

Product fiche for RVU per EU Regulation No. 1254/2014 Contains information requirement for RVUs as per EU Regulation No. 1253/2014 Heat recovery unit Zehnder ComfoAir 70												
Supplier's name or trademark	Zehnder Group			Zehnder Group								
Supplier's model identifier	ComfoAir 70 (with 1 side room connection)			ComfoAir 70 Sensorik (with 1 side room connection)			ComfoAir 70 (with 2 side room connection)			ComfoAir 70 Sensorik (with 2 side room connection)		
Specific Energy Consumption (SEC) [kWh/(m²a)] (cold / average / warm)	-68,5	-34,3	-12,1	-77,5	-40,8	-17,1	-68,5	-34,3	-12,1	-77,5	-40,8	-17,1
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			Variable speed			Multi-speed			Variable speed		
Type of heat recovery system	Recuperative			Recuperative			Recuperative			Recuperative		
Thermal efficiency [%]	76			76			76			76		
Maximum flow rate [m³/h]	50			50			50			50		
Electric power input [W]	17			17			17			17		
Sound power level [dB(A)]	42			42			34			34		
Reference flow rate [m³/s]	0,009			0,009			0,009			0,009		
Reference pressure difference [Pa]	50			50			50			50		
SPI [W/(m³/h)]	0,21			0,21			0,21			0,21		
Control factor and typology	1 Manual control			0,65 Local demand control			1 Manual control			0,65 Local demand control		
Declared maximum internal and external leakage rates [%]	Internal: 0,1			Internal: 0,1			Internal: 0,1			Internal: 0,1		
	External: 0,9			External 0,9			External: 0,9			External 0,9		
Mixing rate	-			-			-			-		
Position and description of visual filter warning	Symbolized message on control panel			Symbolized message on control panel			Symbolized message on control panel			Symbolized message on control panel		
Internet address for assembly and disassembly instructions	www.international.zehnder-systems.com			www.international.zehnder-systems.com			www.international.zehnder-systems.com			www.international.zehnder-systems.com		
Airflow sensitivity to pressure variations [%]	-			-			-			-		
Indoor/outdoor air tightness [m³/h]	-			-			-			-		
Annual Electricity Consumption (AEC) [kWh/(100m²a)] (cold / average / warm)	845	308	263	693	156	111	845	308	263	693	156	111
Annual Heating Saved (AHS) [kWh/(100m²a)] (cold / average / warm)	8091	4136	1870	8614	4404	1991	8091	4136	1870	8614	4404	1991