



OIL
MISTS



MIST COMPACT™ Oil mists filter

The MIST COMPACT® oil mist filter is designed to build centralized systems

It is a coalescent effect filter for the abatement of emulsified oil mists, composed of pleated glass fiber cartridges with H13 efficiency and an external polypropylene membrane.

The structure of MIST COMPACT® is equipped with a large inspection panel to facilitate all assembly and maintenance operations.

The polluted air enters the filter passing through a plenum that favors the slowing

down of the flow and the decay of the coarser particles. The any waste in fluid form first passes through a pre-separator in a metallic lattice, then passes through the glass fiber cartridges depositing the contaminant outside them, while the clean air is evacuated from the filter head.

The collected oil particles are expelled through a drainage tube positioned in the lower part of the filter.

Optional:

- ▶ Electrical power board with Start & Stop or VFD
- ▶ Absolute final filter (H11 or H13)
- ▶ Silencers
- ▶ DP Led





Advantages

- ▶ Efficiency
 - ▶ Emissions $\leq 5 \text{ mg/Nm}^{3*}$
- ▶ Energy saving
- ▶ Improve the working environment
- ▶ Easy installation
- ▶ Customized systems solutions
- ▶ Technical assistance and after-sales service
- ▶ Costs saving of management and maintenance

*Other emissions reachable on request

DP-LED Cyclic Timer with integrated DP control

On the filter is installed a 2-color LED strip green and red. The strip is mounted on the front of the filter and allows the operator to have a clear view of the clogging state of the cartridges.

-  GREENLED - Normal operating status
-  REDLED - Status of clogged cartridges



Via Firenze, 69
20025 Legnano (Mi) - Italy

T +39 0331 527403

F +39 0331 527484

www.hfiltration.com

commerciale@hfiltration.com

