

LFC, LEAN FILTER WITH CIRCULAR FRAME



Sustainability
& circularity



Reduce waste &
transportation



LEANFIL[®]

By Interfilter

THE BAG FILTER OF THE FUTURE

Over the years, we have been at the forefront of the market in delivering and developing sustainable products. Every day, we are committed to making our customers' buildings and installations more sustainable. Creating a healthier indoor environment, reducing waste, cutting energy costs, and reusing materials align with our approach.

Sustainable bag filter with a circular frame

Air filters are used to purify the air from various particles, making a filter inherently green and healthy. Bag filters are the most commonly used air filters in air handling systems and need replacement when saturated. In collaboration with our in-house partner, Deltrian, we have expanded our range of air filters with a new, sustainable, Eurovent-certified bag filter. With this bag filter, we take a step towards a circular economy, Lean Filter with Circular Frame (LFC)



Thanks to these bag filters, we provide the opportunity to optimize the sustainability of your air handling system. With LFC bag filters, filter frames no longer end up on the waste heap along with the filter medium. The aluminum filter frames are fully recycled and remain in the air handling system for a minimum of 20 years with a 10-year warranty. With this filter, only the bags are replaced, reducing a significant amount of waste.



Circular frame with a 10-year warranty



LCA and EPD certificates are under development



Specifications of the filters remain unchanged

ADVANTAGES OF THE SUSTAINABLE FILTER FOR THE FUTURE

Test case with 16 bag filters	Conventional bag filter	LFC bag filter	Difference
Weight	44 kg	5.6 kg	87% lighter
Storage and transport	8 boxes	2 vacuum bags	75% less
Total filter replacement	24,5 min	31,5 min	28% slower
Filter replacement per filter	92 sec	118 sec	28% slower
On-site transport (round trip)	60 min	20 min	67% faster (3 times faster)
Total time	84,5 min	51,5 min	39% time savings

HOW DOES THE SUSTAINABLE BAG FILTER WORK?

Replacing the bags is easy due to the elastic band fitted to the filter and the replacement tool provided to the technician. The elastic band allows the bag filter to easily connect to the frame. When the respective filter is saturated, the technician can easily remove the elastic edge from the frame and replace the bags. Thanks to the circular frame, technicians have less weight to carry and less volume to move during maintenance jobs. This also applies, of course, to the disposal of the contaminated filters.



Easy filter replacement



Improved ergonomics for technicians



Available with energy label A+

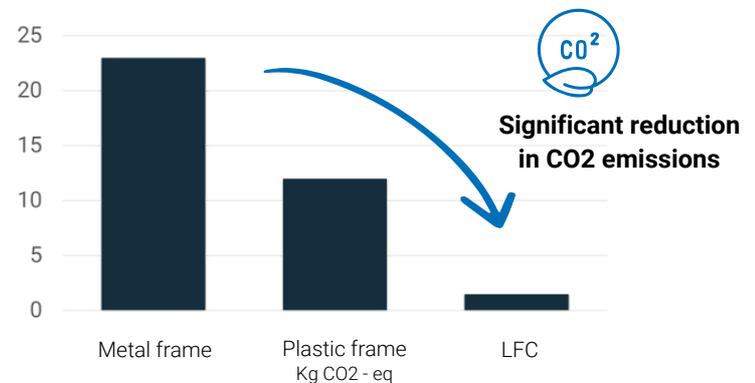
Curious about the LFC bag filter in action?

Scan the QR code and watch the [video!](#)



Reduce the **ecological footprint** and amount of **waste**.

CO₂ **emissions** when disposed of as residual waste.



MAINTENANCE BENEFITS

Thanks to the LFC bag filters, transportation, storage, waste, weight, and consequently, the ergonomics for technicians have been significantly improved! Comparison for replacing 16 bag filters: from 8 boxes to 2 vacuum bags.



75% less storage & packaging



87% less weight & improved ergonomics



39% total time savings



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