

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 (Standard)			ComfoAir 70 Sensorik (Standard)								
Specific Energy Consumption (SEC) [kWh/(m²a)] (cold / average / warm)	-66,4	-32,9	-11,1	-76,3	-40,0	-16,6						
SEC Class	A+	B	E	A+	A	E						
Type of ventilation unit	Bidirectional RVU			Bidirectional RVU								
Type of drive installed	Multi-speed			Variable speed								
Type of heat recovery system	Recuperative			Recuperative								
Thermal efficiency [%]	76			76								
Maximum flow rate [m³/h]	60			60								
Electric power input [W]	17			17								
Sound power level [dB(A)]	47			47								
Reference flow rate [m³/s]	0,011			0,011								
Reference pressure difference [Pa]	0			0								
SPI [W/(m³/h)]	0,21			0,21								
Control factor and typology	1 Manual control			0,65 Local demand control								
Declared maximum internal and external leakage rates [%]	Internal: 0,1			Internal: 0,1								
	External: 0,9			External 0,9								
Mixing rate	U1			U1								
Position and description of visual filter warning	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								
Airflow sensitivity to pressure variations [%]	< 10			< 10								
Indoor/outdoor air tightness [m³/h]	inside to the outside: 5,2 outside to the inside: 6,9			inside to the outside: 5,2 outside to the inside: 6,9								
Annual Electricity Consumption (AEC) [kWh/(100m²a)] (cold / average / warm)	871	334	289	704	167	122						
Annual Heating Saved (AHS) [kWh/(100m²a)] (cold / average / warm)	7941	4060	1836	8517	4354	1969						