

Standard Air Assisted Smokeless Flare Systems (Environ 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

- Utilizes a blower to deliver air to the combustion zone to promote smokeless combustion
- Smokeless combustion of a range of VOCs
- Smokeless flow rates of up to 100% of the total waste gas
- Extended tip longevity
- 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: 20' – 40' [6.1 m – 12.2 m]
- Diameter: 3" - 8" [76 - 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)
EAP-031020	3	2	20
EAP-061630	6	2	30
EAP-082440	8	6	40

