Enclosed Flare Systems

CATALYTIC COMBUSTION
EMISSION TECHNOLOGIES

For Biogas, Oil & Gas Production, and Landfill Gas Emissions Control

Product Features:

- Carbon steel construction with high temperature coating or stainless steel construction
- Natural draft design
- High temperature resistant coating
- Ceramic fiber refractory lining
- Thermocouple temperature control and for monitoring pilot
- Motorized air louver
- PLC-based control system
- Continuous gas pilot
- Electronic spark ignited pilot
- Ethernet/IP communications
- NEMA Control Panel - UL Listed
- Sample ports
- Optional Accessories:
  –Service platforms
  –Ladders
  –Rain cap
  –Insulated base

Benefits

- Cost effective solution for smokeless (Opacity Limits) flaring combustible process vapor
- Low capital cost and low operating cost
- Provides proper disposal of steady state process flows, batch processes, intermittent operations, or the safe disposal of emergency vents
- High 98% + destruction efficiency
- Maximize destruction efficiency by selecting operating temperature and residence time
- No visible flame – All combustion takes place within the combustion chamber

Lower Section of Flare with Control Panel

Temperature Control Louver