



# BIOGAS UTILITY FLARE



## **Engineered for long-lasting performance.**

Zeeco is the world leader in biogas flare technology for landfill and digester applications. Our extensive field experience and proven designs dispose of methane and other decompositions both efficiently and effectively – and offer the long-lasting reliability you've come to expect from Zeeco.

## **Proprietary features for flexible, reliable operation.**

Zeeco's biogas utility flare system incorporates the latest features and options to accommodate a wide range of flow rates while achieving a high turndown ratio. Zeeco's proprietary flare pilots are manufactured with all-investment casting, rather than welded seam fabrication to maximize the pilot's operating life and to ensure optimal performance. Stainless steel constructed flare tips incorporate an integral flame holder to ensure flame stability, even in high wind conditions.

## **Meet or exceed your regulations.**

Zeeco's biogas utility flare system is specifically designed for stringent emissions requirements including the Code of Federal Regulations (40 CFR 60.18) to meet or exceed a 98% destruction efficiency established by the Environmental Protection Agency (EPA).

## **The Zeeco difference.**

Zeeco is a worldwide leader in combustion and environmental solutions with thousands of installations to our name. For more than 35 years, Zeeco has tackled the most challenging projects to help industries operate safer and cleaner. With more than 20 global locations, comprehensive aftermarket service and support, and a team of engineers dedicated to your mission, Zeeco is the natural choice to improve operations and reduce your carbon footprint.



BURNERS



FLARES



INCINERATORS



PARTS & SERVICE

# Biogas Utility Flare

## Proprietary Design Features

- PLC based burner management (BACT)
- Guaranteed emissions values
- 310 stainless steel casting components
- Stabilizing flame ring

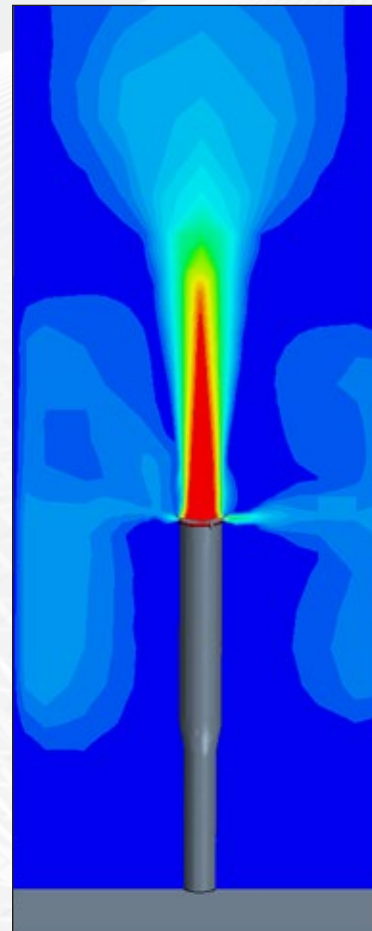
## Applications

- Digester
- Landfill
- Wastewater treatment

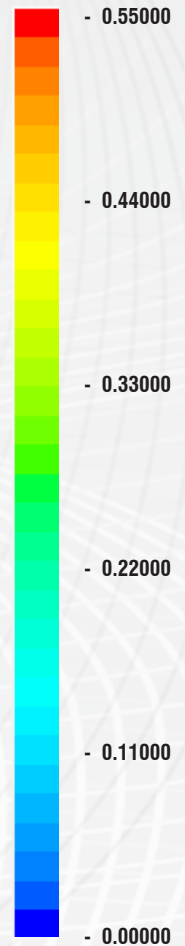
## Available Designs

- Freestanding
- Skid-mounted
- Portable
- Rental

## CFD



Mole Fraction of CH<sub>4</sub>



ZEECO® combustion and environmental solutions are designed and manufactured to comply with applicable local and international standards as defined by our customers.



REGISTERED  
ISO 9001: 2008

CERTIFICATION APPLIES TO ZEECO HEADQUARTERS ONLY.

**Zeeco Corporate Headquarters**

22151 East 91st Street

Broken Arrow, Oklahoma 74014 USA

Phone: +1 918 258 8551

Fax: +1 918 251 5519

E-mail: [sales@zeeco.com](mailto:sales@zeeco.com)

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