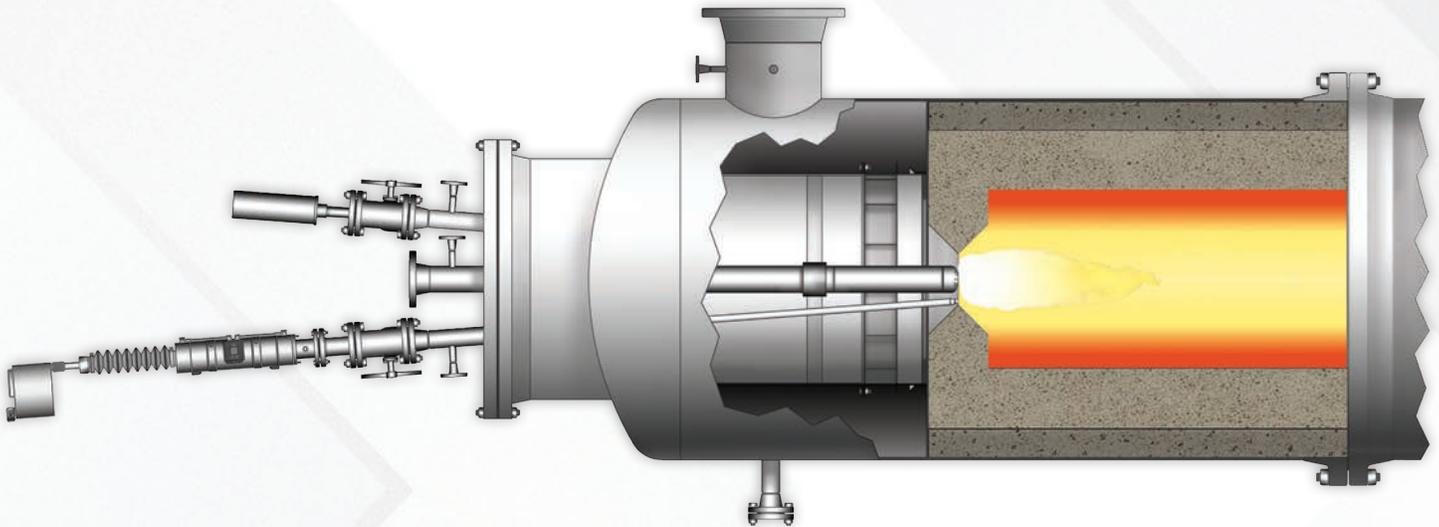


# HIGH-INTENSITY BURNER

HVW Series



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



*HVW High-Intensity Burner*

## Description

The ZEECO® HVW High-Intensity burner is designed to burn acid or toxic gases.

## Technology

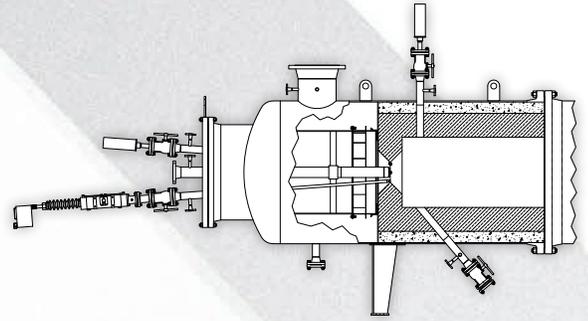
The ZEECO HVW burner combines superb mixing characteristics with a short flame length. This reliable, proven technology utilizes the energy of a recirculating vortex to achieve rapid combustion in relatively small volumes with varying levels of air. The high flame temperatures achieved by this technology result in superior waste destruction with no soot formation.

## Why Choose Zeeco?

Zeeco leads today's global market in the design of combustion equipment. Our engineers have the experience, knowledge and tools to properly size and design your incineration system. ZEECO incineration systems have been operating around the globe for more than 40 years. Our philosophy is to provide customers with superior quality, on-time shipments and competitive pricing, which is the cornerstone of our success. Let us put our experience to work for you. Call or email us today to learn more about the full line of ZEECO incineration products and replacement components for your new or existing incineration system.

## Design Features

- Two fuel connections: one for refinery fuel gas and one for the acid or toxic gases
- Stable flame over a wide range of conditions
- Turndown of 3:1 or greater for most cases
- No flashback
- Long service life
- Operations with a wide range of fuels
- 310 stainless steel (type HK) gas tips for refinery fuel gas, acid, or toxic gases



HVW High-Intensity Burner Side View

## Design Information

Burner Model .....	HVW High-Intensity Gas Burner
Fuels .....	Refinery Fuel Gas (RFG) and Acid or Toxic Gases
Description .....	Acid or Toxic Gas Burner
NOx Reduction Method .....	None
Combustion Air Induction .....	Forced Draft
Mounting Options .....	Horizontal, Vertical Up, Vertical Down
Heat Release Range .....	1 MM to 125 MMBtu/hr [0.073 to 36.625 MW]
Turndown .....	3:1
Typical Excess Air Range .....	Sub Stoich. to 25%



## 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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Choose to work with our dedicated, flexible, and innovative team, and you won't be disappointed. Call or email us today to request a quote or to learn more about our proprietary combustion systems.