

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 350 HRV												
Supplier's name or trade mark	Zehnder Group			Zehnder Group			Zehnder Group			Zehnder Group		
Supplier's model identifier	ComfoAir Flex 350 HRV			ComfoAir Flex 350 HRV			ComfoAir Flex 350 HRV			ComfoAir Flex 350 HRV		
SEC [kWh/(m ² a)] specific energy consumption (cold, average, warm)	-76,9	-38,5	-13,8	-77,7	-39,1	-14,4	-79,8	-40,9	-16,0	-83,1	-43,6	-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 [%]	90			90			90			90		
Maximum flow rate [m ³ /h]	350			350			350			350		
Electric power input [W]	138			138			138			138		
Sound power level [dB(A)]	48			48			48			48		
Reference flow rate [m ³ /s]	0,068			0,068			0,068			0,068		
Reference pressure difference [Pa]	50			50			50			50		
SPI [W/(m ³ /h)]	0,22			0,22			0,22			0,22		
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: 0,5			Internal: 0,5			Internal: 0,5			Internal: 0,5		
	External: 1,5			External: 1,5			External: 1,5			External: 1,5		
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.zehnder.co.uk			www.zehnder.co.uk			www.zehnder.co.uk			www.zehnder.co.uk		
Airflow sensitivity to pressure variations [%]	-			-			-			-		
Indoor/outdoor air tightness [m ³ /h]	-			-			-			-		
AEC [kWh/a] annual electricity consumption (cold, average, warm)	858	321	276	837	300	255	781	244	199	698	161	116
AHS [kWh/a] annual heating energy saved (cold, average, warm)	8963	4582	2072	8995	4598	2079	9057	4630	2093	9182	4693	2122