

Longview®

Passive Level 3+ Diesel Particulate Filter System



The Longview is specifically designed to provide cost-effective diesel particulate (PM) and NOx reductions for in-use diesel engines operating in on-road applications.

Configured in a modular, user-friendly design, Longview integrates a NOx reduction catalyst and catalyzed wall-flow silicon carbide diesel particulate filter. This provides simultaneous reduction of NOx, PM, hydrocarbon (HC) and carbon monoxide (CO) from one system.

- CARB verified to Level 3+ (>85%) compliance for PM
- NOx reduction of at least 25%
- Eligible for local, state and federal funding programs
- Proven retrofit solution with over 3,000 in operation
- Reductions claimable for SIP or Transportation Conformity
- Uses diesel fuel rather than ammonia or urea as a NOx reduction reagent
- Industry leading advanced system monitoring, diagnostics and data retrieval

Longview is managed by ESW CleanTech's proprietary MLC® which monitors system parameters and controls NOx reductant injection. The MLC also logs the monitored parameters for later retrieval and analysis.

ESW CleanTech uses only the highest quality materials, including all stainless steel construction and a robust silicon carbide diesel filter for enhanced durability. Additionally, numerous inlet/outlet end cone configurations are available for installation ease.

The modular design of the Longview facilitates service and de-ashing of the diesel particulate filter. The reusable metal seal (i.e. no gaskets to replace!) and band clamp design enables quick turnaround for maximum uptime.

The Longview balances the mandate for cleaner air with the demanding requirements of real-world on-road diesel applications, and the desire to maximize the economic life cycle of your equipment, while avoiding costly replacement.



Longview® Quick Specs

Filter Type	Passive diesel particulate filter with NOx reduction
CARB Verification ¹ > Engine PM Limit	0.10 g/bhp-hr PM and lower
CARB Verification ¹ > Engine Model Years	1993-2006
CARB Verification ¹ > Engine Displacement	Up to 14 liters
CARB Exclusions	Consult Distributor
Typical Applications	Transit bus, refuse truck, motor coach, intrastate line haul, goods movement truck and other on-road vehicles
PM Reduction	Greater than 85% (Level 3+)
NOx Reduction	At least 25%
Fuel Compatibility	ULSD / Up to B20
Exhaust Temperature Requirement	260° C for at least 25% time
Ash Capacity	200 grams
Regeneration Type	Passive
Regeneration Time	n/a
Engine Run Time Between Regenerations	n/a
Approximate Size	49" (L) x 14" (W) Consult Distributor
Shipping Weight	135 lbs.



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www.eswgroup.com