

## Declaration of Performance

### Heat Recovery Unit Zehnder ComfoAir 185 WM

<b>Supplier's Name or Trade Mark</b>	Zehnder Group			Zehnder Group			Zehnder Group			Zehnder Group		
<b>Supplier Model Identifier</b>	CA185WM-GB			CA185WM-GB			CA185WM-GB			CA185WM-GB		
<b>Control Typology</b>	Manual Control (via manual switch)			Clock Control (via 7 day timer control)			Central Demand Control (with 1 sensor)			Local Demand Control (with 2 or more sensors)		
<b>SEC in [kWh/(m<sup>2</sup>a)] for Each Climate (Cold, Average, Warm)</b>	-80.7	-42.0	-17.1	-81.4	-42.5	-17.6	-82.6	-43.4	-18.4	-84.8	-45.1	-19.7
<b>SEC Class (Cold, Average, Warm)</b>	A+	A	E	A+	A	E	A+	A	E	A+	A+	E
<b>Type of Ventilation Unit</b>	Bidirectional RVU			Bidirectional RVU			Bidirectional RVU			Bidirectional RVU		
<b>Type of Drive Installed</b>	Variable Speed			Variable Speed			Variable Speed			Variable Speed		
<b>Type of Heat Recovery System</b>	Recuperative			Recuperative			Recuperative			Recuperative		
<b>Thermal Efficiency</b>	91%			91%			91%			91%		
<b>Maximum Flow Rate in [m<sup>3</sup>/h] / [l/s]</b>	288 / 80			288 / 80			288 / 80			288 / 80		
<b>Electric Power Input [W]</b>	150			150			150			150		
<b>Sound Power Level [dB(A)]</b>	55			55			55			55		
<b>Reference Flow Rate in [m<sup>3</sup>/h] / [l/s]</b>	202 / 56			202 / 56			202 / 56			202 / 56		
<b>Reference Pressure Difference</b>	50			50			50			50		
<b>SPI [W/(m<sup>3</sup>/h)]</b>	0.30			0.30			0.30			0.30		
<b>Control Factor and Typology</b>	1			0.95			0.85			0.65		
<b>Declared Maximum Internal and External Leakage [%]</b>	Internal: 2.4% External: 2.3%			Internal: 2.4% External: 2.3%			Internal: 2.4% External: 2.3%			Internal: 2.4% External: 2.3%		
<b>Mixing Rate</b>	-			-			-			-		
<b>Position and Description of Visual Filter Warning</b>	Details within Homeowner Guide			Details within Homeowner Guide			Details within Homeowner Guide			Details within Homeowner Guide		
<b>Internet Address for Preassembly / Disassembly Instructions</b>	www.zehnder.co.uk			www.zehnder.co.uk			www.zehnder.co.uk			www.zehnder.co.uk		
<b>Airflow Sensitivity to Pressure Variations [%]</b>	-			-			-			-		
<b>Indoor / Outdoor Air Tightness [m<sup>3</sup>/h]</b>	-			-			-			-		
<b>AEC (kWh electricity/a) for Each Climate (Cold, Average, Warm)</b>	9.5	4.2	3.7	9.2	3.8	3.4	8.5	3.1	2.7	7.4	2.0	1.6
<b>AHS (in kWh primary energy/a) for Each Climate (Cold, Average, Warm)</b>	90.3	46.1	20.9	90.5	46.3	20.9	91.1	46.6	21.1	92.2	47.1	21.3