

# VUT 600 PE EC



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

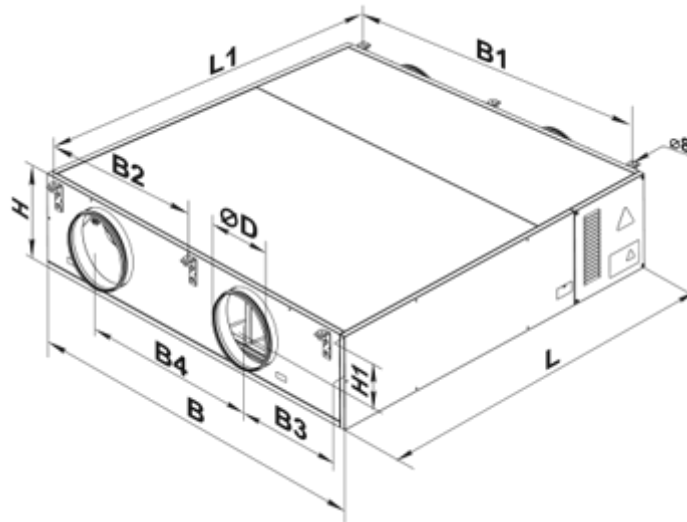
- Power of electrical reheater: 2000
- Maximum airflow: 700
- Sound pressure level LpA at 3 m: 53
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4
- Motor type: EC
- Reheater: Electric
- Control: Remote Control
- Casing material: Aluzinc

	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
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## 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>		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
<a href="#">SR 200/900</a>		Silencers made of galvanized steel filled with non-combustible sound-absorbing material

<a href="#">SR 200/1200</a>		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
<a href="#">SRF 200/600</a>		Silencers made of aluminium alloy filled with non-combustible sound-absorbing material
<a href="#">SRF 200/900</a>		Silencers made of aluminium alloy filled with non-combustible sound-absorbing material


### For round ducts

Name	Photo	Description
<a href="#">KOM 200</a>		Backdraught damper with spring-loaded plates for shutting off air flow in round air ducts
<a href="#">KRV 200</a>		Air dampers for automatic air flow control in round ducts

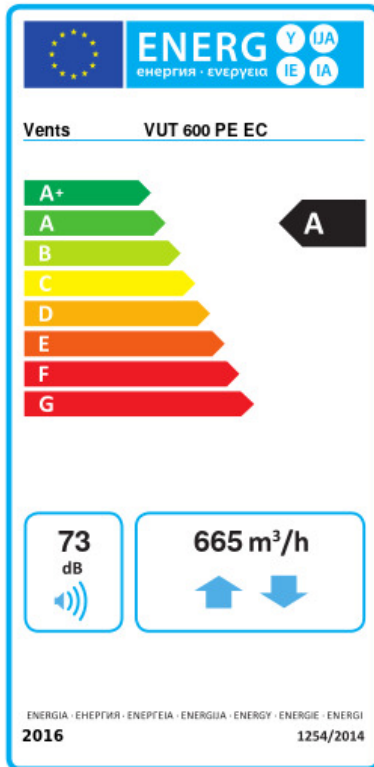
### Electric actuators

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

### Fittings

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

## Ecodesign



Trademark	Vents					
Model	VUT 600 PE EC					
Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a))	Cold		Average		Warm	
	-78.9	A+	-40.6	A	-16	E
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					
Declared typology	RVU BVU					
Sound power level (dB(A))	73					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	770		233		188	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	8938		4569		2066	