VUT 1000 EH

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

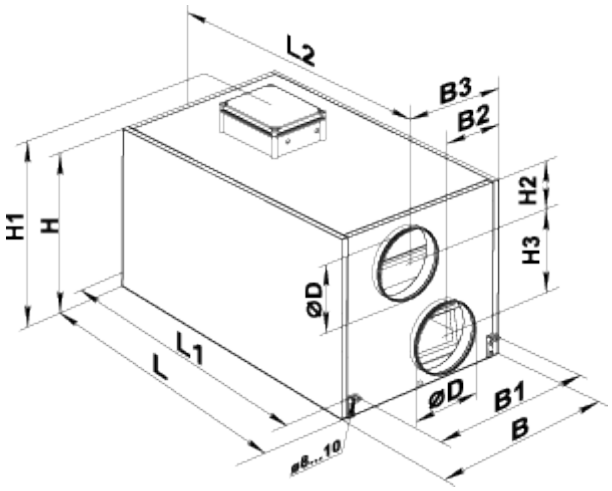
- Power of electrical reheater: 9000
- Maximum airflow: 1200
- Sound pressure level LpA at 3 m: 60
- Heat exchanger type: Cross flow
- Extract filter: G4
- Supply filter: G4
- Sound insulation
- Motor type: AC
- Reheater: Electric
- Control: Remote Control
- Casing material: Galvanized steel

	Unit of measurement	VUT 1000 EH
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
Power of electrical reheater	W	9000
Unit current	A	16.6
Maximum airflow	m^3/h	1200
Sound pressure level LpA at 3 m	dB(A)	60
Heat recovery efficiency, max	%	77
Heat exchanger type	-	Cross flow
Heat exchanger material	-	Polystyrene
Weight	kg	85
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
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	0.183
Nominal external pressure	Pa	370
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	1.314
Sound power level	dB(A)	80
Declared typology	-	NRVU BVU
Energy perfomance of filters	-	B

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