

Utility Flares (UF Series)

GENERAL:

- Includes flame retention device(s) to maintain stable combustion
- Used when waste vapor is inherently smokeless or for emergency relief scenarios
- No assist method or utility requirement
- To reduce purge gas usage, a purge seal is recommended

SELECTION CRITERIA / ADVANTAGES

- Lowest capital cost
- Lowest operating costs
- Low maintenance requirement
- Stable and reliable combustion

PRINCIPLE APPLICATIONS

- Upstream oil & gas production
- Midstream oil & gas
- Petroleum refining
- Chemical processing industry (CPI)
- Bio-gas disposal

DESIGN FEATURES

- Flame retention device(s) ensure stable combustion
- High temperature rated materials in the heat affected area
- Includes velocity type purge seal to prevent flashback and minimize operating expense
- Optional wind shield available



SPECIFICATIONS

DIMENSIONS:

- Standard length: 10'-0" [3048 mm]
- Diameter: 3" - 84" [76 - 2134 mm]

STANDARD MATERIALS:

- Heat affected zone: stainless or high nickel alloy (as per application)
- Non-heat affected zone: carbon steel
- Velocity Seal: 304SS

