

Diesel particles DPF filter

Prepare for decarbonization



The CatEmission DPF diesel particulate filter is an essential component for the reduction of particulate matter in diesel engine exhaust gases. It operates by physical filtration, employing a "wall flow" filter design, effectively capturing soot particles that the DOC diesel oxidation catalyst is not oxidized in.



DPF Particulate Filter

KEY BENEFITS

1.

Efficient filtration: Uses "wall flow" filtration technology to capture larger particles, ensuring cleaner exhaust emissions.

2.

Catalytic Coating: It comes with a catalytic coating (PGM) that initiates passive regeneration from 320°C, while maintaining the efficiency of the filter.

3.

Regeneration Options: Features diesel burner or electric heater options for thermal regeneration, along with active / passive regeneration capabilities for low - temperature operations.

4.

Cleaning on board: Equipped with cleaning facilities on board, including support for DPF and vacuum cleaner, allowing both external and internal maintenance to be carried out without disassembling the elements.

5.

Versatile CPSI Range: Typically available in 100-200 CPSI, catering to various engine requirements.

COMPLIANCE

The DPF is designed to meet current European MCPD and NRMM levels for industrial applications, complying with strict environmental standards.