

Enclosed Vapor Combustors

EVC 20, 100, 200, Dual Train

A full line of high-quality, EPA-approved combustion solutions

Our EVC designs incorporate years of experience with tank vapors and compliance. The units are highly-effective, tested and certified “99% plus” for destruction of vent emissions from oil and condensate tank batteries, loading operations and storage facilities.

Our all stainless steel, enclosed flare design is capable of meeting current and future industry requirements, including “Quad O”, while offering significant cost savings. **Plus, pre-engineered, inventoried models are eligible for “Quick Ship” on-demand delivery because we know that you need equipment on time.**

Applications

- Oil and condensate storage tanks
- Oil and condensate loading facilities
- Compressor stations
- GPU’s/VRU’s
- Glycol dehydrators
- Separators (portable)
- Equipment maintenance
- Pipeline blow down
- Ships, trucks, trains, transfer points
- Portable flares for well service

Features and Benefits

- Meet 40 CFR 60.18 EPA regulations
- Advanced Profire BMS features
- Local service team availability
- Low capital and low operating costs
- Very high turndown ratio
- Scalable flow rates
- Solar panel package availability for remote locations
- SCADA integration with control panel for remote monitoring

Quad O Compliance

- The EPA proposed legislation that places strict regulation on operators that use storage vessels in an effort to decrease waste emissions. This legislation—40 CFR 60 Subpart OOOO—is commonly referred to as “Quad O.” It states that all storage tanks that qualify must have a control device in place—either an enclosed combustor or a vapor recovery device which reduces tank vapor emissions to less than six tons annually, with a unit operating at a 95% or greater destruction efficiency.



For more information call:
(713) 335-6600

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EPA- Approved EVC 20

- With a small footprint, the EVC 20 is an extremely efficient solution for smaller facilities looking for a fully-compliant combustor device
- Inlet pressure from 2 oz/in² to 120 psig
- Scalable flow rates from 0- 20 MSCFD
- Capable of 2,388,400 BTU/hour
- 99% destruction efficiency



EPA- Approved EVC 100

- With 5 times the capacity of the EVC 20, the EVC 100 is an ideal solution for larger sites that need a customizable system for emission control
- Inlet pressure from 2 oz/in² to 120 psig
- Scalable flow rates from 20- 100 MSCFD
- Capable of 9,212,400 BTU/hour
- 99% destruction efficiency



EPA- Approved EVC 200

- With one of the highest capacities of any combustor on the market (Two times that of the EVC 100), the EVC 200 is an extremely efficient method of combustion
- Inlet pressure from 2 oz/in² to 120 psig
- Scalable flow rates from 40- 200 MSCFD
- Capable of 18,420,000 BTU/hour
- 98% destruction efficiency



Dual Train

- Offered as a complete, skid-mounted package consisting of a high-pressure stick flare and a low-pressure enclosed combustor
- Stick Flare inlet pressure from 30-50 psig
- Stick Flare flow rates from 0.2-5.0 MMSCFD
- EPA- approved EVC20/100/200 Combustor inlet pressure from 2 oz/in² to 120 psig
- EPA- approved EVC20/100/200 Combustor flow rates from 0- 200 MSCFD
- Capable of up to 18,420,000 BTU/hour

Stick Flare

- Available individually in the following flow rate capacities:
 - 0.2 to 1.5MMSCFD
 - 1.0 to 3.0MMSCFD
 - 3.0 to 5.0MMSCFD
- Inlet Pressure from 30-50 psig