wall burner. The ZEECO low emission RW series burner utilizes an advanced venturi design, a customized gas tip and secondary fuel gas injection to achieve very low NO_x emissions. All of this takes place without creating flame interaction or flame flashback problems.

Design Features

- Stable flame over a wide range of conditions
- Turndown of 3:1 or greater for most cases
- Reduced possibility of flashback
- Long service life
- Operations with a wide range of fuels
- 304 stainless steel spun venturi / mixer
- 310 stainless steel (type HK) gas tip



Design Information

Burner Model	RW Radiant Wall Burner
Fuels	Gas Only
Description	Pre-Mixed Radiant Wall Burner
NOx Reduction Method	Pre-Mixing of the Air and the Gas
Predicted NOx Emissions Range (Natural Draft)	18 to 55 ppmv
Combustion Air Induction	Natural & Induced Draft
Mounting Options	Side-fired
Natural Draft Heat Release Range	0.25 to 1.8 MMBtu/hr [0.073 to 0.527 MW]
Turndown	3:1
Typical Excess Air Range	10 to 15%



The Zeeco Difference

By concentrating on what we do best, Zeeco has grown into a worldwide leader in combustion and environmental solutions. We are a privately held company whose ownership stays highly involved in daily operations, with upper management comprised of the world's leading combustion experts.

When you call Zeeco, we answer. When you make a request, you get a quick, efficient response. We are lean and efficient, able to make decisions quickly, without bureaucracy and red tape. Our sales, engineering, and purchasing groups work hand-in-hand to deliver highly competitive quotes and heroic turnaround times. We stand ready and willing to travel anywhere in the world to discuss upcoming projects firsthand, and to ensure that every existing project runs seamlessly.

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