

Technical Specs of the SEVi 160 HRV System



SEVi 160

Installation Specs

Diameter of the HRV Unit (external tube diameter)	160 mm
Recommended Core Hole Diameter	165-180 mm
Minimum Wall Thickness, standard unit	260 mm
Minimum Wall Thickness, slim wall unit	150 mm
Operating Range	-20°C to +50°C
Operating Voltage	12V DC

Technical Details

Heat Recovery Rate (confirmed by DIBt)	up to 90%
Air Flow Rate in Heat Recovery Mode	Fan Level 1 17 m ³ /h
	Fan Level 2 21 m ³ /h
	Fan Level 3 29 m ³ /h
	Fan Level 4 41-45 m ³ /h
Air Flow Rate in Extraction Mode	90 m ³ /h
Power Consumption in Heat Recovery Mode	0.2-0.25 W/m ³ /h
Surface Sound Pressure Level	~ 16.5 dB (16 m ³ /h)
Standard Sound Level Difference, standard unit	up to 42 dB
Standard Sound Level Difference, silenced unit	up to 46 dB

Available Filters

Dust Filter	G3 (standard)
Pollen Filter	<i>optional</i>
Active-Air Filter	<i>optional</i>

Maximum Quantity of SEVi 160 HRV Units per Control Unit

SEC Basic	6
SEC 20-BF	6
SEC TouchControl	12

Maintenance Intervals

Contamination Check & Dusting	every 3 months
Heat Buffer Cleaning (hoover or dishwasher)	every 6 months
Latest Filter Change	every 12 months
Fan Cleaning	every 12 months

Approvals

Approval Number (DIBt - Centre of Competence for Construction, GER)	Z-51.3-321
independently tested by	Institute for Building Energetics, Stuttgart, GER ift Rosenheim, Rosenheim, GER

Dimensions (Cover and Hood only)

External Hood (made of stainless steel)	210 x 210 mm
Internal Cover, squared	200 x 200 x 37 mm

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