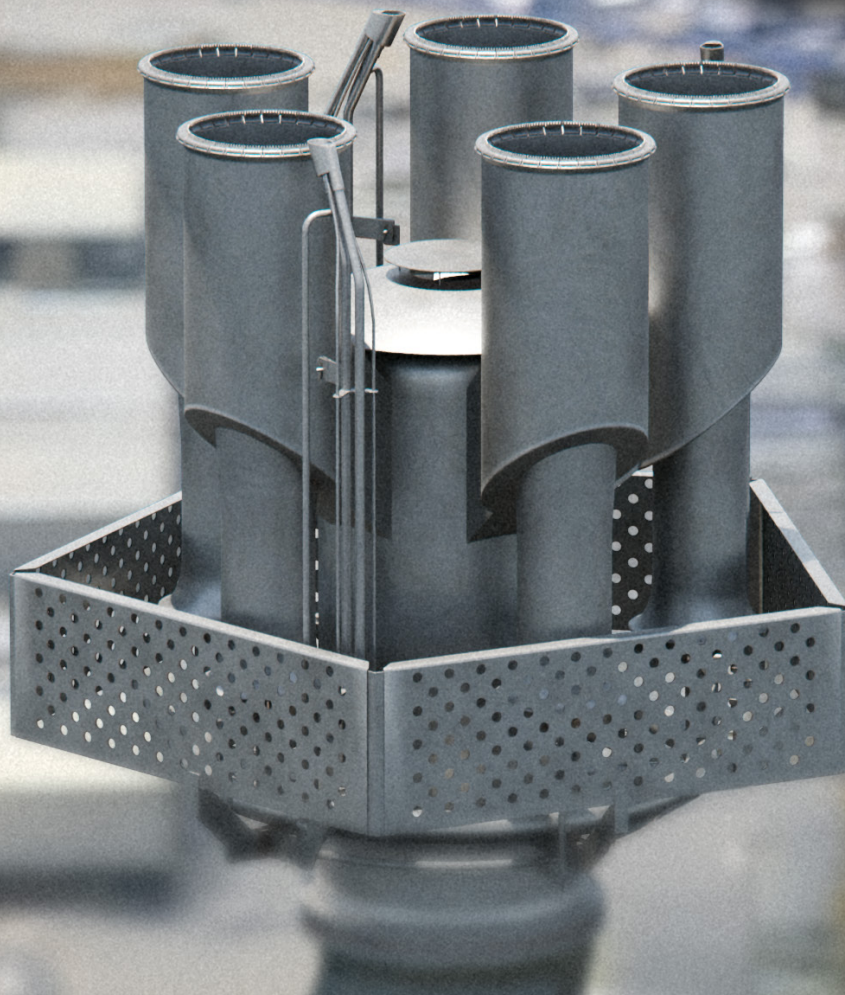


STEAMFORCE EVO™

Next-Evolution Steam-Assisted Flaring with FlowShield™ Technology

ZEECO®



Smokeless Performance. Smarter Efficiency. Proven Protection.

Zeeco's **SteamForce EVO** represents the next evolution in steam-assisted flaring, delivering superior smokeless performance with **significantly lower steam consumption** across a wider operating range. By reducing steam demand, operators can **lower costs**, **reduce fuel gas consumption**, and **decrease emissions**.

Engineered with advanced **FlowShield** technology, this innovative flare tip protects critical components, prevents burnback, and extends equipment life.

WHY STEAMFORCE EVO?

- › Lowest continuous steam requirements amongst all traditional flare tip styles
- › Most efficient steam assist technology for maximum smokeless rates
- › Stable operation and performance from maximum flow rates down to continuous purge conditions
- › Enhanced flare tip protection through advanced **FlowShield** technology

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FLOWSHIELD™ TECHNOLOGY: BUILT-IN PROTECTION

At the core of SteamForce EVO is Zeeco's patent-pending FlowShield technology:

- › Injects steam directly into critical internal regions for protection
- › Prevents burnback into the flare tip body
- › Enhances thermal protection without excess steam use
- › Extends flare tip life and reliability, even in high-hydrogen applications

This targeted approach ensures protection where it's needed most, without compromising efficiency.

ADVANCED DESIGN THAT PERFORMS

SteamForce EVO continues to use and enhances Zeeco's **proven venturi-based approach** with key design features:

- › Converging-diverging venturi nozzle for maximum air entrainment and smokeless efficiency
- › Optimized multi-nozzle configuration for improved gas distribution and air accessibility
- › Precision-engineered internal flow geometry for stable mixing
- › Minimized surface area of the flare body to minimize heat exposure
- › Robust radiation shielding with improved airflow

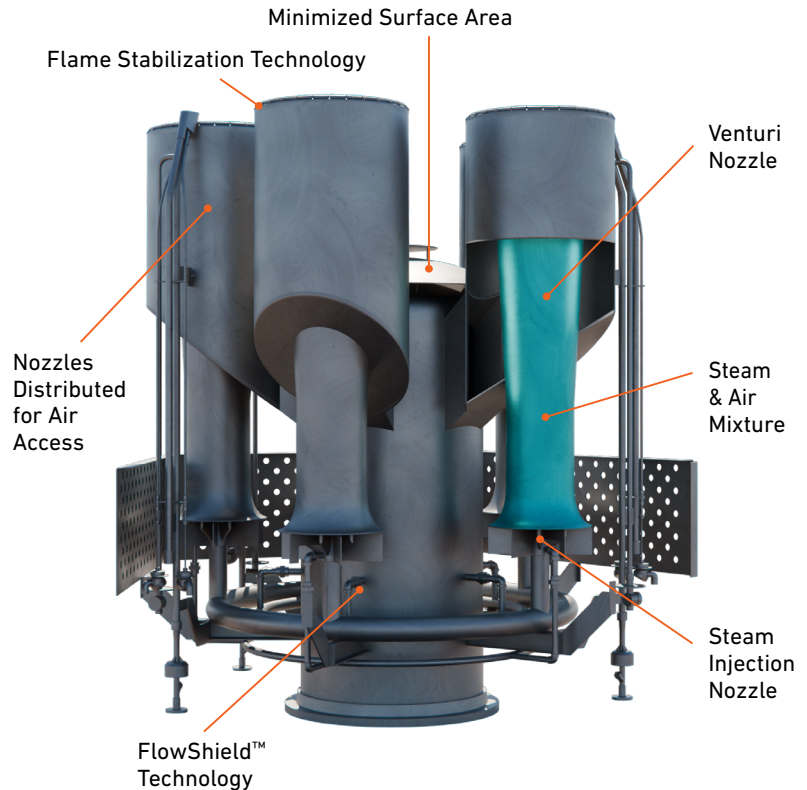
DESIGNED FOR REAL-WORLD OPERATIONS

SteamForce EVO is engineered for industries where reliability and efficiency are critical:

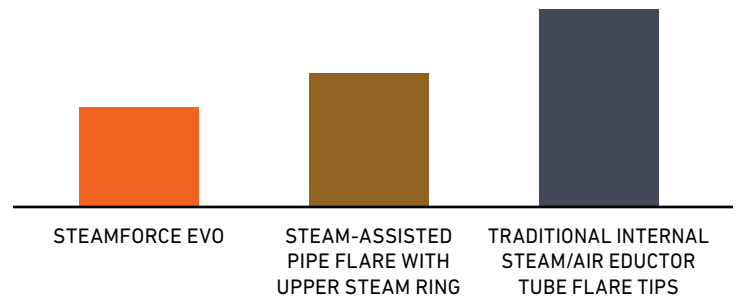
- › Refineries
- › Petrochemical facilities
- › Chemical manufacturing

Its ability to operate effectively across a wide range of gas compositions and flow scenarios makes it ideal for modern, dynamic processes.

ADVANCED DESIGN FEATURES



MINIMUM CONTINUOUS STEAM RATES



ZEECO®

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Patent Pending FlowShield - Patent Application Number: 19/677,721

26 Rev 1



Choose to work with our dedicated, flexible, and innovative team, and you won't be disappointed. Call or email us today to request a quote or to learn more about our proprietary combustion systems.



Certification applies to
Zeeco Headquarters.