



# Enclosed Combustor (MC Series)

When conditions require a fully enclosed flame the Mission Flares MC Series enclosed combustors offer smokeless, quiet, high-efficiency combustion with easy installation. Our combustors are designed to provide smokeless combustion of heavy gas vapors at low pressures. The combination of elevated temperatures, flue gas residence time and a turbulent mixing zone our combustors achieve up to 99% or greater destruction removal. Our enclosed combustors are engineered to meet the most stringent emissions requirements of NSPS OOOO, OOOOa and Maximum Achievable Control Technology HH/HHH code of regulations.

## Efficient & Reliable

Proprietary burners provide efficient and reliable combustion, 99% or greater destruction efficiency, & designed to accommodate a wide range of inlet pressures.

## Made for Harsh Environments

Smaller units constructed of stainless-steel combustion chamber. Larger units constructed of carbon steel combustion chamber with high temperature refractory lining.

## Wide Range of Applications

Upstream and midstream oil & gas production, Petrochemical refining, terminals – marine, rail and truck.

## Proprietary Flare Tip Design

Achieves max air to fuel boundary for higher hydrocarbon destruction efficiency, 98.5% or greater & is a good option for replacing other manufactures' gas assist flare tips.

## Advantages

- Hidden flame
- Lower noise
- Smokeless combustion
- No radiant heat
- Sampling ports allow of emissions testing
- Stable reliable combustion

missionflares.com  
info@missionflares.com  
337.240.7894

