

VUT 800 WH-4



Air handling units in sound-proof and heat-insulated casing with water heater

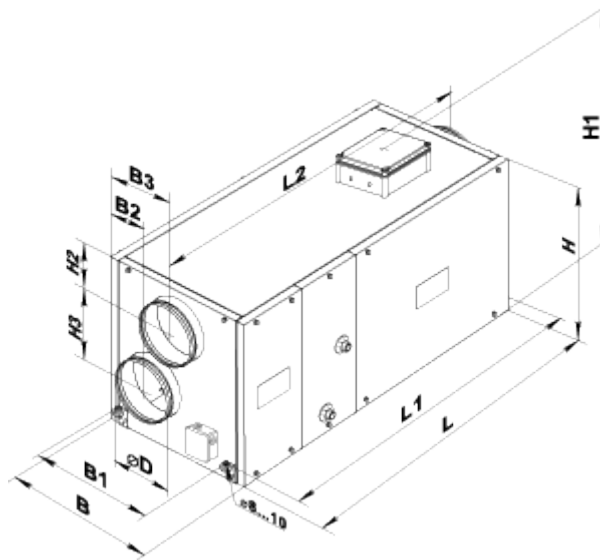
- Maximum airflow: 780
- Sound pressure level LpA at 3 m: 48
- Heat exchanger type: Cross flow
- Extract filter: G4
- Supply filter: G4
- Sound insulation
- Motor type: AC
- Reheater: Water
- Control: Remote Control
- Casing material: Galvanized steel

	Unit of measurement	VUT 800 WH-4
Connected air duct size	mm	249
Speed	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	490
Unit current	A	2.16
Maximum airflow	m ³ /h	780
Sound pressure level LpA at 3 m	dB(A)	48
Heat recovery efficiency, max	%	78
Heat exchanger type	-	Cross flow
Heat exchanger material	-	Polystyrene
Weight	kg	88
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	%	80
Ingress protection rating	-	IP22

Ingress protection rating of the drive	-	IP44
ErP compliance	-	2016
Cold - Specific energy consumption (SEC)	kWh/(m ² /a)	50.4
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m ² /a)	19.8
SEC Class Average	-	E
Warm - Specific energy consumption (SEC)	kWh/(m ² /a)	0.3
SEC Class Warm	-	G
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	%	64
Maximum flow rate	m ³ /h	680
Electric power input	W	490
Reference flow rate	m ³ /s	0.136
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /h)	0.551
Control typology	-	Manual control
Maximum internal leakage rates	%	2.7
Maximum external leakage rates	%	2.7
Cold - The annual electricity consumption (AEC)	kWh/a	1272
Average - The annual electricity consumption (AEC)	kWh/a	735
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	690
Cold - The annual heating saved (AHS)	kWh/a	7343
The annual heating saved (AHS) Average	kWh/a	3754
The annual heating saved (AHS) Warm	kWh/a	1697
Declared typology	-	RVU BVU
Sound power level	dB(A)	68







Dimensions

ØD	B	B1	B2	B3	H	H1	H2	H3	L	L1	L2
249	613	460	306	386	698	832	154	280	1071	1117	1171




Accessories

For round ducts

Name	Photo	Description
SR 250/600		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 250/900		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 250/1200		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SRF 250/600		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SRF 250/900		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SRF 250/2000		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 250		Spring-loaded backdraft damper for round ducts

[KR 250](#)


Air damper for air flow control in round air ducts

Other accessories

Name	Photo	Description
SF 550x253x48 G4		Panel filter G4
VL C4 300/300		Summer block