

# VUT 600 PE EC



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

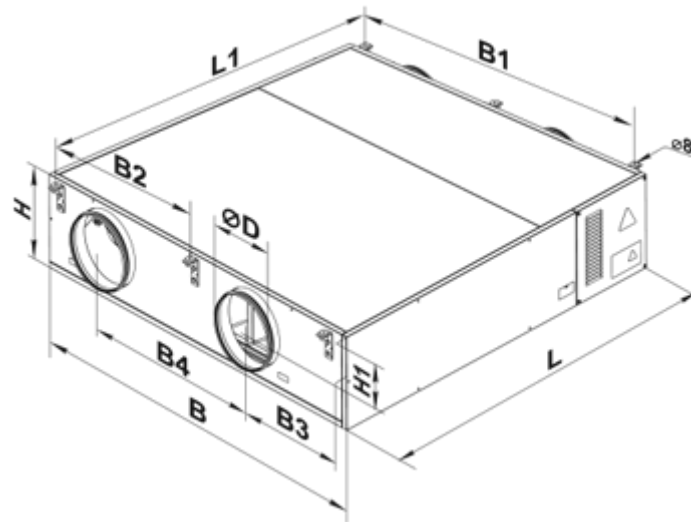
- Power of electrical reheater: 2000
- Maximum airflow: 700
- Sound pressure level LpA at 3 m: 53
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4
- Motor type: EC
- Reheater: Electric
- Control: Remote Control
- Casing material: Aluzinc

	Unit of measurement	VUT 600 PE EC
Connected air duct size	mm	200
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	270
Power of electrical preheater	W	0
Power of electrical reheater	W	2000
Unit current	A	10.3
Maximum airflow	m <sup>3</sup> /h	700
Sound pressure level LpA at 3 m	dB(A)	53
Heat recovery efficiency, max	%	90
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Aluminum
Weight	kg	75
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
Cold - Specific energy consumption (SEC)	kWh/(m <sup>2</sup> /a)	78.9
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m <sup>2</sup> /a)	40.6
SEC Class Average	-	A
Warm - Specific energy consumption (SEC)	kWh/(m <sup>2</sup> /a)	16
SEC Class Warm	-	E
Unit category	-	RVU
Type of ventilation unit	-	Bidirectional
Type of drive installed	-	Variable speed
Type of heat recovery system	-	Recuperative
Thermal efficiency of heat recovery	%	84
Maximum flow rate	m <sup>3</sup> /h	665
Electric power input	W	270
Reference flow rate	m <sup>3</sup> /s	0.129
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m <sup>3</sup> /h)	0.354
Control typology	-	Local demand control
Maximum internal leakage rates	%	2.7
Maximum external leakage rates	%	2.7
Cold - The annual electricity consumption (AEC)	kWh/a	770
Average - The annual electricity consumption (AEC)	kWh/a	233
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	188
Cold - The annual heating saved (AHS)	kWh/a	8938
The annual heating saved (AHS) Average	kWh/a	4569
The annual heating saved (AHS) Warm	kWh/a	2066
Sound power level	dB(A)	73
Declared typology	-	RVU BVU




## Dimensions

ØD	B	B1	B3	B4	H	H1	L	L1
200	827	712	294	345	280	120	1238	1291








## Accessories

### Other accessories



Name	Photo	Description
SFK 392x236x27 G4		G4 pocket filter
SFK 392x236x27 F7		F7 pocket filter
SF 782x128x20 G4		Panel filter G4

### For round ducts



Name	Photo	Description
<a href="#">SR 200/600</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SR 200/900</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SR 200/1200</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SRF 200/600</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems

<a href="#">SRF 200/900</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
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### For round ducts

Name	Photo	Description
<a href="#">KOM 200</a>		Spring-loaded backdraft damper for round ducts
<a href="#">KRV 200</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
<a href="#">Belimo TF230</a>		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
<a href="#">C 200</a>		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