

Information requirement for RVUs as per EU Regulation No. 1254/2014 Heat recovery unit Zehnder ComfoAir 160												
Supplier's name or trade mark	Zehnder Group			Zehnder Group			Zehnder Group			Zehnder Group		
Supplier's model identifier	ComfoAir 160			ComfoAir 160			ComfoAir 160			ComfoAir 160		
SEC [kWh/(m <sup>2</sup> a)] specific energy consumption (cold, average, warm)	-75,0	-36,3	-11,5	-76,0	-37,1	-12,2	-78,5	-39,3	-14,3	-82,4	-42,7	-17,3
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 [%]	91			91			91			91		
Maximum flow rate [m <sup>3</sup> /h]	165			165			165			165		
Electric power input [W]	85			85			85			85		
Sound power level [dB(A)]	41			41			41			41		
Reference flow rate [m <sup>3</sup> /h]	116			116			116			116		
Reference pressure difference [Pa]	50			50			50			50		
SPI [W/(m <sup>3</sup> /h)]	0,30			0,30			0,30			0,30		
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: 1,2			Internal: 1,2			Internal: 1,2			Internal: 1,2		
	External: 1,6			External: 1,6			External: 1,6			External: 1,6		
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.nl			www.zehnder.nl			www.zehnder.nl			www.zehnder.nl		
Airflow sensitivity to pressure variations [%]	-			-			-			-		
Indoor/outdoor air tightness [m <sup>3</sup> /h]	-			-			-			-		
AEC [kWh/a] annual electricity consumption (cold, average, warm)	958	421	376	930	393	348	854	317	272	741	204	159
AHS [kWh/a] annual heating energy saved (cold, average, warm)	9026	4614	2086	9054	4628	2093	9110	4657	2106	9222	4714	2132