

# LongMile<sup>®</sup>-S

## Passive Level 3+ Diesel Particulate Filter System



The LongMile-S is specifically designed to provide cost-effective diesel particulate (PM) reduction for in-use diesel engines operating in on-road vehicles. Features of the LongMile-S include:

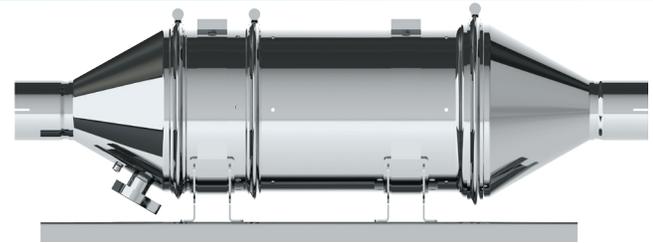
- CARB verification to Level 3+ (>85%) for PM
- Various catalyst and DPF module sizes enable use on diesel engines up to 15 liters
- Applicable to a wide range of engine model years between 1993 and 2010, including many 2002-2006 EGR and Caterpillar ACERT engines
- Low exhaust temperature requirement allows for broad application compared to other passive DPFs
- Proven retrofit solution for school buses
- Serviceable DPF module is compatible with most commercially available cleaning machines
- Industry-leading advanced system monitoring, diagnostics and data retrieval
- Eligible for local, state and federal funding programs

The LongMile-S is managed by ESW CleanTech's proprietary MLC<sup>®</sup> which monitors system parameters. 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 particulate filter. This advanced, mature silicon carbide diesel particulate filter provides lower exhaust backpressure than a traditional wall-flow filter. For ease of installation, numerous inlet/outlet end cone configurations are available.

The modular design of the LongMile-S 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 LongMile-S 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.



### LongMile-S Quick Specs

Filter Type	Passive diesel particulate filter
CARB Verification <sup>1</sup> > Engine PM Limit	0.10 g/bhp-hr PM and lower
CARB Verification <sup>1</sup> > Engine Model Years	1993-2010
CARB Verification <sup>1</sup> > Engine Displacement	Up to 15 liters
CARB Verification <sup>1</sup> > Engine Horsepower	175-500 HP
CARB Exclusions	Consult Distributor
Typical Applications	On-road vehicles including linehaul trucks, refuse trucks, buses and others
PM Reduction	Greater than 85% (Level 3+)
NOx Reduction	None
Fuel Compatibility	ULSD or Biodiesel up to B20
Exhaust Temperature Requirement	260° C for 20% time and 300° C for 5% time OR 260° C for 25% time
Ash Capacity	200-300 grams
Regeneration Type	Passive
Eligible for Local, State and Federal Funding Programs	Yes
Approximate Size	50" (L) x 16" (W) Consult Distributor
Shipping Weight	135-145 lbs.

<sup>1</sup> Consult your distributor for specific application requirements.  
NOTE: Product specifications are for reference only and may vary or change without notice.



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