

Product information sheet for RVUs as per EU Regulation No. 1254/2014 Information requirements for RVUs as per EU Regulations No. 1253/2014 Heat recovery unit Zehnder ComfoAir Flex 250 HRV												
Supplier's name or trade mark	Zehnder Group			Zehnder Group			Zehnder Group			Zehnder Group		
Supplier's model identifier	ComfoAir Flex 250 HRV			ComfoAir Flex 250 HRV			ComfoAir Flex 250 HRV			ComfoAir Flex 250 HRV		
SEC [kWh/(m ² a)] specific energy consumption (cold, average, warm)	-79,4	-40,1	-14,9	-80,1	-40,6	-15,4	-81,8	-42,1	-16,8	-84,6	-44,5	-18,9
SEC Class	A+	A	E	A+	A	E	A+	A+	E	A+	A+	E
Type of ventilation unit	Bidirectional RVU			Bidirectional RVU			Bidirectional RVU			Bidirectional RVU		
Type of drive installed	Multi-speed drive			Multi-speed drive			Variable speed drive			Variable speed drive		
Type of heat recovery system	Recuperative			Recuperative			Recuperative			Recuperative		
Thermal efficiency [%]	93			93			93			93		
Maximum flow rate [m ³ /h]	250			250			250			250		
Electric power input [W]	77			77			77			77		
Sound power level [dB(A)]	45			45			45			45		
Reference flow rate [m ³ /s]	0,049			0,049			0,049			0,049		
Reference pressure difference [Pa]	50			50			50			50		
SPI [W/(m ³ /h)]	0,20			0,20			0,20			0,20		
Control factor and typology	1 Manual control			0,95 Clock-controlled			0,85 Central demand control			0,65 Local demand control		
Declared maximum internal and external leakage rates [%]	Internal: 1,0			Internal: 1,0			Internal: 1,0			Internal: 1,0		
	External: 2,0			External: 2,0			External: 2,0			External: 2,0		
Mixing rate	-			-			-			-		
Position and description of visual filter warning	Warning on the display of the unit or room controller			Warning on the display of the unit or room controller			Warning on the display of the unit or room controller			Warning on the display of the unit or room controller		
Internet address for assembly and disassembly instructions	www.international.zehnder-systems.com			www.international.zehnder-systems.com			www.international.zehnder-systems.com			www.international.zehnder-systems.com		
Airflow sensitivity to pressure variations [%]	-			-			-			-		
Indoor/outdoor air tightness [m ³ /h]	-			-			-			-		
AEC [kWh/a] annual electricity consumption (cold, average, warm)	833	296	251	814	277	232	763	226	181	688	151	106
AHS [kWh/a] annual heating energy saved (cold, average, warm)	9150	4677	2115	9172	4689	2120	9216	4711	2130	9303	4756	2150