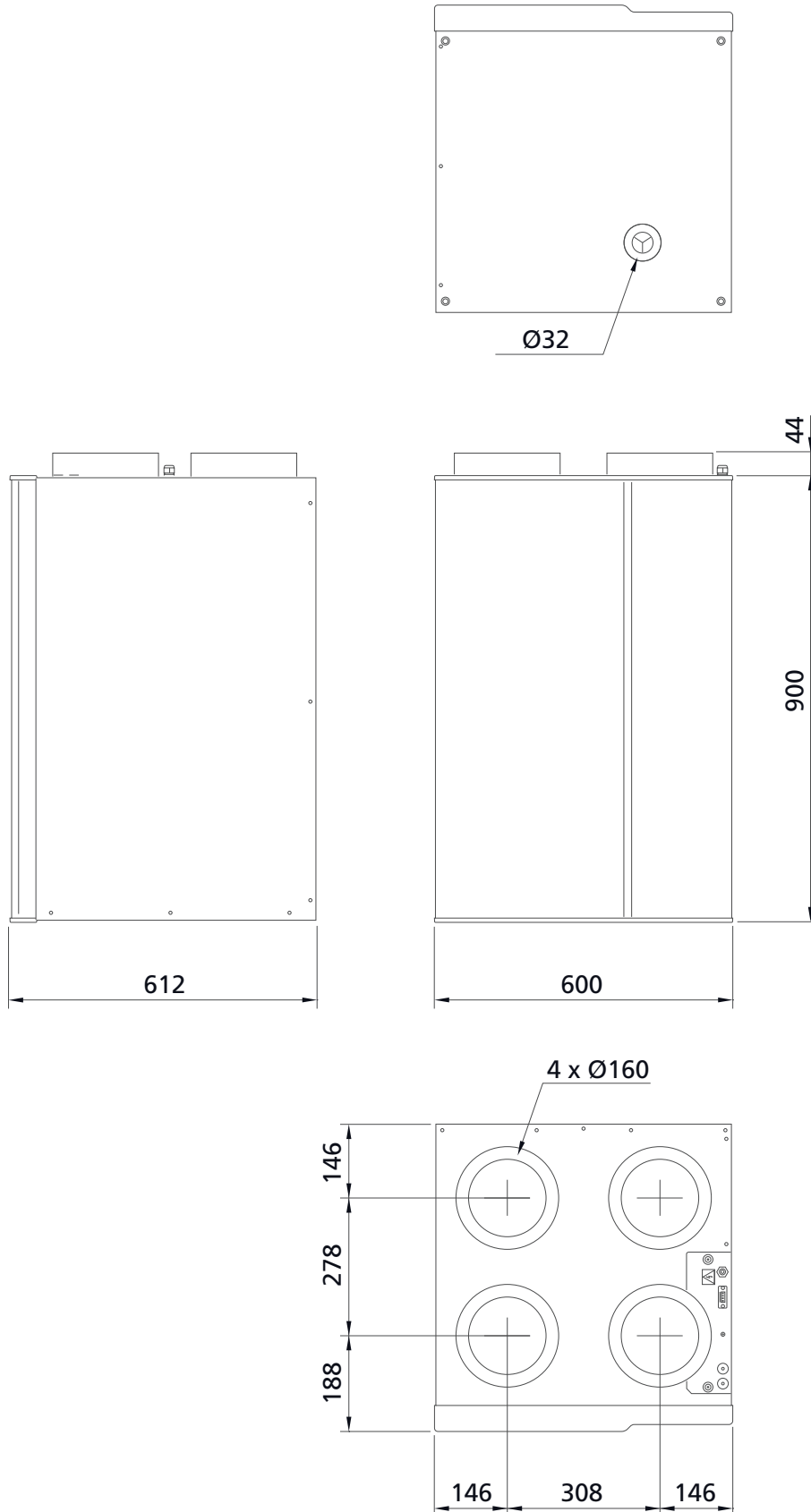


11 Technical data

Dimensions



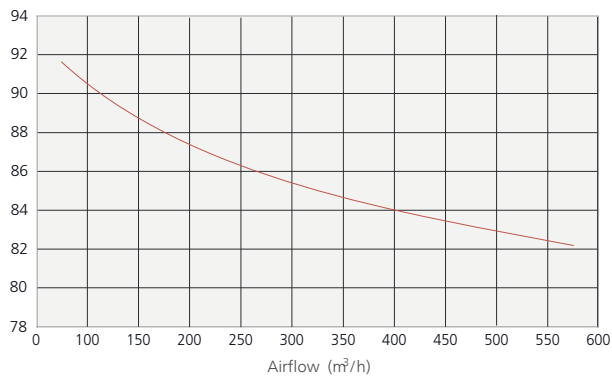
Technical specifications

		ERS 10
Electrical data		
Supply voltage		230 V ~ 50 Hz
Fuse	A	10
Driving power fan	W	170 x 2
Enclosure class		IP21
Connections		
Ventilation connection	mm	Ø160
Connection, condensation water drain	mm	Ø32
Noise level		
Sound power level ($L_{W(A)}$)	dB(A)	48
Dimensions and weight		
Length, supply cable	m	2.4
Length, control cable	m	2.0
Height	mm	900
Width	mm	600
Depth	mm	612
Weight	kg	40
Part no.		066 079

1 287 m³/h at 50 Pa

Temperature efficiency

Efficiency (%)



Energy labelling

Supplier		NIBE
Model		ERS 10-500
Specific energy consumption (SEC)	kWh/(m ² year)	Average: -34.03 Cold: -71.47 Warm: -9.95
Energy efficiency class		A
Declared typology		RVU, Bidirectional
Type of drive		Variable speed drive
Type of heat recovery system		Recuperative
Thermal efficiency of heat recovery		86
Maximum air flow rate	m ³ /h	410
Electric power input of the fan drive at maximum flow rate	W	255
Sound power level (LWA)	dB	48
Reference flow rate	m ³ /s	0.0797
Reference pressure difference	Pa	50
Specific power input (SPI)	W/m ³ /h	0.36
Control factor and control typology		Clock control (0.95)
External leakage rates	%	Internrt: 2.2 Externt: 1.3
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 www.nibe.eu .
The annual electricity consumption	kWh/year	456
Annual heating saved, kWh primary energy per year	kWh prim/year	Average: 4,477 Cold: 8,758 Warm: 2,024