

VUT 1000 H



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

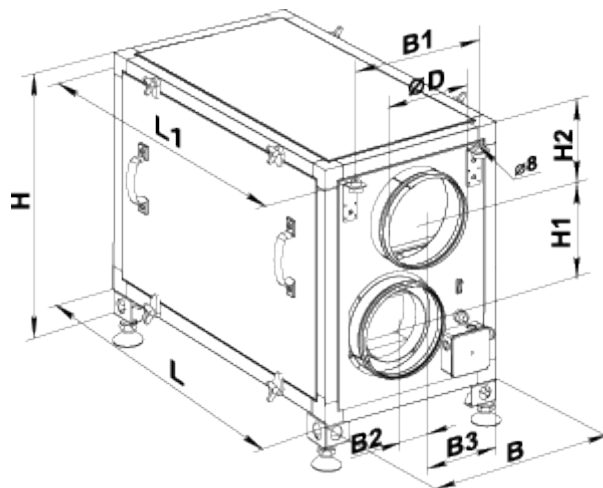
- Maximum airflow: 1200
- Sound pressure level LpA at 3 m: 60
- Heat exchanger type: Cross flow
- Extract filter: G4
- Supply filter: G4
- Sound insulation
- Motor type: AC
- Control: Remote Control
- Casing material: Galvanized steel

	Unit of measurement	VUT 1000 H
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	820
Unit current	A	3.6
Maximum airflow	m ³ /h	1200
Sound pressure level LpA at 3 m	dB(A)	60
Heat recovery efficiency, max	%	88
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	10
Ambient air temperature max	°C	50
Ambient air humidity max	%	80
Ingress protection rating	-	IP22

Ingress protection rating of the drive	-	IP44
ErP compliance	-	2016
Unit category	-	NRVU
Type of drive installed	-	Integrated MSD
Type of heat recovery system	-	Recuperative
Thermal efficiency of heat recovery	%	68
Nominal flow rate	m ³ /s	0.179
Nominal external pressure	Pa	375
Maximum internal leakage rates	%	2.7
Maximum external leakage rates	%	2.7
Static efficiency	%	22.3
Visual filter warning	-	See control panel catalogue data
Effective electric power input	kW	0.769
Face velocity at design flow rate	m/s	1.352
Sound power level	dB(A)	80
Declared typology	-	NRVU BVU
Energy performance of filters	-	B

Dimensions







ØD	B	B1	B2	B3	H	H1	H2	L	L1
248	548	496	60	213	794	290	200	802	850





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 450x295x48 G4		Panel filter G4
VL C4 300/450		Summer block