

## ASHCOR STANDARD SONIC FLARES

The ASHCOR Sonic Flare system is equipped with a high-pressure tip that uses the energy of the high-pressure gas steam for smokeless combustion and a reduced purge rate.

The Sonic Flare tip incorporates a self-actuated variable exit area that opens as necessary to ensure operation at high exit velocities over a wide range of conditions. The flow rate for typical operating conditions is 22 million SCF/day from approximately 8 – 50 PSI.



Contact an ASHCOR representative to purchase a flare that best fits your site. [423-498-1988](tel:423-498-1988)

# ASHCOR

ASHCOR  
FLARES USE FLAME SMART  
BURNER MANAGEMENT CONTROLS  
& ASHCOR FLAME ARRESTERS



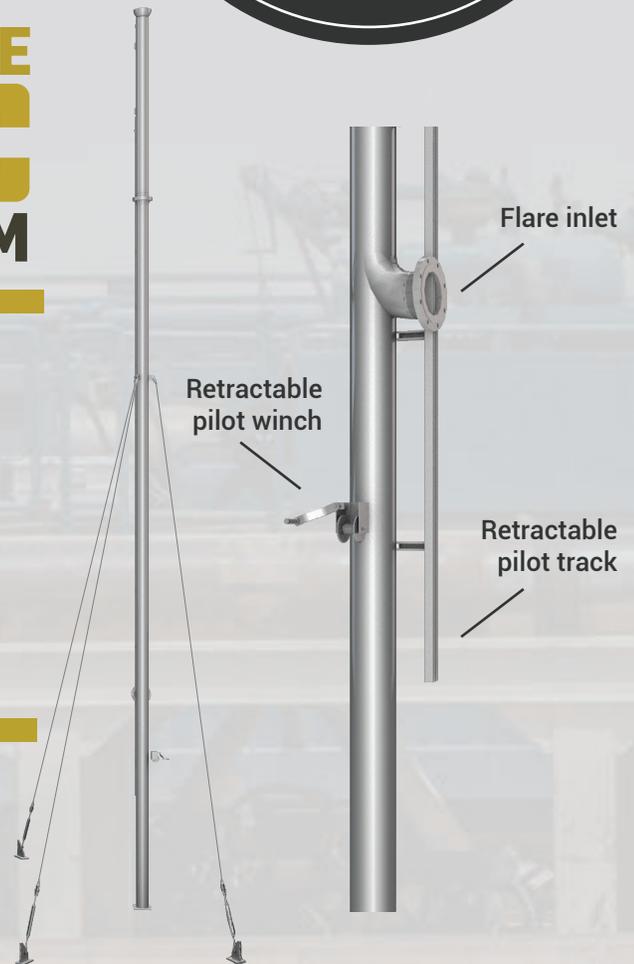
## HIGH PRESSURE SONIC FLARE SYSTEM

### EQUIPPED WITH

- Scalable build options
- Capacity up to 22 MMSCFD
- Retractable or fixed pilot
- Flame Smart or Profire burner management system
- ASHCOR flame arresters

### UPGRADE FEATURES

- Solar panel functionality for sites without power



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Custom fabrication is available based on site and application needs.

PHONE: 423-498-1988

ADDRESS: 4334 North Creek Road  
Chattanooga, TN 37406

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## ASHCOR STANDARD SONIC FLARES

The Sonic Flare system has well defined erect flame shapes and low fractions of heat radiated over a wide range of operating conditions.

The flare system's features allow for lower radiation levels to reduce required stack height. Its operation is controlled by incoming flare gas pressure that causes the exit area to vary, providing a constant backpressure and high exit velocity across the full operating range.



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## EQUIPPED WITH

ASHCOR FLAME ARRESTERS

FLAME SMART OR  
PROFIRE BURNER  
MANAGEMENT SYSTEM

## FLARE SYSTEM SPECS

High pressure design can handle flow up to 22 MMSCFD

Can withstand wind speed up to 120 mph

Accommodates fixed and retractable pilots

Painted carbon steel base

High pressure burner

Smokeless combustion

Reduced purge rate



Flame Smart burner  
management system

OR



Profire burner  
management system



ASHCOR  
flame arresters



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