

LTR™

CARB Level 3+ Verified
Diesel Particulate Filter System

↓ CO

↓ HAPs

↓ HCs

↓ PM₁₀

LOW-TEMPERATURE REGENERATION

ADVANCED FILTER SYSTEM TRAPS PARTICULATE MATTER AND REGENERATES AT MUCH LOWER TEMPERATURES.

Only from MIRATECH, the LTR™ Filter System offers stationary diesel engine owners/operators new technology with a single-housing assembly that contains a DOC (Diesel Oxidation Catalyst), a passive DPF (Diesel Particulate Filter) that's optimized for the Low-temperature regeneration, and integrated silencing. The year 2025 California Air Resources Board (CARB) Level 3+ Verified LTR system is designed for use with diesel engines at all operating conditions, including low exhaust temperature conditions/applications.

BEST-IN-CLASS LTR (LOW-TEMPERATURE REGENERATION)

- Designed for maximum reduction of particulate matter (PM₁₀) from engine exhaust – up to 97%
- Single-housing assembly contains a DOC and a passive DPF
- Reduces CO, HC, VOC, HAP and PM₁₀
- Designed for emergency backup and prime power generators
- Designed to accommodate engines sized from 37 kW to 4 MW
- Provides critical-grade noise reduction, up to 30 dBA, eliminating the need for a separate silencer in many applications
- Can be fitted on Tier 1 and newer engines

LTR™: PASSIVE DIESEL PARTICULATE FILTER



LTR INSTALLATION

HOW IT WORKS

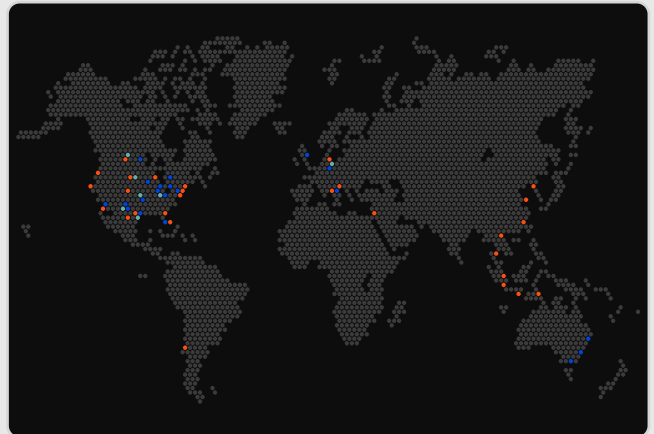
The LTR system has an oxidation catalyst (DOC) built into the front of the filter housing that reduces engine exhaust emissions such as CO, HC, and HAP before they enter the particulate filter (DPF). From there, the DPF is designed to capture up to 97% reduction when required of particulate matter (PM or soot) from the engine's exhaust. The captured particulate matter is then burned off passively from the exhaust's temperature through catalytic oxidation (no additional heat is required provided engine reaches a certain temperature for a certain amount of time).

BUILT FOR PERFORMANCE

CARB Verified kit with manual, monitor and data-logging is available to help the user comply with current CARB rules.

FULL SUPPORT, CLOSE TO HOME

MIRATECH's service and support teams are available wherever you operate. With a large field service team strategically located throughout North America and around the world, MIRATECH delivers prompt, reliable support that's always just a phone call away. Our aftermarket parts and service teams maintain a robust inventory of in-stock components to help keep your systems running at peak performance.



NEED EMISSIONS AND ACOUSTIC SOLUTIONS?

Since 1992, MIRATECH has been at the forefront in helping industries handle emissions and acoustic standards. Whatever your emissions needs may be, count on us for solutions. Just give us a call, **1-800-640-3141**, or visit our website at **MIRATECHcorp.com**.