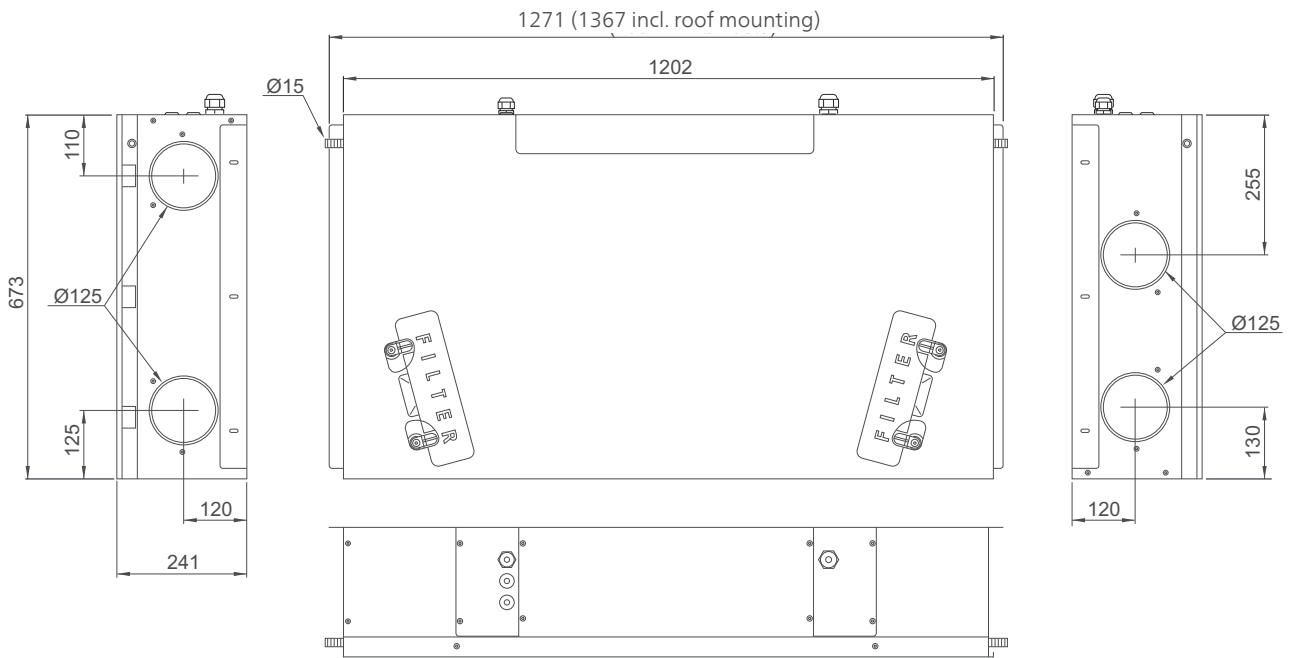


# 11 Technical data

## Dimensions



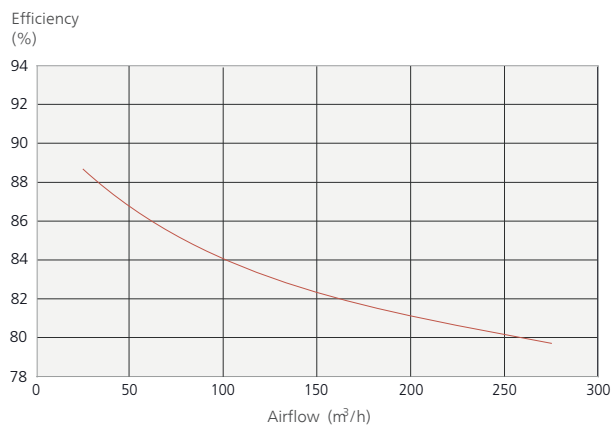
## Technical specifications

		ERS 20
<b>Electrical data</b>		
Supply voltage		230 V ~ 50 Hz
Fuse	A	10
Driving power fan	W	100 x 2
Enclosure class		IP21
<b>Connections</b>		
Ventilation connection	mm	Ø125
Connection, condensation water drain	mm	Ø15
<b>Noise level</b>		
Sound power level $L_w$ at 1 m <sup>1</sup>	dB(A)	47.4
Sound power level $L_w$ at 1 m <sup>2</sup>	dB(A)	50
<b>Dimensions and weight</b>		
Length, supply cable	m	2.4
Length, control cable	m	2.0
Height	mm	241
Width	mm	1,202
Depth	mm	673
Weight	kg	25
Part no.		066 068

1105 m<sup>3</sup>/h at 50 Pa

2250 m<sup>3</sup>/h at 140 Pa

### Temperature efficiency



## Energy labelling

Supplier		NIBE
Model		ERS 20-250
Specific energy consumption (SEC)	kWh/(m <sup>2</sup> year)	Average: -34.9 Cold: -71.3 Warm: -11.5
Energy efficiency class		<b>A</b>
Declared typology		RVU, Bidirectional
Type of drive		Variable speed drive
Type of heat recovery system		Recuperative
Thermal efficiency of heat recovery		82
Maximum air flow rate	m <sup>3</sup> /h	258
Electric power input of the fan drive at maximum flow rate	W	116
Sound power level (LWA)	dB	46
Reference flow rate	m <sup>3</sup> /s	0.05
Reference pressure difference	Pa	50
Specific power input (SPI)	W/m <sup>3</sup> /h	0.288
Control factor and control typology		Clock control (0.95)
External leakage rates	%	Internal: 2.5 External: 1.6
Information about filter warning		See user manual.
Information about supply/exhaust grilles in the facade		See section General ventilation connections on page 11.
Information about pre-/disassembly		See section Recovery on page 4. This installer manual can also be accessed at <a href="http://www.nibe.eu">www.nibe.eu</a> .
The annual electricity consumption	kWh/year	370
Annual heating saved, kWh primary energy per year	kWh prim/year	Average: 4,356 Cold: 8,521 Warm: 1,970