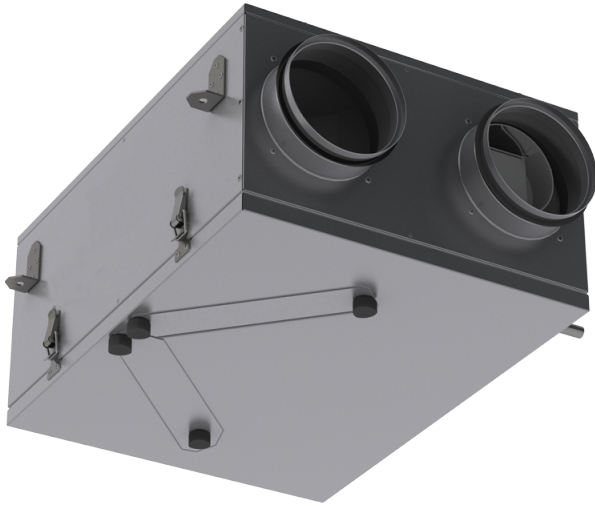


VUT 100 P mini



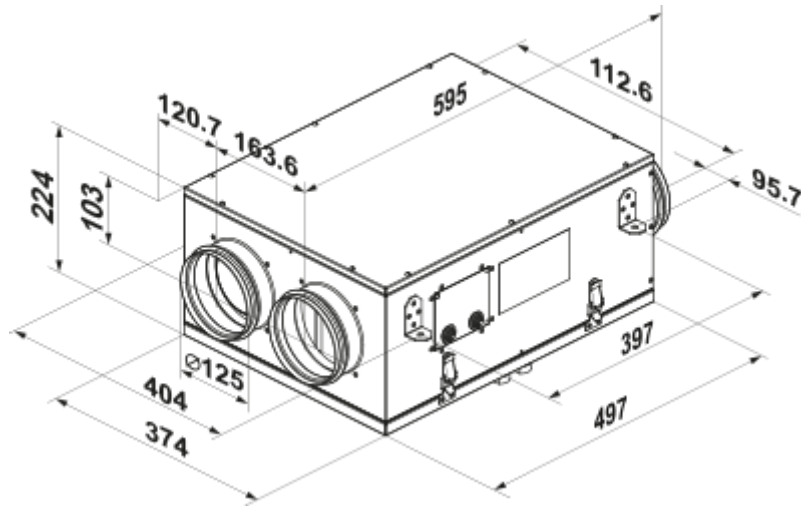
Air handling units with heat recovery in the compact sound- and heat-insulated casing equipped with a cross-flow polystyrene heat exchanger

- Maximum airflow: 100
- Sound pressure level LpA at 3 m: 41
- Heat exchanger type: Cross flow
- Extract filter: G4
- Supply filter: G4
- Sound insulation
- Motor type: AC
- Control: Remote Control
- Casing material: Galvanized steel

	Unit of measurement	VUT 100 P mini		
Connected air duct size	mm	125		
Speed	-	3		
Minimum supply voltage	V	230		
Maximum supply voltage	V	230		
Power supply frequency	Hz	50		
Rated power	W	56		
Unit current	A	0.34		
Maximum airflow	m ³ /h	55	74	100
Sound pressure level LpA at 3 m	dB(A)	24	32	41
Heat recovery efficiency, max	%	76		
Heat exchanger type	-	Cross flow		
Heat exchanger material	-	Polystyrene		
Weight	kg	13		
Extract filter	-	G4		
Supply filter	-	G4		
Transported air temperature (max)	°C	40		
Transported air temperature (min)	°C	-25		
Ambient air temperature min	°C	1		
Ambient air temperature max	°C	40		
Ambient air humidity max	%	60		
Ingress protection rating	-	IP22		







Ingress protection rating of the drive	-	IP44
ErP compliance	-	2016, 2018
Cold - Specific energy consumption (SEC)	kWh/(m ² /a)	54.1
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m ² /a)	22.3
SEC Class Average	-	D
Warm - Specific energy consumption (SEC)	kWh/(m ² /a)	1.5
SEC Class Warm	-	F
Unit category	-	RVU
Type of ventilation unit	-	Bidirectional
Type of drive installed	-	Multi-speed
Type of heat recovery system	-	Recuperative
Thermal efficiency of heat recovery	%	68
Maximum flow rate	m ³ /h	106
Electric power input	W	56
Reference flow rate	m ³ /s	0.021
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /h)	0.512
Control typology	-	Manual control
Maximum internal leakage rates	%	2.7
Maximum external leakage rates	%	2.7
Cold - The annual electricity consumption (AEC)	kWh/a	1224
Average - The annual electricity consumption (AEC)	kWh/a	687
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	642
Cold - The annual heating saved (AHS)	kWh/a	7592
The annual heating saved (AHS) Average	kWh/a	3881
The annual heating saved (AHS) Warm	kWh/a	1755
Sound power level	dB(A)	61
Declared typology	-	RVU BVU

Dimensions





Accessories

For round ducts

Name	Photo	Description
SR 125/600		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 125/900		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 125/1200		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SRF 125/600		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SRF 125/900		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SRF 125/2000		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems

For round ducts

Name	Photo	Description
KOM 125		Spring-loaded backdraft damper for round ducts
KR 125		Air damper for air flow control in round air ducts

Other accessories

Name	Photo	Description
SF 200x190x18 G4		Panel filter G4