

Information requirement for RVUs as per EU Regulation No. 1254/2014 Heat recovery unit Zehnder ComfoAir 180 Luxe												
Supplier's name or trade mark	Zehnder Group			Zehnder Group			Zehnder Group			Zehnder Group		
Supplier's model identifier	ComfoAir 180 Luxe			ComfoAir 180 Luxe			ComfoAir 180 Luxe			ComfoAir 180 Luxe		
SEC [kWh/(m ² a)] specific energy consumption (cold, average, warm)	-72,9	-35,9	-12,2	-73,9	-36,8	-12,9	-76,4	-38,8	-14,7	-80,7	-42,1	-17,4
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 ³ /h]	217			217			217			217		
Electric power input [W]	85			85			85			85		
Sound power level [dB(A)]	38			38			38			38		
Reference flow rate [m ³ /h]	152			152			152			152		
Reference pressure difference [Pa]	50			50			50			50		
SPI [W/(m ³ /h)]	0,25			0,25			0,25			0,25		
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: 0,6			Internal: 0,6			Internal: 0,6			Internal: 0,6		
	External: 1,1			External: 1,1			External: 1,1			External: 1,1		
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)	895	358	313	872	335	290	808	271	226	714	177	132
AHS [kWh/a] annual heating energy saved (cold, average, warm)	8652	4423	2000	8699	4447	2011	8792	4494	2032	8979	4590	2076