

# UTILITY FLARE

## UF Series



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



Utility Flares

### **The world's most in-demand flare for the world's most punishing conditions.**

Zeeco's UF series utility flare is ideal for onshore or offshore applications that do not require smokeless performance or where smokeless flaring can be managed without air or steam assist. Our UF flare series is one of the most in-demand flares of its kind for punishing conditions that include extreme temperatures, oxidizing environments, and high winds or heavy rain.

### **Proprietary flame stabilization technique.**

Zeeco's UF utility flares are engineered with a unique arrangement of proprietary flame stabilization tabs to ensure stable and high-efficiency flaring through the entire design range of flows—from maximum emergency flaring to purge gas flow rates. The flame stabilization tabs create a low-pressure zone at the perimeter of the flare tip gas exit point and work in conjunction with continuous pilots to ensure proper ignition of the waste gas. Zeeco's flame stabilization tabs are unique, investment castings mounted to the flare barrel using plug welds, which eliminate stress risers and cracking associated with linear welding in high heat zones.

### **Why choose Zeeco?**

Process industries around the world depend on Zeeco for superior, low-emissions combustion and environmental systems. Only Zeeco offers the global experience, breadth of knowledge, and technical creativity to develop and innovate the world's leading flare systems. For more than 40 years, Zeeco's flare systems have led the combustion industry in reliability, high performance and extra long life. Let us put our experience to work for you. Call or email us today to learn more about the full line of ZEECO® products and services.

## Applications

- Refining, LNG, production, steel industries, petrochemical, pharmaceuticals, offshore platforms, pulp and paper plants, landfill facilities, food processing plants
- Where smokeless flaring is not required
- Retrofit replacement for other manufacturers' flare tips
- Flaring of gases that do not produce smoke

## Advantages

- Can be easily upgraded in the field to smokeless operation
- High stability, low fuel consumption pilots are standard
- 98.5% or higher hydrocarbon destruction efficiency
- Superior materials and construction

## Features

- Sizes from 2 inch (50 mm) to 120 inch (3050 mm)
- Most economical, reliable flare for general use
- Simplest, safest flare available
- Low noise
- High stability pilots tested to 170 MPH [274 km/h] windspeed
- Critical parts supplied as investment castings
- 310 stainless steel in high-heat areas



Utility Flare



## 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.