

Declaration of performance – Zehnder EVO 2 HRV / EVO 2 HRV PR

Release data: 15/11/2024

Product Datasheet According to Regulation (EU) NO.1254/2014 – ANNEX IV

Supplier's name or trade mark	Zehnder Group			Zehnder Group			Zehnder Group			Zehnder Group		
Supplier's model identifier	Zehnder EVO 2 HRV / EVO 2 HRV PR			Zehnder EVO 2 HRV / EVO 2 HRV PR			Zehnder EVO 2 HRV / EVO 2 HRV PR			Zehnder EVO 2 HRV / EVO 2 HRV PR		
SEC [kWh/(m²a)] specific energy consumption (cold, average, warm)	-74,2	-36,6	-12,5	-75,3	-37,6	-13,3	-77,5	-39,4	-14,9	-81,5	-42,5	-17,6
SEC class (cold, average, warm) climate	A+	A	E	A+	A	E	A+	A	E	A+	A+	E
Ventilation unit type	Two-way residential ventilation unit (RVU)											
Drive type installed	Multi-speed control			Multi-speed control			Variable speed control			Variable speed control		
Type of heat recovery system	Static heat recovery			Static heat recovery			Static heat recovery			Static heat recovery		
Thermal efficiency [%]	87			87			87			87		
Maximum flow rate [m³/h]	200			200			200			200		
Maximum electrical power input [W]	78,3			78,3			78,3			78,3		
Sound power level (LWA) [dB(A)]	49			49			49			49		
Reference flow [m³/h]	141			141			141			141		
Reference pressure difference [Pa]	50			50			50			50		
Specific fan power (specific power input - SPI -) [W/(m³/h)]	0,248			0,248			0,248			0,248		
Control factor and type installed or intended to be installed	"1 Manual control"			"0,95 Timer"			"0,85 Centralised climate control"			"0,65 Local demand control"		
Maximum declared internal and external leak rate [%]	Internal: 2			Internal: 2			Internal: 2			Internal: 2		
	External: 2,6			External: 2,6			External: 2,6			External: 2,6		
Visual filter warning position and description	Warning on unit display or room controller			Warning on unit display or room controller			Warning on unit display or room controller			Warning on unit display or room controller		
Website for technical documentation	www.zehnder.it			www.zehnder.it			www.zehnder.it			www.zehnder.it		
Annual electricity consumption by climate (cold, average, warm) per surface area of 100 m² (AEC) [kWh/a]	893	356	311	863	326	281	807	270	225	713	176	131
Annual heating savings in a (cold, average, warm) climate for an apartment with a surface area of 100 m² (AHS) [kWh/a]	8776	4486	2029	8817	4507	2038	8898	4548	2057	9060	4631	2094

Important notice

Ensure there are air filters to keep the recovery unit's energy efficiency high, and regularly carry out cleaning and replacement maintenance. Read the instructions in the use and maintenance manual.

Warning

Always ensure a filter is used. To prevent reduced effectiveness of your energy recovery ventilation, be sure to clean dirt and dust from the filter and heat exchange element at regular intervals. See the operating instructions manual.