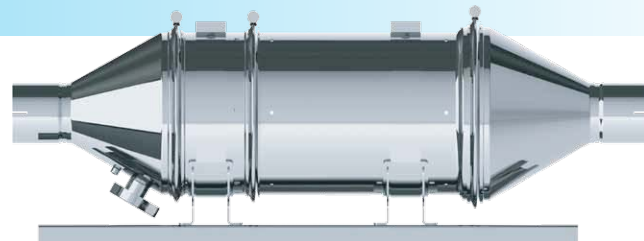


# LongMile<sup>®</sup>-S

Passive Level 3+

Diesel Particulate Filter System

  
An ESW Group Company



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 from 4.2 to 15 liters
- Applicable to a wide range of engine model years between 1993 and 2009, 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><br>> Engine PM Limit     | 0.10 g/bhp-hr PM and lower  |
| CARB Verification <sup>1</sup><br>> Engine Model Years  | 1993-2010   |
| CARB Verification <sup>1</sup><br>> Engine Displacement | 4.2-15 liters   |
| CARB Verification <sup>1</sup><br>> 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)<br>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.



Call for more info (909) 510-4264

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[www.cleanandgreenvehicles.com](http://www.cleanandgreenvehicles.com)