

Information requirement for RVUs as per EU Regulation No. 1254/2014 Heat recovery unit Zehnder ComfoAir Q600												
Supplier's name or trade mark	Zehnder Group			Zehnder Group			Zehnder Group			Zehnder Group		
Supplier's model identifier	ComfoAir Q600			ComfoAir Q600			ComfoAir Q600			ComfoAir Q600		
SEC [kWh/(m ² a)] specific energy consumption (cold, average, warm)	-75,7	-37,2	-12,6	-76,6	-38,0	-13,3	-78,9	-40,0	-15,1	-82,6	-43,0	-17,8
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 [%]	90			90			90			90		
Maximum flow rate [m ³ /h]	600			600			600			600		
Electric power input [W]	345			345			345			345		
Sound power level [dB(A)]	51			51			51			51		
Reference flow rate [m ³ /h]	420			420			420			420		
Reference pressure difference [Pa]	50			50			50			50		
SPI [W/(m ³ /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: 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)	908	371	326	884	347	302	817	280	235	720	183	138
AHS [kWh/a] annual heating energy saved (cold, average, warm)	8963	4582	2072	8995	4598	2079	9057	4630	2094	9182	4693	2122