

Fresh-r Compac - cleaning heat exchanger



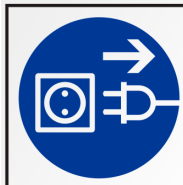
Preface

To keep your Fresh-r ventilation system in good condition, we recommend cleaning the heat exchanger every 6 months. The Fresh-r is designed in such a way that the parts that need to be maintained are easily accessible. The manufacturer Vaventis B.V. is not liable for incorrect operation of the Fresh-r as a result of inadequate or incorrect maintenance. If you have any questions, please contact your supplier or Fresh-r via support@fresh-r.eu.

For safety reasons it is important to always switch off the Fresh-r or unplug the Fresh-r from the socket before starting maintenance.

Images shown may vary slightly by model.

1. Cleaning heat exchanger

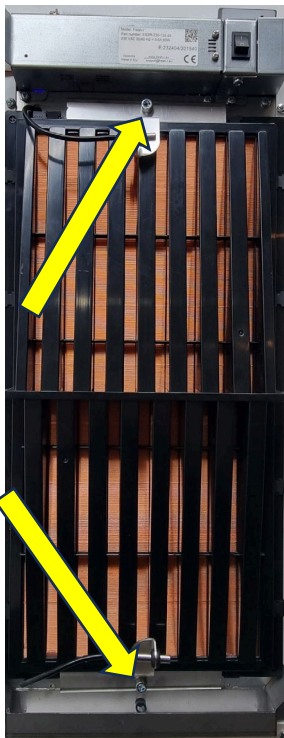


WARNING

Disconnect Power Supplies Before Servicing or Cleaning.

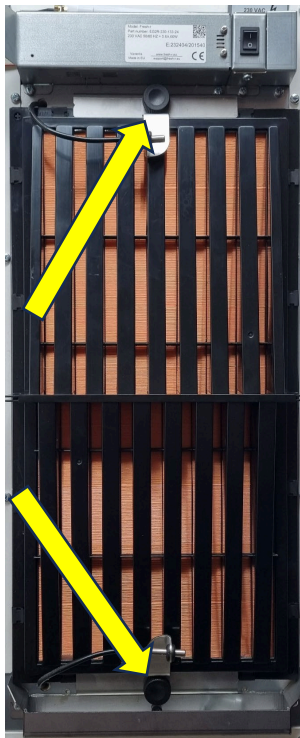
- Do not perform any maintenance activities other than specified in this manual
- Before starting maintenance, make sure the switch is in the OFF position or the power cord is disconnected from the electrical outlet.
- During maintenance, do not turn the switch to the ON position or plug in the power cord.

- Frequency: every 6 months
- Use a shower head to clean the heat exchanger. The water should not be warmer than 40°C or 104°F.
- Do not touch the copper wire of the heat exchanger.
- Open the Fresh-r by removing the door cover or opening the door. In some models, the door is secured at the bottom with a screw.
- Set the on/off switch to the OFF position or unplug the plug from the socket.
- Remove the heat exchanger. The way it is attached may vary per model.



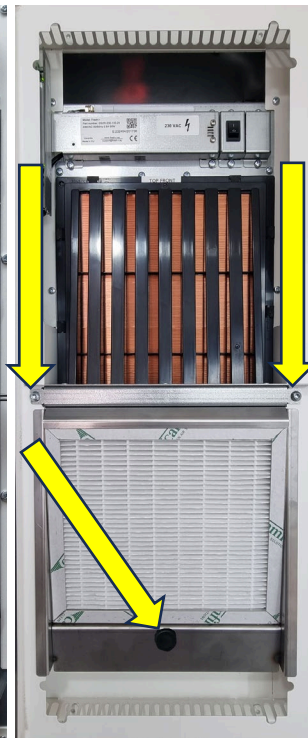
Mounting with two clamps and Allen bolts.

Use a 5 mm/0.2 inch Allen key to loosen both clamps.



Mounting with two clamps and rotary knobs.

Loosen both knobs to release both clamps.



Mounting with center bar and fine dust filter.

If present, first remove the filter holder including filter. The filter holder is secured at the bottom with a rotary knob. Then remove the center bar with a torx T4 screwdriver or bit.



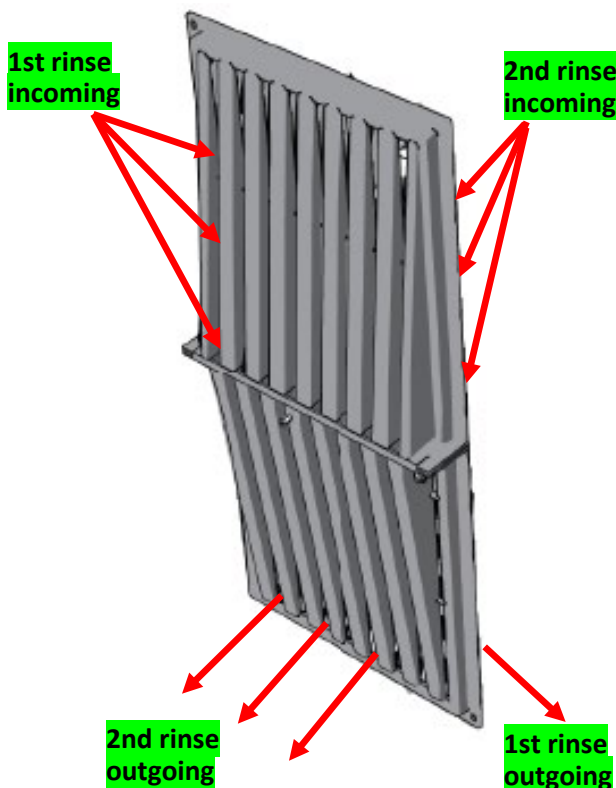
The side at the top of the front is the outgoing air side. This top side has the most dust, just like the top of the back. If this top side is very gray and dusty, it is time to clean the heat exchanger.

Remove the heat exchanger by grabbing it halfway along the sides and pulling it towards you.

1. Cleaning heat exchanger



1. Use a shower head or garden hose. Provide medium to high water pressure. Spray from a distance of at least 5 cm or 2 inches.
2. Turn the heat exchanger upside down.
3. During the first rinse, rinse water into all air ducts from a clean side. The water comes out on the other side at the bottom and takes most of the dust with it.
4. Repeat this for the other clean side. Always rinse water into the air ducts from above. This way, the dust on the invisible inside is rinsed out.
5. After this 1st and 2nd rinse from the two clean sides, spray water on all four sides directly onto the copper wire.
6. If there is still dirt visible on the outside, repeat step 5 for that side(s).
7. Any visible dirt or stains may remain – **do not brush the copper wire!**



The heat exchanger is facing down here, with the two dirty dusty sides at the bottom.

9. After rinsing, shake the excess water out of the heat exchanger. The heat exchanger does not have to be completely dry when replacing. Excess moisture is drained during ventilation.
10. **Replace the heat exchanger with the sticker 'TOP FRONT' on the top and front.**
11. **Re-secure the heat exchanger with the clamps or center bar.**
12. **Optional: replace the filter holder.**
13. Switch the Fresh-r back on and replace the door.

PLEASE NOTE: In the event that cleaning of the heat exchanger has been neglected: rinse as indicated in the diagram, with a high-pressure cleaner, without chemical additives from a distance of at least 5 centimetres or 2 inches and for a maximum of 10 minutes.