

# Standard Non-Assisted Smokeless Flare Systems (Kinetic-FX Series)

## GENERAL:

- Pre-engineered flare systems to reduce cost and improve delivery
- Multiple flare sizes to suit the customer's application
- EPA OOOOa compliant
- 40 CFR 60.18 compliant
- Smokeless Combustion
- 98%+ VOC destruction efficiency
- Elevated flare with visible flame

## SELECTION CRITERIA / ADVANTAGES

- Uses the pressure available in the waste gas for rapid atmospheric air mixing to create smokeless combustion
- Smokeless combustion of a range of VOCs
- Typical used in emergency relief scenarios
- Robust ignition system

## PRINCIPLE APPLICATIONS

- Upstream oil & gas production
- Well pads in shale basins

## DESIGN FEATURES

- Easy to install
- Fast delivery
- Operational and smokeless turndown from purge to design capacity
- Variable exit nozzle acts as a velocity type purge seal to prevent flashback and minimize operating expense
- High temperature rated materials in the heat affected area
- Guywire support system with soil anchors that do not require concrete foundations
- Option for solar powered ignition system / controls



## SPECIFICATIONS

### DIMENSIONS:

- Standard length: 30' – 60' [9.1 m – 18.3 m]
- Diameter: 6" - 8" [152 - 203 mm]

### STANDARD MATERIALS:

- Heat affected zone: stainless steel
- Non-heat affected zone: carbon steel

Model	Diameter (inches)	Height (feet)	Capacity (MMSCFD) **
KFX-0630	6	30	20
KFX-0840	8	40	26
KFX-0860	8	60	26

\*\* Capacity subject to gas composition / pressure

