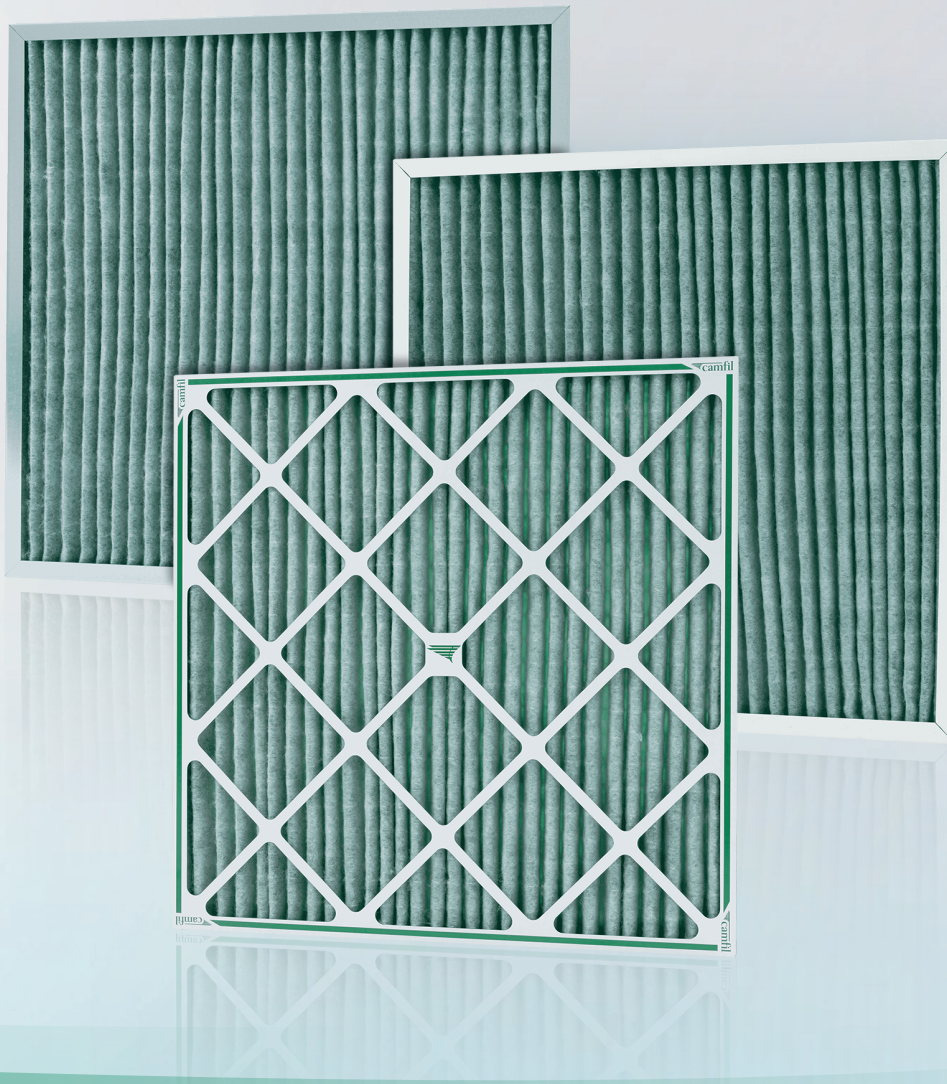




Dual10 ePM10 55% Pleated Panel Air Filter

AN EVOLUTION IN FIRST STAGE FILTRATION SOLUTIONS

Longer life, improved filtration efficiency, extra protection.



DUAL10 SETS A NEW STANDARD IN THE AIR FILTRATION INDUSTRY

Dual10 is a breakthrough product where every component has been engineered to deliver the highest level of continuous particle removal, with the lowest energy consumption and longest service life, while maintaining a stable filtration efficiency throughout its lifetime.

Why choose Dual10?

Camfil asked users what they wanted in pleated panel filters and four objectives stood out:

- Longest possible service life to reduce the need for frequent filter changes thus saving labor resources for more critical maintenance projects. In many cases this means that your prefilter is changed 3 times less vs comparable products.
- Reduced energy consumption in line with corporate cost saving and sustainability objectives.
- Improved filtration for better protection of HVAC equipment – reduces the need for coil and system cleaning by 25%-50% compared to lower efficiency Coarse filters.
- Tested and certified to International standards to ensure the filtration efficiency remains stable throughout its operational lifetime.

Unprecedented Industry Guarantee

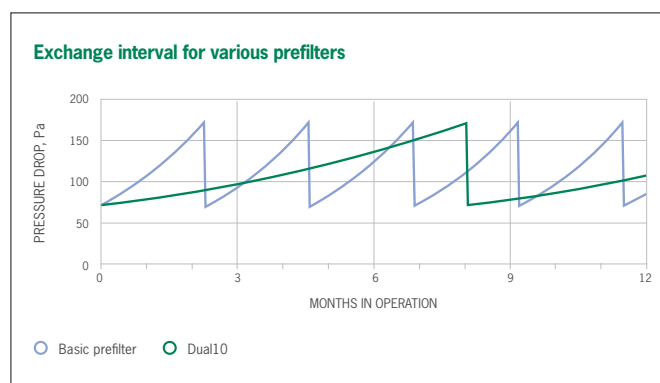
We are so confident in our filters performance, we are the only manufacturer that guarantees our filters will hold their rated efficiency for their entire service life up to 9 months in ODA3, and up to 12 months in ODA 1 and 2.

Camfil guarantees the Dual10 will last even up to 12 months depending on the application and outdoor air quality, when operated at or below the rated airflow capacity for that filter.

Built to last. Tested for proof

Dual10 media is manufactured from a proprietary blend of fine fibers utilizing a mechanical particle capture principle. The Dual10 media was put through three years of real life testing to ensure performance under real life conditions and to establish the only guarantee of its kind. Highest energy saver, lifetime efficiency, and lasts up to 9 months in ODA3, and up to 12 months in ODA1 and 2.

For every Dual10 filter, it will take three or four low cost pleated filters which equals less waste disposal, decreased landfill impact, and lower transaction costs. At the same time significant reduction in energy consumption per year up to 25% per filter opening while having an efficiency of ePM10 55% when tested per ISO air filter testing standard 16890.



Compliance to standards and regulations



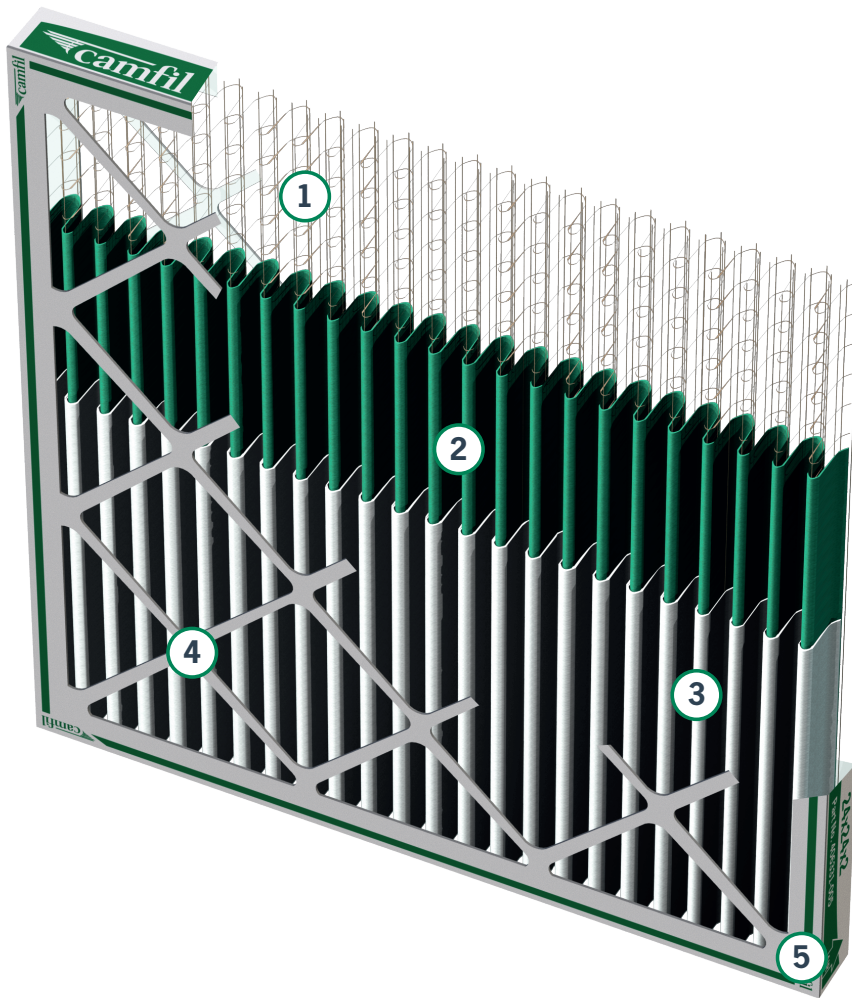
ISO16890 - Air filtration efficiency classification

The Dual10 has been designed to reach ePM10 classification, which is proven by testing acc. to ISO 16890. By meeting ePM10 55% status allows Camfil to guarantee its filtration performance throughout the operational lifetime. Combining air filtration efficiency with increased dust holding capacity ensures that Dual10 will help reduce your labour, waste and energy costs.

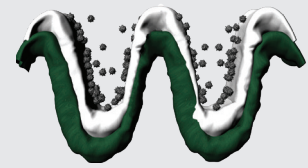


Eurovent 4/23 & 4/21 - Energy and suitability

By reaching filtration efficiency of ePM10 55% the Dual10 has become part of Eurovent Certita. This means that the energy performance of the Dual10 has been tested and calculated acc. to Eurovent 4/21-2019. Thanks to this the Dual10 provides Eurovent-verified and optimal performance in comparison to similar air filter types in the same filtration class. By achieving ePM10 55%, the Dual10 also meets key requirements for best selection practices identified by Eurovent 4/23-2022 in line with EN 16798-3.



Camfil's Dual10 Pleat

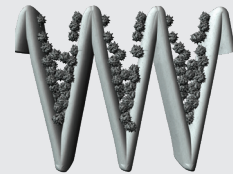


Dual10 Pleat High Lofted Dual Media

- Gradient density, mechanical filtration media
- Uniform radial style pleat loads evenly resulting, in lower average pressure drop and long loading curve



Competitors' V-Pleat



Competitors' V-Pleat Coarse Fiber

- Utilizes electrostatically enhanced media
- V type pleat will blind causing rapid increase in pressure drop, short lifetime and high energy cost

Built Strong

Designed to withstand turbulent or harsh airflow that may be common in some HVAC systems.

1. Welded Steel Grid with Corrosion Inhibitor

A crossed wire grid, spot welded on 25mm centers, provides industrial grade support to hold pleat formation throughout service life.

2. Proprietary Dual High Lofted Fibers

New media technology - Dual layered media combines two filtration layers in one package. Upstream white layer designed for larger particles and downstream green layer designed for finer particles. Combined solution provides a dust holding capacity 4 times higher than general commercial grade pleats.

3. Radial Pleats

Radial pleats expose all of the media area to the dirty airstream providing lower pressure drop and higher dirt holding capacity.

4. Diagonal Support

Diagonal support members bonded to the media maintain pleat separation and ensure filter rigidity.

5. Moisture Resistant Frame Board

Premium high wet-strength frame board is resistant to moisture and has a high tensile strength. Dual10 is also available with plastic or galvanized steel frame.

For more than half a century, Camfil has been helping people breathe cleaner air. As a leading manufacturer of premium clean air solutions, we provide commercial and industrial systems for air filtration and air pollution control that improve worker and equipment productivity, minimize energy use, and benefit human health and the environment. We firmly believe that the best solutions for our customers are the best solutions for our planet, too. That's why every step of the way – from design to delivery and across the product life cycle – we consider the impact of what we do on people and on the world around us. Through a fresh approach to problem-solving, innovative design, precise process control and a strong customer focus we aim to conserve more, use less and find better ways – so we can all breathe easier.

The Camfil Group is headquartered in Stockholm, Sweden, and has 31 manufacturing sites, six R&D centres, local sales offices in 35+ countries, and about 5,200 employees and growing. We proudly serve and support customers in a wide variety of industries and in communities across the world. To discover how Camfil can help you to protect people, processes and the environment, visit us at www.camfil.com.

46mm Actual depth Pressure Drop: 70Pa						
Type*	Dimensions (mm)			Airflow Capacity (m ³ /h)	Media Area (m ²)	
1055 595x595x46	595	595	46	3400	1.7	
1055 493x493x46	493	493	46	2400	1.2	
1055 622x493x46	622	493	46	3000	1.5	
1055 595x493x46	595	493	46	2900	1.4	
1055 622x393x46	622	393	46	2400	1.2	
1055 493x393x46	493	393	46	1900	0.9	
1055 595x289x46	595	289	46	1700	0.8	

95mm Actual depth Pressure Drop: 65Pa						
Type*	Dimensions (mm)			Airflow Capacity (m ³ /h)	Media Area (m ²)	
1055 595x595x95	595	595	95	3400	2.5	
1055 493x493x95	493	493	95	2400	1.7	
1055 622x493x95	622	493	95	3000	2.1	
1055 595x493x95	595	493	95	2900	2.1	
1055 622x393x95	622	393	95	2400	1.7	
1055 493x393x95	493	393	95	1900	1.4	
1055 595x289x95	595	289	95	1700	1.2	

* Available in frame material option: moisture resistant cardboard, plastic, and metal.

www.camfil.com

For further information, please contact your nearest Camfil office.