

# VUT 250 H mini A12



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

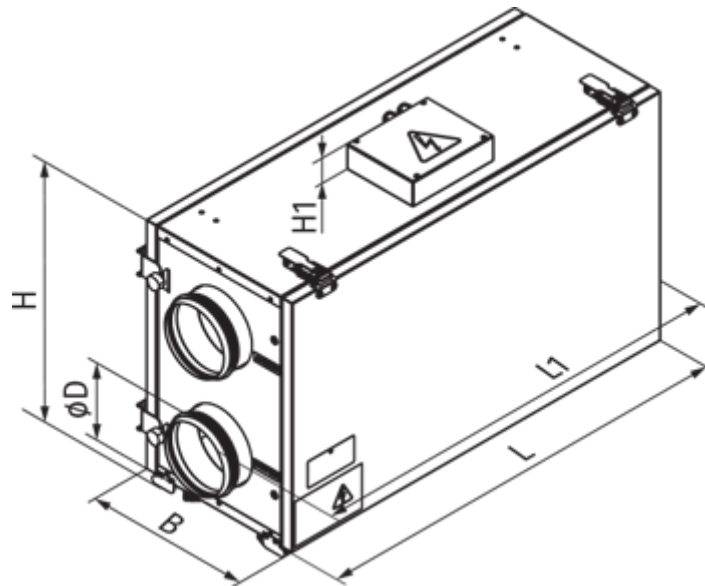
- Maximum airflow: 260
- Sound pressure level LpA at 3 m: 47
- Heat exchanger type: Cross flow
- Extract filter: G4
- Supply filter: G4 (F8 PM2.5 81 %- option)
- Sound insulation
- Motor type: AC
- Control: Remote Control
- Casing material: Galvanized steel

	Unit of measurement	VUT 250 H mini A12
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 <sup>3</sup> /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 <sup>2</sup> /a)	53
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m <sup>2</sup> /a)	22.7
SEC Class Average	-	D
Warm - Specific energy consumption (SEC)	kWh/(m <sup>2</sup> /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 <sup>3</sup> /h	240
Electric power input	W	170
Reference flow rate	m <sup>3</sup> /s	0.056
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m <sup>3</sup> /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

### For round ducts

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




### For round ducts

Name	Photo	Description
<a href="#">KOM 125</a>		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 240x184x40 G4		Panel filter G4
SF 240x184x40 F8		F8 panel filter
VL C4 200/240		Summer block