CATALYTIC COMBUSTION

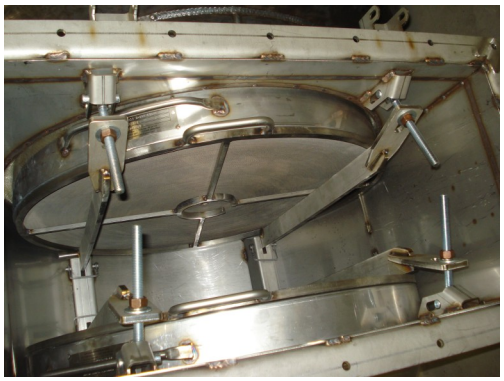
FACE SEAL CATALYTIC CONVERTERS AND COMBOS
FSC SERIES

- Positive catalyst sealing prevents bypass leakage
- Rugged construction
- Available in Stainless Steel or Carbon Steel
- Catalyst element diameters from 17 inches to 37.5 inches
- Dual catalyst element capacity
- Combo unit's sound attenuation matched to your engine

With ever tightening regulations limiting the amount of NOx, CO and VOCs that can be emitted, you can't afford to have any bypass leakage threaten your operation. The best catalyst in the world is ineffective if pollutants do not come in contact with the coating. But the housing that holds the catalyst has to be user friendly and yet capable of giving years of service in some of the most demanding installations in the world.

With this in mind, CCC took the time to ask questions and listen to users and operators like yourself to understand what you wanted in a catalyst housing. The result of this effort is our Face Seal series of converter housing and combination converter/silencer units.

Our unique Face Seal design provides a positive sealing concept and catalyst retention system. It utilizes a double face, metal core gasket to fill any surface irregularities and stop leakage from occurring. The catalyst elements are retained with double locking arms that provide six points of pressure around the circumference to securely hold the catalyst in place.

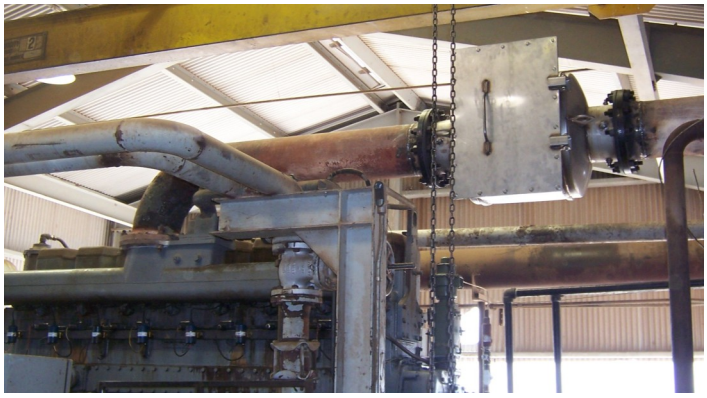


The catalyst's retention system is completely internal to the housing so there are no places for air to bleed into the housing to affect the performance of the catalyst. The system is designed to easily remove when it is time to replace the catalyst to get you back into operation quickly.

Depending upon your requirements, we have the housing or combo unit along with the necessary mounting cradles, platforms and accessories for you.

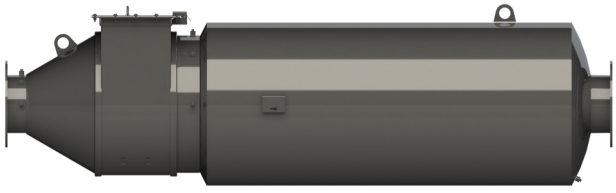
Converter Housings—FSC

For locations that have existing sound silencers, we offer a catalyst-only housing unit that can be fitted between your engine and the silencer.



Combo Units—FSCX

For locations where the existing silencer needs to be replaced or the level of sound attenuation requires upgrading, we have attenuation levels from Industrial to Hospital available.



One thing that sets us apart from the pack is that we provide a silencer design that is matched to your engine so it delivers the expected attenuation. This demands that the silencer's volume and internal construction be specified based on the displacement, speed and fundamental sound frequency of the engine and not just on the exhaust piping diameter and exhaust flow rate.