

SEVi 160

Intelligent decentralized ventilation
system with heat recovery



DIBt-approval
Nr. Z-51.3-321

SEVi 160

SEVi 160 heat recovery ventilation (hrv)

Quality - Made in Germany



SEVi 160 (Plus)

The SEVi 160 system is one of the smallest decentralized ventilation systems with heat recovery and is almost invisible because its high end technology is hidden in the wall. With an external sound insulation of up to 49 dB, the variant SEVi 160 Plus belongs to the category of sound insulated ventilators.

SEVi 160 undercover (soffit)

SEVi 160 soffit (undercover) - Is designed for fitting into soffits. The SEVi 160 soffit has a special outer unit which when installed is almost concealed in the soffit. The air output value of the system is similar to the standard SEVi 160 unit.



SEVi 160 light

SEVi 160 light - Is designed for slim walls down to 150mm in thickness. Fresh air for thin external walls from 150mm thickness is guaranteed with the SEVi 160 light. The special weather cover for the outdoors guarantees the same performance and interior view as the standard SEVi 160 unit.

SEVi 160 duo

SEVi 160 duo - The complete heat recovery ventilation unit is used to ventilate single rooms. The single ventilation system consists of two ventilation units and can be used to ventilate kitchens, bathrooms etc.

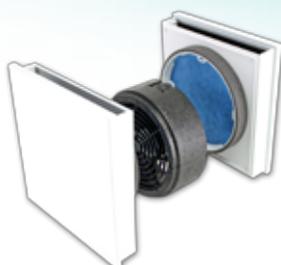


SEVi 160 cellar

This ventilation unit is used for basements. The basement ventilation system SEVi 160 base provides the necessary air exchange when the external wall is below ground.

SEVi 160 roof

SEVi 160 roof is used to ventilate roof room. The specific construction enables the ventilation of rooms on top floor.



SEVi 160 internal

SEVi 160 internal - provides the connection of internal rooms, which are located inside of a building and have no external wall.

Your benefit: healthy air and comfort



Good Insulation and Fresh Air

There will always be fresh air throughout the house - even with the windows closed. The maximum sound insulation protects against disturbing ambient noise.



Prevention of Mold

Through an optimal exchange between fresh air from outside and moist inside air humidity damage is avoided and thus protects the health of residents and the state of the building.



High Energy Efficiency with Heat Recovery

The extremely high level of heat recovery up to 91% is achieved through the special ceramic heat buffer used. Compared to conventional ventilation by opening windows, there is much more heating energy saved.



Reduces Pollen and Dust

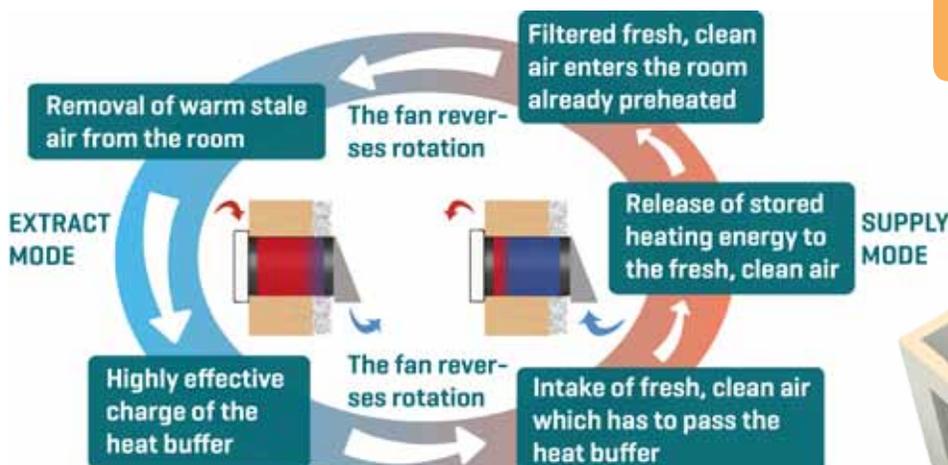
Integrated dust filter ensures clean and fresh air. If desired, pollen filter and active-air-filter increase the comfort of the ventilation system.



Individual Areas of Application

The variety of unit types allows use in almost all buildings, regardless of whether these are residential buildings, offices, commercial buildings and public facilities such as schools, training center or similar.

How does the built-in heat buffer works?



Fresh air inside the building - even when the windows closed!



small ... silent ... energy-saving ...

SEVi 160 Control Panels



SEC-20 BF

Control of 6 ventilation units
With humidity sensor



SEC-Touch

3,5" Multicolor-Touchscreen
Control of 12 ventilation units
Connection with house automation system possible



3 different inside cover for SEVi 160
[synthetic material white, glass matt and glass glossy]

Specifications

Heat Recovery Rate [confirmed by DIBt]:	up to 90 %
Operating Voltage:	12 V DC
Ventilator Type:	reversible, axial, electronically controlled, moisture resistance
Air flow rate in heat recovery mode:	17 m ³ /h / 21 m ³ /h / 29 m ³ /h / 41 - 45 m ³ /h
Air flow rate in extraction mode:	up to 90 m ³ /h
Power consumption in heat recovery mode:	between 0,20 W/[m ³ /h] und 0,25 W/[m ³ /h]
Surface sound pressure level:	~ 13,4 dB on power level 1 optimized acoustic mode [12 m ³ /h]
Surface sound pressure level:	~ 16,5 dB on power level 1 [16 m ³ /h]
Standard sound level difference SEVi 160:	up to 42 dB
Standard sound level difference SEVi 160 Plus:	up to 49 dB
Filter:	Dust filter [G3] / optional pollen filter or active-air-filter
Inner cover:	closable, with acoustic protection
Outer cover:	V4A-stainless steel weather cover [210 x 210 mm]
Wall thickness:	minimum 150 mm
Tube diameter:	160 mm
Recommended core hole diameter:	165 mm -> 170 mm

For more technical details: www.seventilation.de