VUT 600 PE EC

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

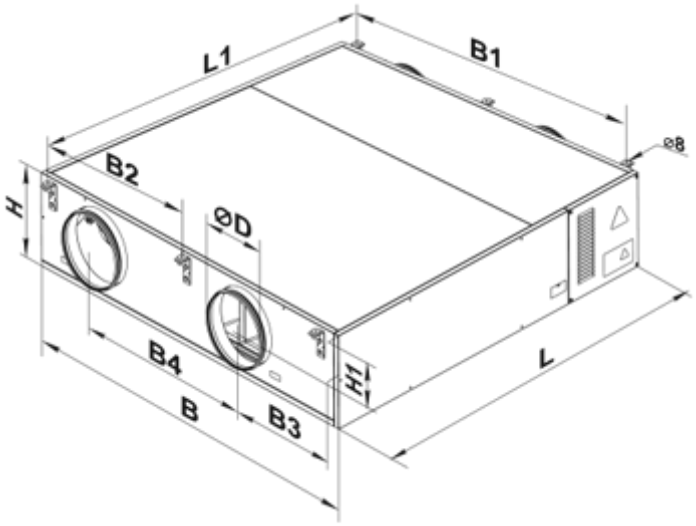
- Power of electrical reheater: 2000
- Maximum airflow: 700
- Sound pressure level LpA at 3 m: 53
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4
- Motor type: EC
- Reheater: Electric
- Control: Remote Control
- Casing material: Aluzinc

	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^3/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

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
SR 200/600		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 200/900		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems

SR 200/1200		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SRF 200/600		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SRF 200/900		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 200		Spring-loaded backdraft damper for round ducts
KRV 200		Air damper for air flow cut-off in round air ducts

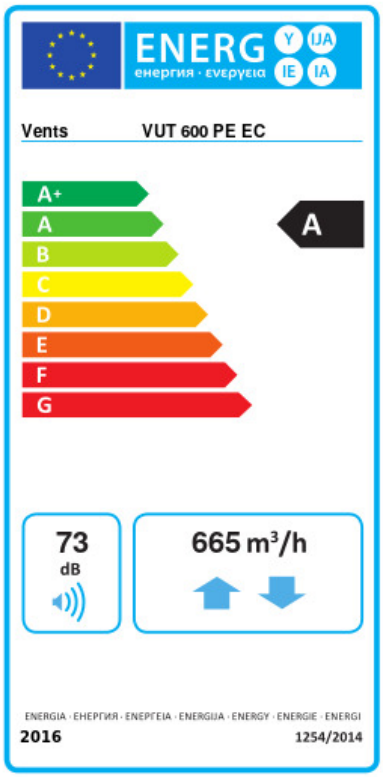
Electric actuators

Name	Photo	Description
Belimo LF230		The Belimo LF series actuators are designed for controlling air dampers with cross section up to 0.8 m² performing protection functions
Belimo TF230		The actuators are designed for controlling air dampers with cross section up to 0.4 m² performing protection functions

Fittings

Name	Photo	Description
C 200		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/(m²/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 (m³/h)	665					
Electric power input (W)	270					
Reference flow rate (m³/s)	0.129					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.354					
Control typology	Local demand control					
Maximum internal leakage rates (%)	2.7					
Maximum external leakage rates (%)	2.7					
Sound power level (dB(A))	73					
Declared typology	RVU BVU					
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	