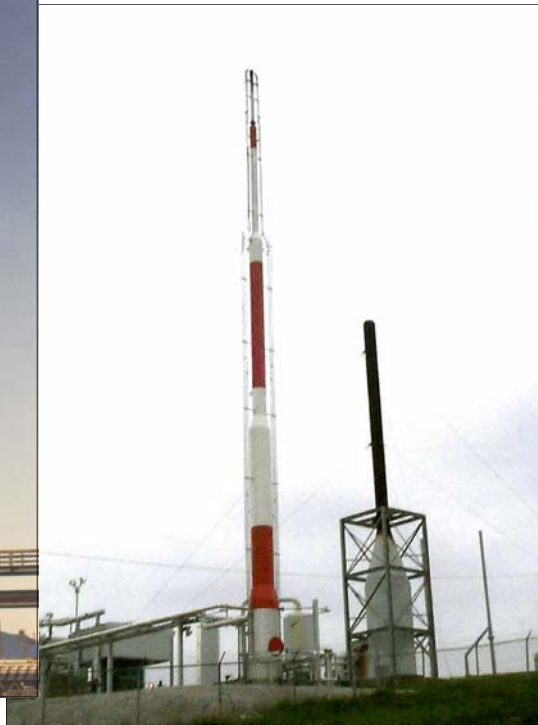


ADVANTAGES

- ▶ Cost effective (capital as well as operating costs)
- ▶ Low maintenance costs due to simplicity of design
- ▶ Stable, reliable combustion

GENERAL DESCRIPTION

Utility flares are one of the most common and basic flare designs. Utility flares are employed in applications which do not require smokeless burning or in applications where smokeless flaring can be achieved without the use of an additional assist medium. Utility flares therefore, do not require auxiliary gas streams such as steam or air; two fluids normally used to improve smokeless capacity. These flares are typically accompanied by a Dynamic Seal in the base of the tip to reduce purge gas costs and prevent flashback. Additionally, the Flare Industries' Utility Tip incorporates a flame retention ring to eliminate flame lift off and provide stable, reliable combustion.



FREESTANDING
UTILITY FLARES

PRINCIPLE APPLICATIONS

- Petroleum refining
- Petroleum production
- Chemical processing
- Food processing
- Municipal waste disposal
- Bio-gas disposal
- Natural gas compression and production

DESIGN FEATURES

- High alloy material construction in the heat affected zone
- Flame retention ring to stabilize combustion
- Dynamic/Velocity seal to reduce purge gas expense and prevent flashback
- Wide range of diameters
- High alloy wind shield (optional)

SPECIFICATIONS

DIMENSIONS:	Length:	10' - 0" (3m)
	Diameter:	4" - 84" (0.1-2.13m)
MATERIALS:	Upper Section:	304, 316, 310 SS Incolloy 800H
	Lower Section:	Carbon Steel
	Retention Ring:	304, 316, 310 SS
	Dynamic seal:	304 SS

