

CMM / CBM Candlestick Flare

THE PRODUCT

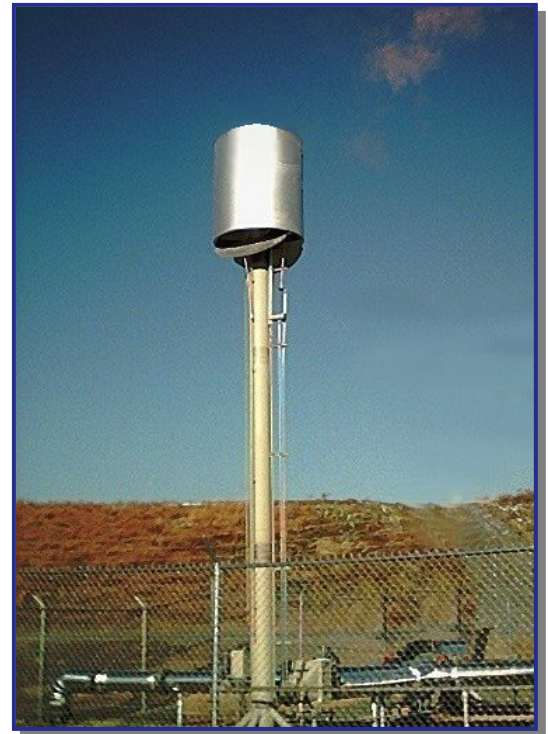
Designed expressly for Coal Mine & Coal Bed Methane applications

FEATURES:

- MEETS CALIFORNIA AIR RESOURCE BOARD (CARB) AND USEPA CFR 40, §60.18 CRITERIA
- INSULATED STAINLESS STEEL WIND SHIELD
- STAINLESS STEEL BURNER COMPONENTS
- AIR & CMM / CBM GAS CONTROLS FULLY ADJUSTABLE FROM GROUND LEVEL
- LOW SUPPLY PRESSURE REQUIREMENT

BENEFITS:

- COMPLIES WITH UNITED STATES EPA REQUIREMENTS FOR NON-ASSISTED FLARES
- EXCELLENT FLAME STABILITY
- LONG BURNER LIFE – RESISTANT TO HEAT & CORROSIVE GASES
- NO LADDERS OR BUCKET TRUCKS NEEDED FOR ADJUSTMENT
- REDUCES BLOWER HP REQUIREMENTS
- FIXED OR PORTABLE INSTALLATION PACKAGES



Applications

PEI's CMM/CBM Candlestick Flare is the ideal solution for simple, low cost installations where CARB and/or USEPA's 40 CFR, § 60.18 are the basis for regulatory compliance.

The flare is designed to satisfy the requirements for compliant CMM / CBM combustion, and with a long list of options, is suited for integration into complex utilization, combustion and control systems.

Fully integrated blower/flare skids are available in many different combinations.

Standard Equipment

- Thermocouple flame recognition for maximum reliability
- Adjustable gas orifice and air dampers
- All stainless steel burner construction
- Stainless steel propane pilot assembly
- ASCE 7-10 115 MPH wind design
- Heavy-duty 4 leg "cross" mounting system

Optional Equipment

- Fully automatic orifice control (PLC controlled)
- Redundant thermocouples
- Standing CMM / CBM pilot
- Other fuels and waste gases
- Variable flow and pressure control systems
- UL Listed flame safeguard controls
- Automatic flow rate control for balancing energy delivery systems

GHG and CC Compliance

All PEI CMM / CBM flares can be packaged with PEI gas extraction, gas compression, and/or gas conditioning systems. These systems normally incorporate instrumentation certified for monitoring, display, and data logging of methane, carbon dioxide, and oxygen concentrations required for CARB and USEPA compliance with Greenhouse Gas (GHG) and Carbon Credit (CC) project auditing requirements.

CMM / CBM Flare Sizes

PEI CMM /CBM Candlestick flares are available in sizes to accommodate your specific project requirements. "Standard" sizes with a minimum of 10:1 turndown ratings are:

20 to 200 SCFM

35 to 350 SCFM

65 to 650 SCFM

125 to 1250 SCFM

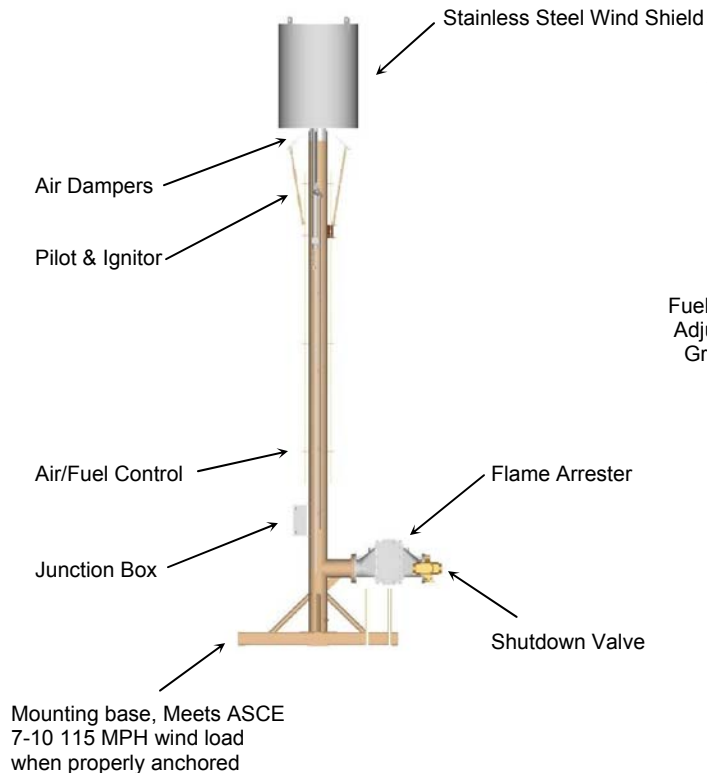
200 to 2000 SCFM

300 to 3000 SCFM

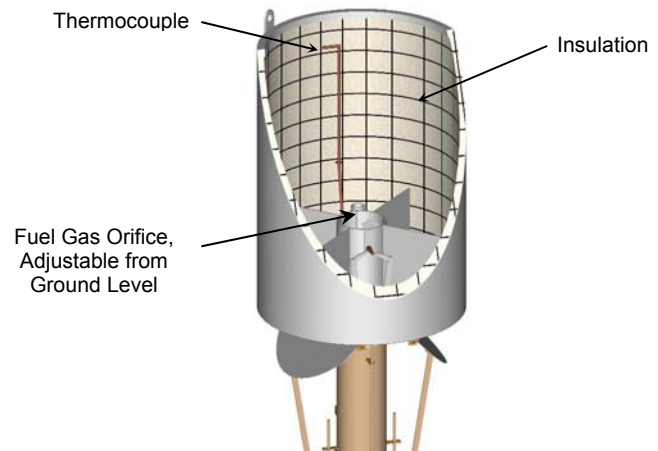
500 to 5000 SCFM

650 to 6500 SCFM

The Flare



The Burner



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Specifications & Options Subject to Change Without Notice