

Information requirement for RVUs as per EU Regulation No. 1254/2014 Heat recovery unit Zehnder ComfoD 350 ERV												
Supplier's name or trade mark	Zehnder Group			Zehnder Group			Zehnder Group			Zehnder Group		
Supplier's model identifier	ComfoD 350 ERV			ComfoD 350 ERV			ComfoD 350 ERV			ComfoD 350 ERV		
SEC [kWh/(m²a)] specific energy consumption (cold, average, warm)	-69,4	-34,0	-11,1	-70,7	-35,0	-11,9	-73,6	-37,3	-13,8	-78,5	-41,0	-16,8
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 [%]	80			80			80			80		
Maximum flow rate [m³/h]	400			400			400			400		
Electric power input [W]	245			245			245			245		
Sound power level [dB(A)]	55			55			55			55		
Reference flow rate [m³/h]	0			0			0			0		
Reference pressure difference [Pa]	50			50			50			50		
SPI [W/(m³/h)]	0,26			0,26			0,26			0,26		
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: 1,5			Internal: 1,5			Internal: 1,5			Internal: 1,5		
	External: 1,7			External: 1,7			External: 1,7			External: 1,7		
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 [m³/h]	-			-			-			-		
AEC [kWh/a] annual electricity consumption (cold, average, warm)	908	371	326	884	347	302	817	280	235	720	183	138
AHS [kWh/a] annual heating energy saved (cold, average, warm)	8340	4263	1928	8403	4295	1942	8527	4359	1971	8776	4486	2029