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# LONG LIFE FILTER

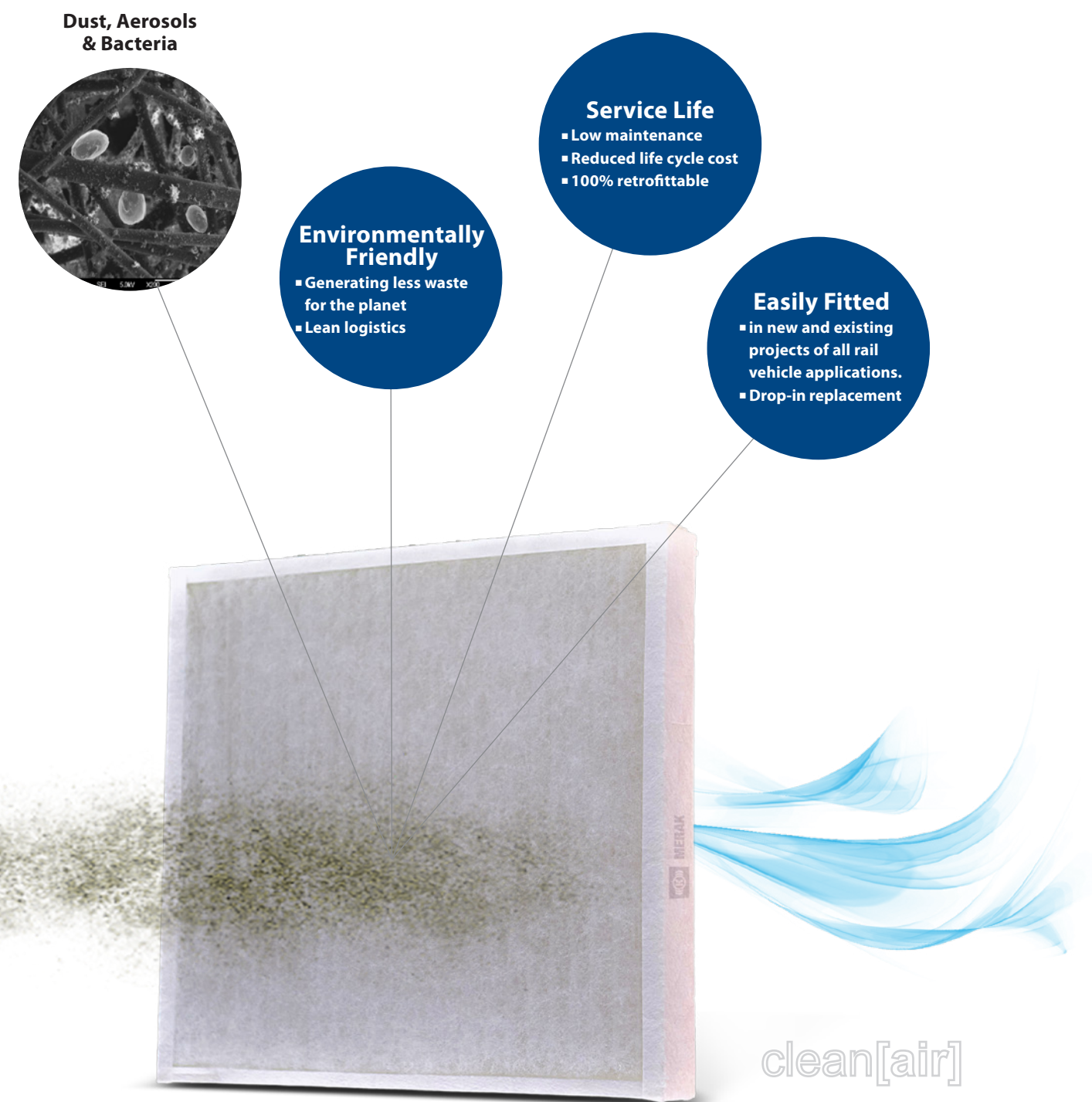
**Low Maintenance  
High Efficiency  
Reduced Life-Cycle Cost**

-  **KNORR-BREMSE**
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# Long Life Filter

A proprietary combination of materials offers higher filtration efficiency with lower pressure drop, ensuring a safe journey for passengers.



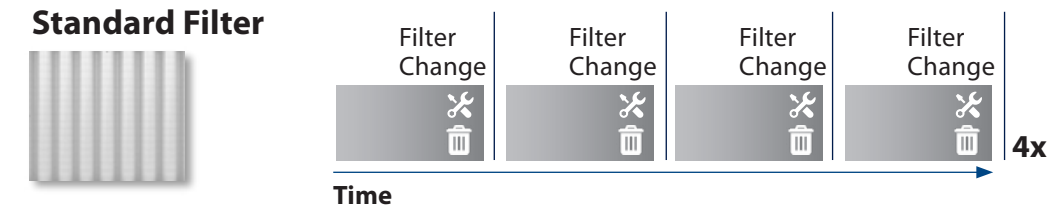
## Features

Knorr-Bremse has set a new benchmark in panel filters technology. Lasting up to 4 times longer than standard commercial panel filters, while occupying the same space, the long-life filter can be fitted in almost any new / old HVAC equipment<sup>1</sup>.

### Merak Long Life Filter

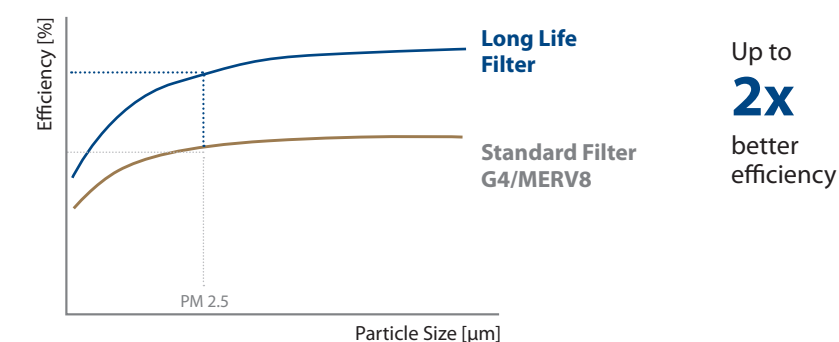


### Standard Filter



<sup>1</sup>Relative filter service life depends on the environment and project application.

## Efficiency



## Technical Data

Efficiency Class	ePM10 60%, according to ISO 16890
Dimensions fully customizable <sup>2</sup>	W x H x D mm
Typical air speed range	1 – 2,5 m/s
Typical pressure drop	22 – 88 Pa
Max. operating moisture	100%
Fire & Smoke classification	HL3 (EN 45545-2 R5)

<sup>2</sup>Standard Depth: 48 mm.

We reserve the right to make technical modifications.