



EnviroDyne™

METHANE DESTRUCTION UNIT

The reduction of methane emissions is crucial and has become a global concern. Methane is the main component of natural gas and a significant source of greenhouse gas, 80 times more potent than CO₂. Thermon's Methane Destruction Unit targets the flameless conversion of methane to carbon dioxide and water vapor.

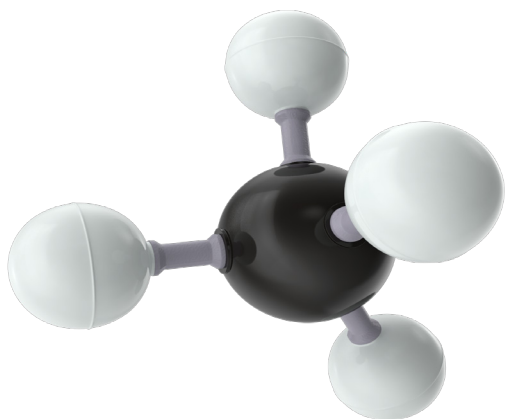
HOW IT WORKS

Thermon's patent pending Methane Destruction Unit is designed for continuous use and only requires temporary electric power (often via a battery) for initial start-up. The unit is designed to operate indefinitely once started and contains no moving parts.



Our expertise in catalytic reactions has been used to develop special catalyst formulations specifically targeting the flameless conversion of methane to carbon dioxide and water vapor. The Thermon EnviroDyne™ unit consists of two modules. One is the converter module and the other is the gas train module.

The Thermon EnviroDyne™ Methane Destruction Unit is intended for use with vented emissions from pneumatic devices such as chemical injection pumps, control valves, compressor seals, as well as other venting applications.



WHERE IT IS USED

The Thermon EnviroDyne™ Methane Destruction Unit is intended for use with vented emissions from pneumatic devices such as chemical injection pumps, control valves, compressor seals, and other emissions venting applications.

CERTIFICATION & COMPLIANCE

CSA C/US certified to meeting both Canada and USA requirements for use in Class I, Div.1&2, Group D hazardous locations, Temperature Code T2C.



FEATURES & BENEFITS

- › Specifically designed for high efficiency flameless conversion of methane
- › Catalytic reaction does not produce harmful NOx
- › Suitable for use in hazardous locations Class I, Div 1 & 2, Group D locations, T2C Temp. Code
- › Available for voltages 12VDC, 120, 208, 240, 480 & 600VAC
- › Custom sizes available

OPTIONAL FEATURES

- › Voltages
- › Wire Guard
- › Vent Hood

THERMON EXCELLENCE

Thermon has been a global leader in catalytic heating technologies for use in hazardous locations for over 50 years. Our expertise in catalytic reactions has been used to develop special catalyst formulations specifically targeting the flameless conversion of methane gas emissions to carbon dioxide and water vapor.



FOR ADDITIONAL INFORMATION:

www.Thermon.com

