

## SEVi 160 - Line

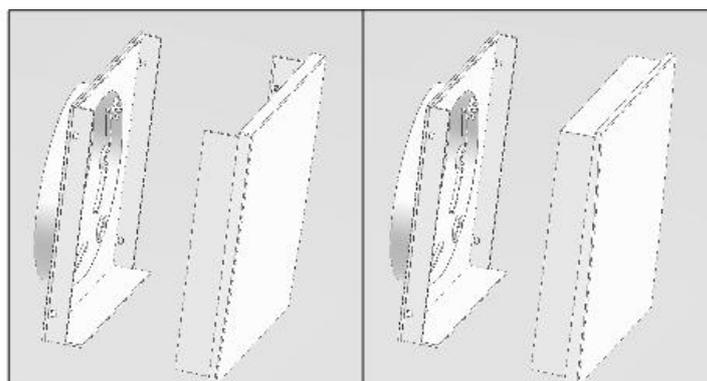
### Operating and maintenance instructions

#### Principle of heat recovery



The devices belonging to the fan system are operated in opposite directions in the heat recovery mode. This means that in paired operation of each device, used room air is alternately discharged to the outside and replaced by fresh air that has been preheated by the heat accumulator. The ventilation system works with a DC voltage of 12 V and consists exclusively of high-quality materials. In addition to the heat recovery mode, there is the option of boost ventilation, in which, depending on the installation situation, the fan is provided for a constant air flow in one direction in order to achieve ventilation without opening the window (noise protection). Year-round use of the fan system is recommended. In the non-heating periods, the fan system works in the opposite direction. Summer operation is recommended here (boost ventilation in the night and morning hours, heat recovery in a small setting during the day), whereby the generally cooler temperature of the indoor air in the morning hours is maintained in line with the principle of heat recovery in the living room.

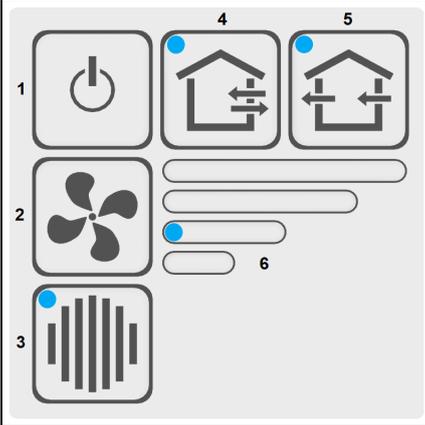
If the fan system is not in operation (important during the heating season), the inner panel must be closed by mounting the upper part of the inner panel rotated 180 ° so that, for example, in the event of a power failure or under certain winter conditions, no uncontrolled heat escape from the building or cold air into the building via the ventilation device can penetrate.



Closure of the inner cover

**The opening of the inner cover should ideally point upwards (prevention of drafts below the inner cover).**

## Functional overview

|   |   |   |
|---|---|---|
|   | <p><b>(1)</b> 1 Device On/Off:</p> <p><b>(2)</b> Selection of the fan stage:</p> <p><b>(3)</b> Acknowledgement/filter change:</p> | <p>When the device is switched off, the fan continues to run for a short period of time.</p> <p>If this key is pressed repeatedly, the fan stages 1 – 4 are run through. The fan stage currently set is shown in the LED display (6).</p> <p>The end of the maintenance interval for the dust filter is signaled by the LED. The display will be reset if the key is pressed for ca. 5 seconds after the filter change.</p> |
| <p><b>(4)</b> Operation in pairs: Heat recovery mode, normal operating condition in the fan stages 1 – 4*.</p> <p>*depending on the device type, see 3.7</p>  |   | <p><b>(5)</b> Permanent intensive brief ventilation operation: If this key is pressed, the ventilation system jumps to a permanent intensive brief ventilation mode which allows the ventilation of a room without opening the windows. For this purpose, stage 4* is set automatically.</p> <p>* depending on the device type, see 3.7</p>   |
| <p>Snooze function: The control unit is provided with a snooze function by means of which the system can be started with a delay of 60 minutes.</p> <ul style="list-style-type: none"> <li>Set the desired operating mode and fan stage.</li> <li>Keep the keys 3 and 5 pressed for at least 3 sec. (press key 3 first) -&gt; only the LED of the operating mode set (4 or 5) is lit.</li> </ul> <p>Press the keys (2), (4) or (5) to terminate the snooze phase prematurely.</p> |   |   |

You can find detailed maintenance videos on our website, taking into account the information in the table below for your products:

<https://www.dezentrale-lueftung.com/mediathek/>

## Maintenance intervals

|   |   |
|---|---|
|  <b>Danger: Carry out all work in a voltage-free state!</b> |   |
| Dust filter (inner cover)   | Check every 12 weeks for soiling, damage (leaks) and odors -> if necessary, replace the affected filters, display by controller LED, latest filter change every 12 months (4 x filter interval) |
| Optional pollen / active climate filter (inner panel) (not SEVi 160DUO MINI)  | Exchange after 12 weeks, display by controller LED  |
| Heat exchanger  | Cleaning every 24 weeks, display by controller LED (2 x filter interval)<br>Compressed air, vacuum cleaner  |
| Fan   | Clean the blades every 12 months with a soft, slightly dampened cloth or brush  |
| Pre-filter (fan unit) (not SEVi 160DUO MINI)  | Cleaning every 24 weeks, rinse under running water, do not leave it in the water, just reinstall it completely dry<br>"From 01/2021 the pre-filter will be omitted."                            |
| Additional sound insulation inserts   | Check for dirt every 12 months and carefully vacuum with a vacuum cleaner. If it is very dirty, it is advisable to replace it.  |