

Information requirement for RVUs as per EU Regulation No. 1254/2014 Heat Recovery Unit Zehnder ComfoAir 155 WMe

Supplier's Name or Trade Mark	Zehnder Group			Zehnder Group			Zehnder Group			Zehnder Group		
Supplier's Model Identifier	CA155WMe-GB			CA155WMe-GB			CA155WMe-GB			CA155WMe-GB		
SEC in [kWh/(m ² a)] Specific Energy Consumption (Cold, Average, Warm)	-76.6	-40.0	-16.4	-77.5	-40.6	-16.9	-79.1	-41.7	-17.7	-82.1	-43.8	-19.2
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	Variable Speed			Variable Speed			Variable Speed			Variable Speed		
Type of Heat Recovery System	Recuperative			Recuperative			Recuperative			Recuperative		
Thermal Efficiency [%]	84			84			84			84		
Maximum Flow Rate in [m ³ /h] / [l/s]	307 / 85			307 / 85			307 / 85			307 / 85		
Electric Power Input [W]	157			157			157			157		
Sound Power Level [dB(A)]	51			51			51			51		
Reference Flow Rate in [m ³ /h] / [l/s]	215 / 60			215 / 60			215 / 60			215 / 60		
Reference Pressure Difference [Pa]	50			50			50			50		
SPI [W/(m ³ /h)]	0.27			0.27			0.27			0.27		
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% External: 1.0%			Internal: 0.8% External: 1.0%			Internal: 0.8% External: 1.0%			Internal: 0.8% External: 1.0%		
Mixing Rate	-			-			-			-		
Position and Description of Visual Filter Warning	Details within Homeowner Guide			Details within Homeowner Guide			Details within Homeowner Guide			Details within Homeowner Guide		
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)	926	389	344	892	355	310	830	293	248	727	190	145
AHS (kWh/a) Annual Heating Energy Saved (Cold, Average, Warm)	8590	4391	1985	8639	4416	1997	8739	4467	2020	8938	4569	2066