



ELOFIL®



**ILT Industrie-
Luftfiltertechnik**

WE CARE FOR PURE AIR.

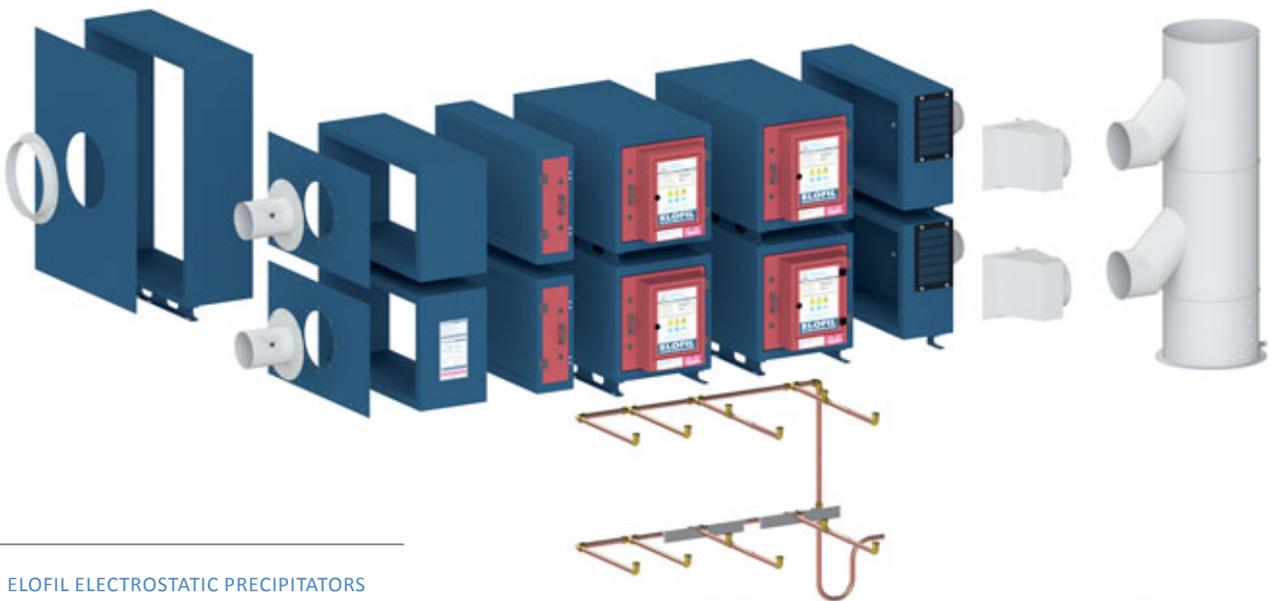


ELOFIL Electrostatic Precipitators

Reliable and patented technology with low operating cost.

ELOFIL are based on the patented ILT modular system. This way, solutions for different cases of application and air pollutions can be realized cost-effectively. Regardless of whether the suction performance is 1000 or 100 000 m³/h. Even retrofitting or extension are possible at any time thanks to the existing components which can be used modular. The filter elements are, of course, compatible with all designs and interchangeable.

THE PATENTED MODULAR SYSTEM: FLEXIBLE, EXTENDABLE AND COMPATIBLE. FOR THE MOST DIFFERENT CASES OF APPLICATION.



ELOFIL ELECTROSTATIC PRECIPITATORS (ESP) ARE CHARACTERIZED BY HIGH QUALITY DESIGN AND EFFECTIVE FUNCTIONING. BY MEANS OF THE DODRA-TECHNOLOGY DEVELOPED AND PATENTED BY ILT AN ESPECIALLY HIGH COLLECTION EFFICIENCY IS ACHIEVED. THANKS TO THE FACT THAT ALL FILTER ELEMENTS CAN BE CLEANED AND REUSED, THE OPERATING COSTS ARE EXCEPTIONALLY LOW.



3-YEAR-WARRANTY



SAFE



VERSATILE

Reusable filter inserts

All filter elements can easily be cleaned and are immediately ready for operation. There are no follow-up costs for filter material. High reliability, mechanical stability and longevity are further plus points. The filter elements have a long service life, they do not need much maintenance.

Double ionizer stage

By means of double ionizer elements trouble-free electrostatic charging of the pollutant particles is ensured. This way, the average collection grade even with changing pollutant load as well as efficiency are increased once more.

Your benefit with ELOFIL:

Low operating cost, reliability, and a high collection efficiency.

Flow-optimized design ECO

The ventilators are optimized regarding their flow technology. This means that despite high suction performance they require only little energy. This means that operating cost are exceptionally low. ELOFIL ESPs make clean air affordable

Electronic Control

Unmistakable and easily understandable displays and an electronic control deliver support during maintenance and avoid faulty operation. This does not only protect ELOFIL from damage it also minimizes maintenance costs.

Patented DODRA technology for higher collection efficiency

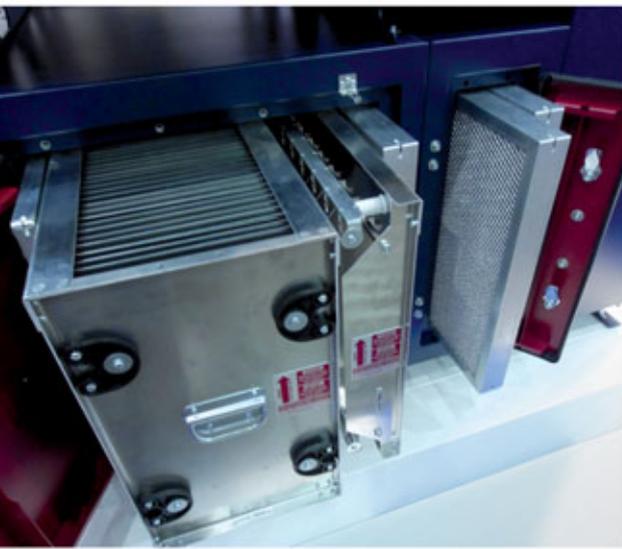
The patented DODRA technology developed by ILT is applied in ELOFIL. This means that ELOFIL is one of the most efficient electrostatic precipitators on the market achieving up to 25% higher collection efficiency than other electric filters.

Protection against short-circuits with SCP

One of the most important components of an ESP is the high-voltage generator. ELOFIL is equipped with high-voltage generators which are electronically protected against short circuits and ensure trouble-free functioning. In case something should happen after all, the high-voltage generators can be repaired completely thus saving operating costs.

Flexible assembly by patented modular system.

Thanks to the space-saving modular construction, as single suction ELOFIL can be installed directly on or a machine. Larger groups or central suction systems can be flexibly arranged in modular units. Thus, ELOFIL adapts to your requirements. Even if they should change due to modifications of production or if machines have to 'move'. ELOFIL was designed to be used in industries, robust and reliable for years in the daily routine of industrial production. Worldwide.



ELOFIL is made of modules:

There is a suitable type of system for every case of application.

ELOFIL ELECTROSTATIC PRECIPITATOR | EXTRACT FROM LIST OF TYPES

Type	Ventilator performance	Suction performance / nominal air stream	Filter surface	ECO / SCP / DODRA / HEPA / Modular / Reuse	Oil mist / emulsion mist / smoke / dust / special applications
MS 1E...V15 ^{3,4}	1 500 m ³ /h	900 m ³ /h	12.6 m ²	■/■/■/□/■/■	■/■ ¹ /■/□/■ ²
MS 1E...V30 ^{3,4}	2 400 m ³ /h	1 800 m ³ /h	12.6 m ²	■/■/■/□/■/■	■/■ ¹ /■/□/■ ²
MS 1E...V45 ^{3,4}	3 000 m ³ /h	2 700 m ³ /h	12.6 m ²	■/■/■/□/■/■	■/■ ¹ /■/□/■ ²
MS 2E...V75 ^{3,4}	5 000 m ³ /h	4 400 m ³ /h	25.2 m ²	■/■/■/□/■/■	■/■ ¹ /■/□/■ ²
MS 4E...V75 ^{3,4}	5 000 m ³ /h	4 400 m ³ /h	50.4 m ²	■/■/■/□/■/■	■/■ ¹ /■/□/■ ²
MS 8E...V150 ^{3,4}	9 200 m ³ /h	8 800 m ³ /h	100.8 m ²	■/■/■/□/■/■	■/■ ¹ /■/□/■ ²
MS 12E...V215 ^{3,4}	15 000 m ³ /h	12 800 m ³ /h	151.2 m ²	■/■/■/□/■/■	■/■ ¹ /■/□/■ ²

Types with higher suction performance and/or larger filter surface on demand

Types without ventilator unit for installation in existing airflow systems on demand

Reuse: all filter elements are reusable

¹ Oil content at least 5%

² We engineer for you cost-efficiently and quickly air pollution control solutions for special applications. Send us your inquiry!

³ Optional: without extra cost - door right (...R...) or left (...L...) from the airflow

⁴ Optional: with installed ventilator unit (...V...) or without (...B...), to be installed in in existing airflow systems





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