

VUT 250 H mini A1



Air handling units in compact sound- and heat-insulated casing

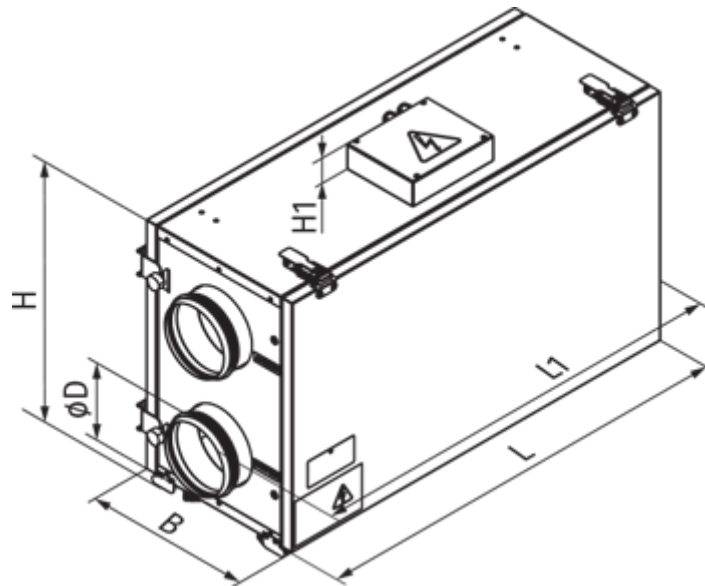
- Maximum airflow: 260
- Sound pressure level LpA at 3 m: 47
- Heat exchanger type: Cross flow
- Extract filter: G4
- Supply filter: G4 (F8 PM2.5 81 %- option)
- Sound insulation
- Motor type: AC
- Control: Remote Control
- Casing material: Galvanized steel

	Unit of measurement	VUT 250 H mini A1
Connected air duct size	mm	125
Speed	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	126
Unit current	A	0.6
Maximum airflow	m ³ /h	260
Sound pressure level LpA at 3 m	dB(A)	47
Heat recovery efficiency, max	%	78
Heat exchanger type	-	Cross flow
Heat exchanger material	-	Polystyrene
Weight	kg	26
Extract filter	-	G4
Supply filter	-	G4 (F8 PM2.5 81 %- option)
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	%	80
Ingress protection rating	-	IP22

Ingress protection rating of the drive	-	IP44
ErP compliance	-	2016, 2018
Cold - Specific energy consumption (SEC)	kWh/(m ² /a)	53
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m ² /a)	22.7
SEC Class Average	-	D
Warm - Specific energy consumption (SEC)	kWh/(m ² /a)	2.6
SEC Class Warm	-	F
Unit category	-	RVU
Type of ventilation unit	-	Bidirectional
Type of drive installed	-	Variable speed
Type of heat recovery system	-	Recuperative
Thermal efficiency of heat recovery	%	57
Maximum flow rate	m ³ /h	240
Electric power input	W	170
Reference flow rate	m ³ /s	0.056
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /h)	0.63
Control typology	-	Central demand control
Maximum internal leakage rates	%	2.7
Maximum external leakage rates	%	2.7
Cold - The annual electricity consumption (AEC)	kWh/a	1152
Average - The annual electricity consumption (AEC)	kWh/a	615
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	570
Cold - The annual heating saved (AHS)	kWh/a	7309
The annual heating saved (AHS) Average	kWh/a	3736
The annual heating saved (AHS) Warm	kWh/a	1689
Sound power level	dB(A)	47
Declared typology	-	RVU BVU



Dimensions

ØD	B	H	H1	L	L1
125	300	443	43	713	810









Accessories

Other accessories



Name	Photo	Description
SF 240x184x40 G4		Panel filter G4
SF 240x184x40 F8		F8 panel filter

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