

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 300 Standard												
Supplier's name or trade mark	Zehnder Group			Zehnder Group			Zehnder Group			Zehnder Group		
Supplier's model identifier	ComfoAir 300 Standard			ComfoAir 300 Standard			ComfoAir 300 Standard			ComfoAir 300 Standard		
SEC [kWh/(m ² a)] specific energy consumption (cold, average, warm)	-75,7	-38,2	-14,0	-76,6	-38,8	-14,6	-78,6	-40,5	-16,0	-82,1	-43,2	-18,3
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 [%]	87			87			87			87		
Maximum flow rate [m ³ /h]	300			300			300			300		
Electric power input [W]	153			153			153			153		
Sound power level [dB(A)]	45			45			45			45		
Reference flow rate [m ³ /s]	0,058			0,058			0,058			0,058		
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: 1,4			External: 1,4			External: 1,4			External: 1,4		
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)	8776	4486	2029	8817	4507	2038	8898	4548	2057	9060	4631	2094