

VUT 2000 PE EC



Ceiling mounted air handling units in compact heat and sound-insulated casing with electric heater

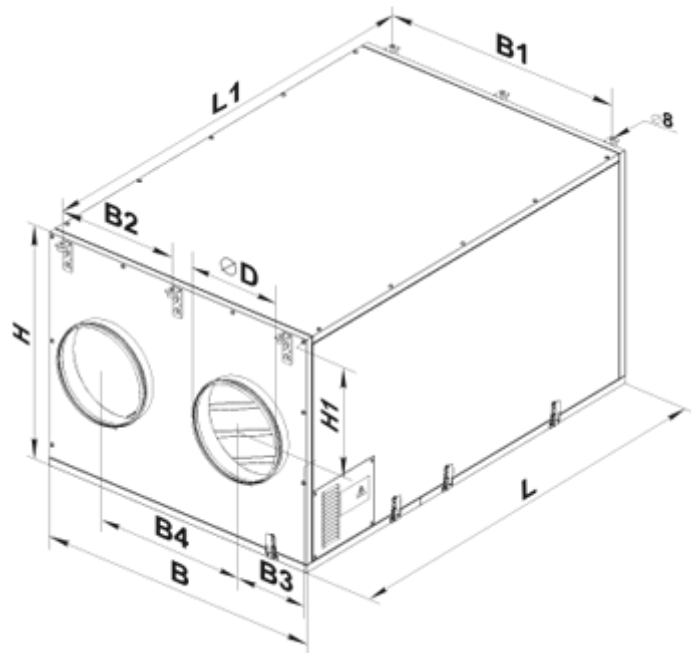
- Power of electrical reheater: 12000
- Maximum airflow: 2000
- Sound pressure level LpA at 3 m: 58
- Heat exchanger type: Cross flow
- Extract filter: G4
- Supply filter: G4
- Motor type: EC
- Reheater: Electric
- Casing material: Aluzinc

	Unit of measurement	VUT 2000 PE EC
Connected air duct size	mm	315
Speed	-	1
Phases	-	3
Minimum supply voltage	V	400
Maximum supply voltage	V	400
Power supply frequency	Hz	50/60
Rated power	W	840
Power of electrical preheater	W	0
Power of electrical reheater	W	12000
Unit current	A	22.4
Maximum airflow	m ³ /h	2000
Sound pressure level LpA at 3 m	dB(A)	58
Heat recovery efficiency, max	%	75
Heat exchanger type	-	Cross flow
Heat exchanger material	-	Aluminum
Weight	kg	190
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
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Dimensions

ØD	B	B2	B3	B4	H	H1	L	L1
314	950	405	225	500	761	367	1400	1453








Accessories

Other accessories



Name	Photo	Description
SF 708x480x48 G4		Panel filter G4

For round ducts



Name	Photo	Description
SR 315/600		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 315/900		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 315/1200		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems

SRF 315/600		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SRF 315/900		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 315		Spring-loaded backdraft damper for round ducts
KRV 315		Air damper for air flow cut-off in round air ducts

Electric actuators

Name	Photo	Description
Belimo LF230		The Belimo LF series actuators are designed for controlling air dampers with cross section up to 0.8 m ² performing protection functions
Belimo TF230		The actuators are designed for controlling air dampers with cross section up to 0.4 m ² performing protection functions

Fittings

Name	Photo	Description
C 315		The clamps are designed for quick and reliable mounting and connection of various round ventilation system components. Clamps are made of stainless and galvanized steel band

Ecodesign

Trademark	Vents
Model	VUT 2000 PE EC
Type of drive installed	Integrated VSD
Type of heat recovery system	Recuperative
Thermal efficiency of heat recovery (%)	67
Nominal flow rate (m ³ /s)	0.337
Nominal external pressure (Pa)	436
Maximum internal leakage rates (%)	2.7
Maximum external leakage rates (%)	2.7
Static efficiency (%)	54
Visual filter warning	See control panel catalogue data
Declared typology	NRVU BVU
Effective electric power input (kW)	0.935
Face velocity at design flow rate (m/s)	0.991
Energy performance of filters	B
Sound power level (dB(A))	78