



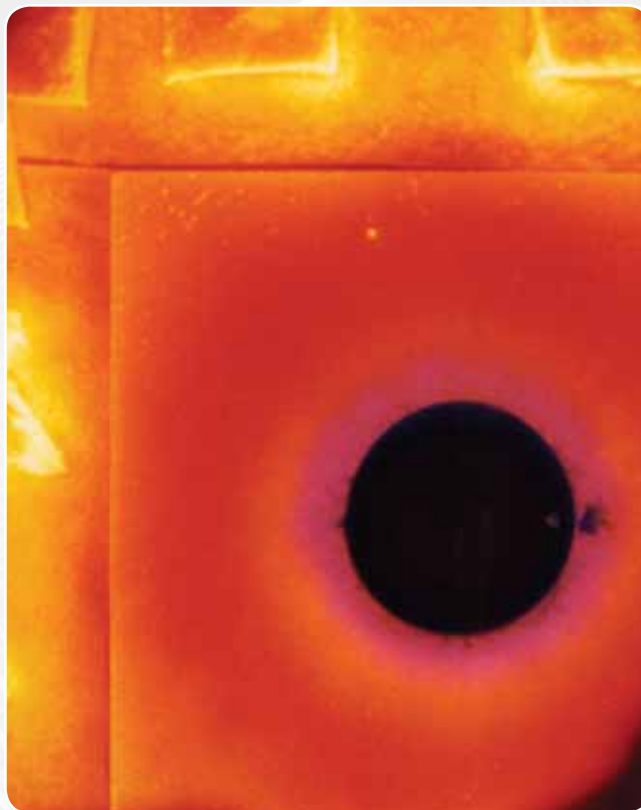
RADIANT WALL BURNER

COMBUSTION AND ENVIRONMENTAL SOLUTIONS.
PURE AND SIMPLE.®

RW Series



RWSF Burner



RWSF Burner (straight on shot)

DESCRIPTION

The ZEECO® RW burner is a premixed, staged fuel, radiant wall burner.

TECHNOLOGY

Zeeco has a full range of burners for cracking furnaces including our RW series low emission premixed 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 NOx emissions. It does this without creating flame interaction or flame flashback problems.



BURNERS



FLARES



INCINERATORS



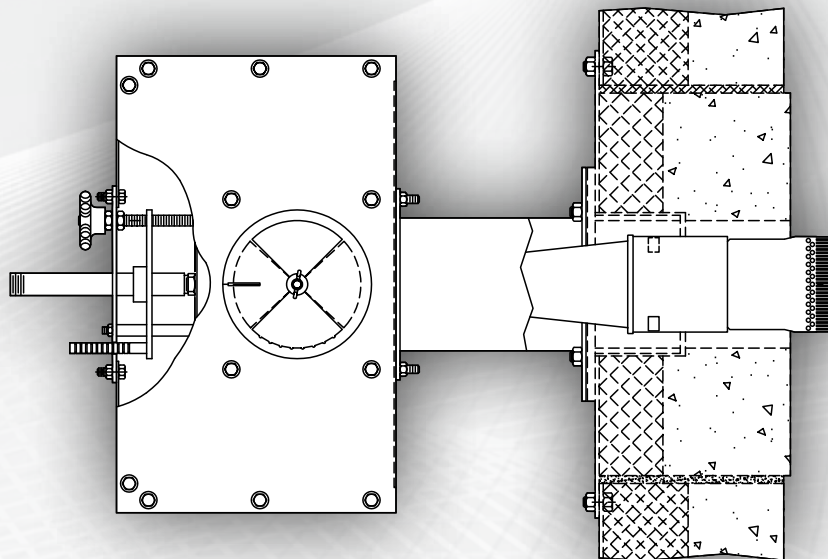
PARTS & SERVICE

COMBUSTION AND ENVIRONMENTAL SOLUTIONS.
PURE AND SIMPLE.®

Radiant Wall Burner

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



RW Burner

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 ppmv to 55 ppmv
Combustion Air Induction:	..... Natural & Induced Draft
Mounting Options:	..... Side-fired
Natural Draft Heat Release Range:	..... 0.25 MM to 1.8 MM Btu/hr [0.073 to 0.527 MW]
Turndown:	..... 3:1
Typical Excess Air Range:	..... 10% to 15%

CERTIFICATIONS APPLY TO ZEECO HEADQUARTERS ONLY.



CERTIFIED
NBBI



CERTIFIED
ASME



CERTIFIED
ASME



REGISTERED
ISO 9001: 2008

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