

Entro-H Range Filter Maintenance Guide

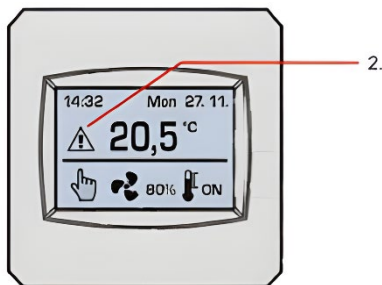
MVHR (Mechanical Ventilation with Heat Recovery) units require regular filter maintenance (cleaning or replacement). The Airflow MVHR units have been designed to facilitate convenient access to the filters with easy maintenance in mind. The Airflow filters are tested and compliant with ISO 16890. This filter replacement guide is specific for the following products:

Product no	Description
90000397	DV250 Entro-H
90000398	DV300 Entro-H
90000399	DV400 Entro-H

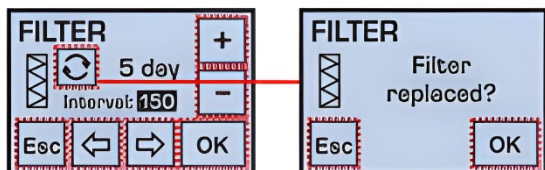
Filter replacement indication

The safety switch automatically turns off the power when the upper door of the unit is opened. Always disconnect the power plug before starting the ventilation unit maintenance. The maintenance reminder indicates filter replacement with a pop-up window.

CPA controller



2. Alerts
(e.g. the indication for filter replacement)



Indication of the number of days left until the air filter must be replaced.
Setting the regular filter replacement interval in a range of 30 – 150 days (by 10 day).
Filter replacement confirmation (a new countdown automatically starts after confirmation).
The regular filter replacement interval should be set according to the dust and pollen load of the outdoor environment.

CPB controller



LED indicator

Red – long interval flashing => The red LED is on for 0.3s and then off for 4.7s: this flashing indicates that filters must be replaced.

Replace filters following the next steps:

Carry out filter cloth replacement operations only if you do not suffer from allergies to dust particles. Avoid replacing filters when people with such allergies are present.

Replace the filter cloth from the filter frame in a well-ventilated area or outdoors.

Before removing the frame with cloth, it is recommended to have an air-tight bag (a plastic carrier bag etc.) ready to carry the frame to a suitable area to conduct replacement and subsequently use it to dispose of the contaminated cloth, e.g. with common waste.

When replacing filters, do not remove the unit's door – use the special cover for filter replacing.

1. Release the filter plugs in the housing until using the product in the package – pull straight on.

Do not pull on the slant!



2. Remove the cover on the unit's enclosure, start from the bigger recess.

3. Take out the frame with filter cloth.

4. Slide a new filter cloth onto the frame. The fibre is to be slid onto the frame.



5. Properly fitted cloth – the blue / red side faces unit's ports and the white one the heat recovery exchanger.

6. Fit the filter covers, proceed from one side to another.

7. Press the cover into the unit's enclosure so that it is flush with the lid's edge along the entire parameter.



Product no	Description	Dimensions (mm)	Pcs required/unit
90000410	DV250 Entro Coarse 90% (G4) Filter Set (10 pcs)	320x10x230	1
90000648	DV250 Entro ePM1 55% (F7) Filter Set (10 pcs)	320x10x230	1
90000411	DV300/400 Entro Coarse 90% (G4) Filter Set (10 pcs)	425x20x230	1
90000649	DV300/400 Entro ePM1 55% (F7) Filter Set (10 pcs)	425x20x230	1