

# Standard Gas Assisted Smokeless Flare Systems (VaporClear 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

- Provides smokeless flaring by utilizing available high pressure fuel gas
- Smokeless combustion of a range of VOCs
- Smokeless flow rates of up to 100% of the total waste gas
- Assist gas ring with high efficiency injection nozzles
- 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
- Includes 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
- Retractable pilot for ease of maintenance
- Option for solar powered ignition system / controls



## SPECIFICATIONS

### DIMENSIONS:

- Standard length: 25' – 40' [7.6 m – 12.2 m]
- Diameter: 4" - 8" [102 - 203 mm]

### STANDARD MATERIALS:

- Heat affected zone: stainless steel
- Non-heat affected zone: carbon steel
- Velocity Seal: 304SS

Model	HP Flare Diameter (inches)	LP Flare Diameter (inches)	Height (feet)
VCP-0320	3	2	20
VCP-0630	6	2	30
VCP-0840	8	3	40

