

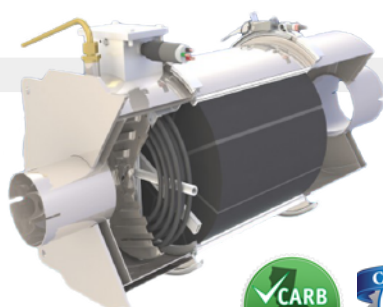
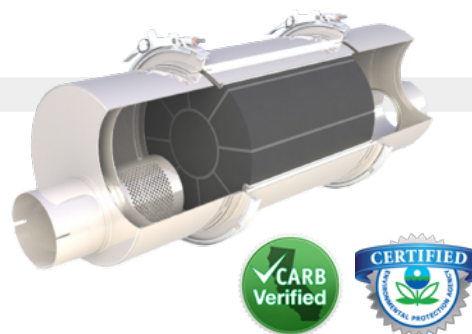
RETROFIT EMISSION SOLUTIONS FROM THE COMPLIANCE SPECIALISTS

Purifilter™ Systems Offer a Range of Solutions for Cost-Effective Emissions Compliance

Demanding applications require products that outperform. CDTi's family of Purifilter technologies provide **superior emissions control, noise attenuation and lower exhaust restriction** over the broadest range of diesel engines. All Purifilter products are produced with a **Silicon Carbide substrate**, which is the most durable material available. Each Purifilter kit is provided with a **back pressure and temperature monitor**, independent of the engines ECM. With Verifications by the **US EPA, CARB & VERT**, you can depend on performance and reliability.

PURIFILTER™: SELF-REGENERATING FILTRATION

Purifilter was the first passively regenerating diesel particulate filter (DPF) to attain an industry-leading 90% particulate emissions reduction value from the US EPA. Purifilter employs a precious metal catalyst and inherently oxidizes accumulated particulates, providing extended maintenance intervals.

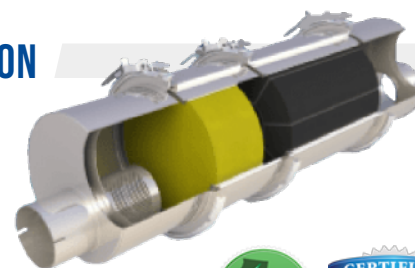


PURIFILTER™ PLUS: HYBRID FILTER REGENERATION

Purifilter Plus combines the passive regeneration of Purifilter with electrical heating elements that are used to periodically clean the DPF – making it an outstanding choice for both urban and highway drive cycle applications. Purifilter Plus provides fleet managers the ability to readily maintain optimum vehicle performance and uptime with maximized intervals between cleanings. This system is ideal for centrally-located fleets where trucks can plug in for stationary active regeneration.

PURIFILTER™ EGR/ PURIFILTER™ OR: ENHANCED REGENERATION

The Purifilter EGR leverages CDTi's advanced base metal catalyst technology on a DPF, downstream of a precious metal coated DOC. This combination provides low back pressure and reduced cleaning intervals. The Purifilter EGR is available in a broad range of filter sizes, ensuring coverage of all common engine platforms and no effect on engine performance. Purifilter EGR is also available in an Off Road (OR) version, for use on mining, construction, material handling equipment and stationary applications.



PURIFILTER SYSTEM SPECIFICATIONS

	PURIFILTER™	PURIFILTER™ PLUS	PURIFILTER™ EGR	PURIFILTER™ OR
Category	On Road			Off Road
Description	Self-regenerating DPF (passive)	Self-regenerating DPF with active electric regeneration	Self-regenerating DOC & DPF (passive)	
Application	<ul style="list-style-type: none"> Majority highway driving Minimal stop / start operation Moderate to high load activity 	<ul style="list-style-type: none"> Urban and highway driving Tolerates stop / start operation Plug-in interval based on operation 	<ul style="list-style-type: none"> Majority highway driving Minimum stop / start operation Moderate to high load activity 	<ul style="list-style-type: none"> Off-highway operation Minimum stop / start operation Moderate to high load activity
Verifications	CARB & EPA			EPA
Verified PM Reduction Levels	CARB: >85% PM (Level 3+) EPA: 90% PM			EPA: 90% PM
Verified Engines	1993 to 2006 non-EGR engines with <0.1g/hp-hr PM	1993 to 2010 EGR & non-EGR engines with <0.1g/hp-hr PM	1994 to 2010 EGR & non-EGR engines not equipped with DPF from OEM	Nonroad, Tier 1, 2 or 3 engines with <0.2g/ hp-hr PM
Exhaust Temp. Requirement	>280°C for >25% of duty cycle	None	>300°C for >10% of duty cycle	
Engine Size / Power Range	Up to 16L and 625hp			100hp to 603hp
Warranty Period (Trucks >26,000 lbs.)	CARB: 5 years or 150,000 miles (whichever comes first). EPA: 4 years or 100,000 miles (whichever comes first).			
Fuel Compatibility	ULSD and up to B20 biodiesel			

*Please contact CDTi with your engine family to confirm compliance.

CONTACT THE EMISSIONS COMPLIANCE SPECIALISTS



Toll-free customer support: 1-800-753-3212
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