

# VUT 1000 PE EC



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

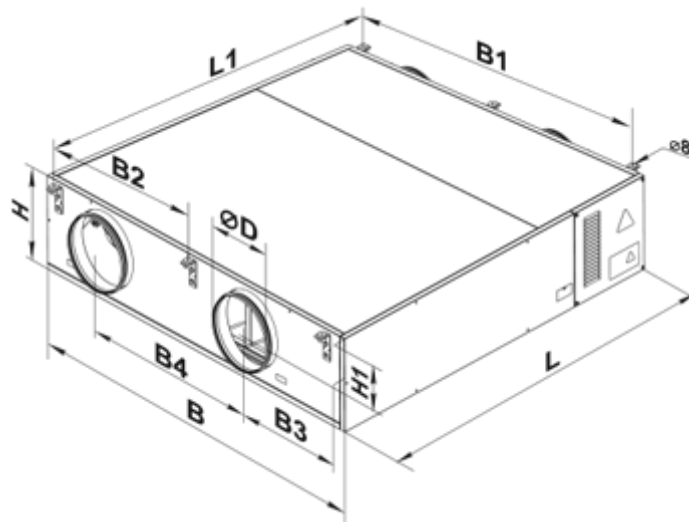
- Power of electrical reheater: 3300
- Maximum airflow: 1100
- Sound pressure level LpA at 3 m: 52
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4
- Motor type: EC
- Reheater: Electric
- Control: Remote Control
- Casing material: Aluzinc

	Unit of measurement	VUT 1000 PE EC
Connected air duct size	mm	250
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	400
Power of electrical preheater	W	0
Power of electrical reheater	W	3300
Unit current	A	16.56
Maximum airflow	m <sup>3</sup> /h	1100
Sound pressure level LpA at 3 m	dB(A)	52
Heat recovery efficiency, max	%	90
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Aluminum
Weight	kg	95
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
ErP compliance	-	2016, 2018
Unit category	-	NRVU
Type of drive installed	-	Integrated VSD
Type of heat recovery system	-	Recuperative
Thermal efficiency of heat recovery	%	81
Nominal flow rate	m <sup>3</sup> /s	0.197
Nominal external pressure	Pa	314
Maximum internal leakage rates	%	2.7
Maximum external leakage rates	%	2.7
Static efficiency	%	59.9
Visual filter warning	-	See control panel catalogue data
Effective electric power input	kW	0.379
Face velocity at design flow rate	m/s	1.111
Sound power level	dB(A)	72
Declared typology	-	NRVU BVU
Energy performance of filters	-	B

## Dimensions

ØD	B	B1	B2	B3	B4	H	H1	L	L1
250	1351	1216	608	431	655	318	143	1349	1402








## Accessories

### Other accessories



Name	Photo	Description
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SFK 647x274x27 G4		G4 pocket filter
SFK 647x274x27 F7		F7 pocket filter
SF 647x274x20 G4		Panel filter G4


### For round ducts

Name	Photo	Description
<a href="#">SR 250/600</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SR 250/900</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SR 250/1200</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SRF 250/600</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SRF 250/900</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 250</a>		Spring-loaded backdraft damper for round ducts
<a href="#">KRV 250</a>		Air damper for air flow cut-off in round air ducts

### Electric actuators


Name	Photo	Description
<a href="#">Belimo LF230</a>		The Belimo LF series actuators are designed for controlling air dampers with cross section up to 0.8 m <sup>2</sup> performing protection functions

[Belimo TF230](#)



The actuators are designed for controlling air dampers with cross section up to 0.4 m<sup>2</sup> performing protection functions

### Other accessories

Name	Photo	Description
<p><a href="#">C 250</a></p>		<p>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</p>