

FLARE SOLUTIONS



UTILITY FLARE

DUAL FLARE

AIR-ASSIST

GAS-ASSIST

FIELD SERVICE IS CRITICAL

Experienced Field Technicians are available for both callout repair work and routine preventative maintenance. Structured preventative maintenance (PM) ensures continual operation.

ENVIRONMENTAL/REGULATORY EXPERTISE

Assistance with environmental compliance related to flares can also be provided.

FLARE UPGRADES

The most efficient and quickest way to reduce venting and ensure a smoke-free stream is to upgrade or repair ANY MODEL of flare. OTA field upgrade kits include:

- Flare Tips
- Control Panels
- Ignitor Rods, Pilots
- Meter and Smart Controls
- Continuous Remote Monitoring Options Available

BETTER CONTROLS=LOWER EMISSIONS

OTA offers flare control panel package options that will operate a VFD controlled air blower to precisely regulate airflow for smokeless flaring, optimizing the flare even for backdrafts.

DATA IS KEY

Documenting the flare's operation allows for analysis and performance tracking. An OTA provided Flow Meter will allow for data logging of operational status and logging combusted and vented gas volumes.



Scan the QR Code to learn more about our products and services!



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STANDARD FLARES	MODEL	DIAMETER (INCHES)	HEIGHT (FEET)	CAPACITY (MMSCFD)
UTILITY	OTA 0425	4	25	3.1
	OTA 0630	6	30	6.9
	OTA 0840	8	40	12.0
AIR-ASSIST	OTA 0416	4	25	0.6
	OTA 0616	6	30	1.5
	OTA 0824	8	40	5.0

FEATURES:

- Designed per 40 CFR 60.18, API 521 and API 537 requirements
- 98% Destruction Removal Efficiency (DRE)
- Standard flare sizes from 4 to 8 inch diameter and 25 to 40 feet height
- Stainless steel pilot and flare tip for maximum life
- Latest generation retractable pilot system to access pilot from grade level
- Larger custom flares to meet site conditions
- Solar power provided where power is unavailable or to serve as redundancy for power outages
- Integral knock-out option available on most flares
- Retractable pilots for ease of installation and maintenance
- Quick turnaround on all standard flares

BENEFIT	UTILITY	AIR-ASSIST	GAS-ASSIST
Guaranteed Smokeless Combustion		✓	✓
High Turndown Design	✓	✓	✓
Rapid Delivery	✓	✓	✓
No Power Requirement	✓		✓
Low Operating Cost	✓	✓	
Ease of Installation	✓	✓	✓

PARAMETER/FLARE TYPE	UTILITY	HP	AIR-ASSIST	GAS-ASSIST	SONIC
Flow Range, MMSCFD	0-100	0-30	0-100	0-100	0-100
Inlet Pressure, PSIG	0-25	0-100	0-25	0-25	0-100
Smokeless, %	Varies	Sonic Range	0-100	0-100	0-100
Relative Turndown	Good	Good	Excellent	Excellent	Excellent
Comparative Noise	Low	High	Medium	High	High

