

VUT 3000 PE EC



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

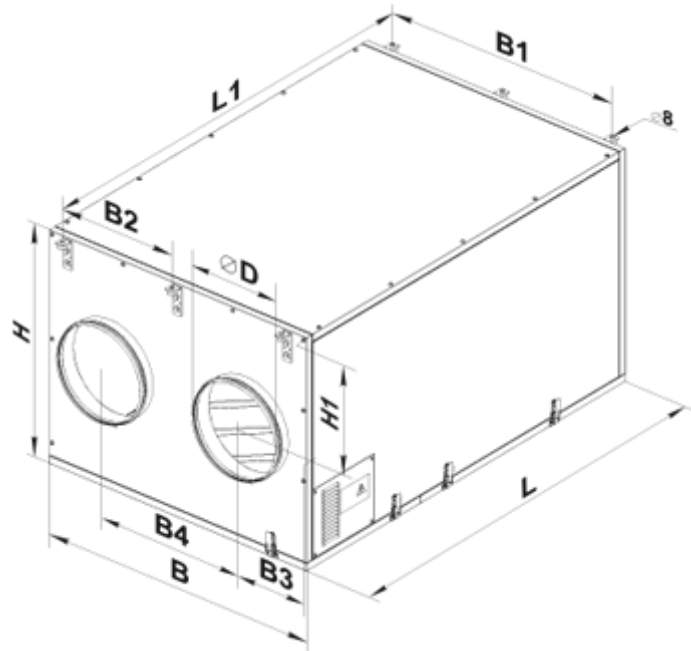
- Power of electrical reheater: 21000
- Maximum airflow: 4000
- Sound pressure level LpA at 3 m: 59
- Heat exchanger type: Cross flow
- Extract filter: G4
- Supply filter: G4
- Motor type: EC
- Reheater: Electric
- Casing material: Aluzinc

	Unit of measurement	VUT 3000 PE EC
Connected air duct size	mm	400
Speed	-	1
Phases	-	3
Minimum supply voltage	V	400
Maximum supply voltage	V	400
Power supply frequency	Hz	50/60
Rated power	W	1980
Power of electrical reheater	W	21000
Unit current	A	33.4
Maximum airflow	m ³ /h	4000
Sound pressure level LpA at 3 m	dB(A)	59
Heat recovery efficiency, max	%	75
Heat exchanger type	-	Cross flow
Heat exchanger material	-	Aluminum
Weight	kg	290
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
-----------------------------	----	----

Dimensions

ØD	B	B2	B3	B4	H	H1	L	L1
399	1265	563	347	570	881	427	1835	1888





Accessories

Other accessories


Name	Photo	Description
SF 827x741x48 G4		Panel filter G4

For round ducts



Name	Photo	Description
SR 400/900		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 400/1200		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems

For round ducts

Name	Photo	Description
------	-------	-------------

KRV 400		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

Ecodesign

Trademark	Vents
Model	VUT 3000 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)	0.609
Nominal external pressure (Pa)	739
Maximum internal leakage rates (%)	2.7
Maximum external leakage rates (%)	2.7
Static efficiency (%)	61.7
Visual filter warning	See control panel catalogue data
Declared typology	NRVU BVU
Effective electric power input (kW)	2.108
Face velocity at design flow rate (m/s)	0.994
Energy performance of filters	B
Sound power level (dB(A))	79