

How a Regenerative Thermal Oxidizer (RTO) Works



1. Process exhaust air, with Total Organic Hydrocarbons (THCs) enters the oxidizer and is directed into the ceramic Heat Exchange Media where it is pre-heated.
2. Pre-heated air enters the Combustion Chamber where it is heated to the setpoint temperature where oxidization of the THC's are completed.
3. Hot treated clean air is cooled as it passes through the Heat Exchange Media and is exhausted from the stack into atmosphere.

