

Information requirement for RVUs as per EU Regulation No. 1254/2014 Heat recovery unit Zehnder ComfoAir Q350 ERV												
Supplier's name or trade mark	Zehnder Group			Zehnder Group			Zehnder Group			Zehnder Group		
Supplier's model identifier	ComfoAir Q350 ERV			ComfoAir Q350 ERV			ComfoAir Q350 ERV			ComfoAir Q350 ERV		
SEC [kWh/(m <sup>2</sup> a)] specific energy consumption (cold, average, warm)	-76,0	-39,1	-15,3	-76,8	-39,7	-15,8	-78,7	-41,1	-16,9	-82,0	-43,5	-18,8
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 [%]	85			85			85			85		
Maximum flow rate [m <sup>3</sup> /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 <sup>3</sup> /h]	245			245			245			245		
Reference pressure difference [Pa]	50			50			50			50		
SPI [W/(m <sup>3</sup> /h)]	0,15			0,15			0,15			0,15		
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: 1,8			Internal: 1,8			Internal: 1,8			Internal: 1,8		
	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 <sup>3</sup> /h]	-			-			-			-		
AEC [kWh/a] annual electricity consumption (cold, average, warm)	770	233	188	756	219	174	718	181	136	661	124	79
AHS [kWh/a] annual heating energy saved (cold, average, warm)	8652	4423	2000	8699	4447	2011	8792	4494	2032	8979	4590	2076