

Information requirement for RVUs as per EU Regulation No. 1254/2014 Heat recovery unit Zehnder ComfoAir Q350												
Supplier's name or trade mark	Zehnder Group			Zehnder Group			Zehnder Group			Zehnder Group		
Supplier's model identifier	ComfoAir Q350			ComfoAir Q350			ComfoAir Q350			ComfoAir Q350		
SEC [kWh/(m ² a)] specific energy consumption (cold, average, warm)	-81,0	-41,3	-16,0	-81,6	-41,8	-16,4	-83,0	-43,1	-17,6	-85,4	-45,1	-19,3
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 [%]	94			94			94			94		
Maximum flow rate [m ³ /h]	350			350			350			350		
Electric power input [W]	175			175			175			175		
Sound power level [dB(A)]	40			40			40			40		
Reference flow rate [m ³ /h]	245			245			245			245		
Reference pressure difference [Pa]	50			50			50			50		
SPI [W/(m ³ /h)]	0,17			0,17			0,17			0,17		
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: 0,8			Internal: 0,8			Internal: 0,8			Internal: 0,8		
	External: 1,2			External: 1,2			External: 1,2			External: 1,2		
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)	795	258	213	779	242	197	736	199	154	672	135	90
AHS [kWh/a] annual heating energy saved (cold, average, warm)	9213	4709	2130	9231	4719	2134	9269	4738	2143	9344	4776	2160