

LFC, LEAN FILTER WITH **CIRCULAR** FRAME



Sustainability &
circularity



Less waste &
transport



LEANFIL®

By Interfilter

THE BAG FILTER OF THE FUTURE

Over the years, we have been progressive in the market in terms of delivering and developing sustainable products. Every day, we are working on making our customers' buildings and installations more sustainable. Creating a healthier indoor climate, reducing the waste mountain, reducing energy costs and reusing materials fits within our way of working.

Sustainable bag filter with circular frame

Air filters are used to purify the air of various dust particles, which by definition already makes a filter green and healthy. Bag filters are the most commonly used air filters in air treatment installations and must be replaced when they are saturated. Together 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 are taking a step towards a circular economy, the Lean Filter with Circular Frame (LFC).



Thanks to these bag filters, we offer the possibility to optimally enhance the sustainability of your air handling unit. With the LFC bag filters, filter frames and filter media no longer end up on the waste mountain. The filter frames, made of aluminum, are completely reused and therefore remain in the air handling unit for at least 20 years with a 10-year warranty. With this filter, only the pockets are replaced, which reduces a large amount of waste.



Circular frame with 10 year warranty



LCA and EPD certificates are in development



Filter specifications remain the same

BENEFITS SUSTAINABLE FILTER FOR THE FUTURE

Test case with 16 bag filters	Regular bag filter	LFC bag filter	Difference
Weight	44 kg	5,6 kg	87% lighter
Storage and transport	8 boxes	2 vacuum bags	75% less
Filter change total	24,5 min	31,5 min	28% slower
Filter change per filter	92 sec	118 sec	28% slower
On-site transportation (there & back)	60 min	20 min	67% faster (3x faster)
Total time	84,5 min	51,5 min	39% time saving

HOW DOES THE SUSTAINABLE BAG FILTER WORK?

Replacing the pockets is easy due to the elastic edge that is tied around the filter and the replacement stand provided to the technician. The elastic edge allows the bag filter to easily connect to the frame. When the filter becomes dirty, the technician can easily remove the elastic edge from the frame and replace the pockets. Thanks to the circular frame, technicians need to carry and transport less volume during the last mile at the project location. This also applies, of course, to the disposal of the dirty filters.



Easy filter change



Improved ergonomics for technicians



Available with energy label A+

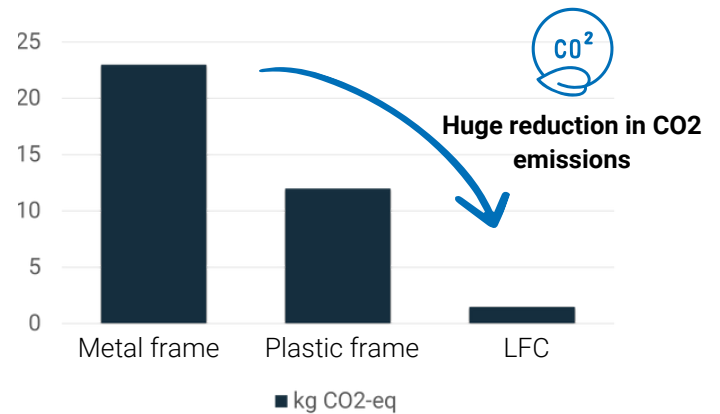
Curious about the LFC bag filter in practice?

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



Reduce ecological footprint & amount of waste

CO₂ emissions disposing of as residual waste.



MAINTENANCE BENEFITS

Thanks to the LFC bag filters, the transport, storage, waste, weight and therefore the ergonomics of the mechanics have improved enormously! See here an example of 16 bag filters: from 8 boxes to 2 vacuum bags.



75% less storage & packaging



87% less weight & better ergonomics



39% total time savings



Stay up to date with developments in filtration. Scan the QR code and follow us on LinkedIn. [in](#)

