

VUT 350 PE EC



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

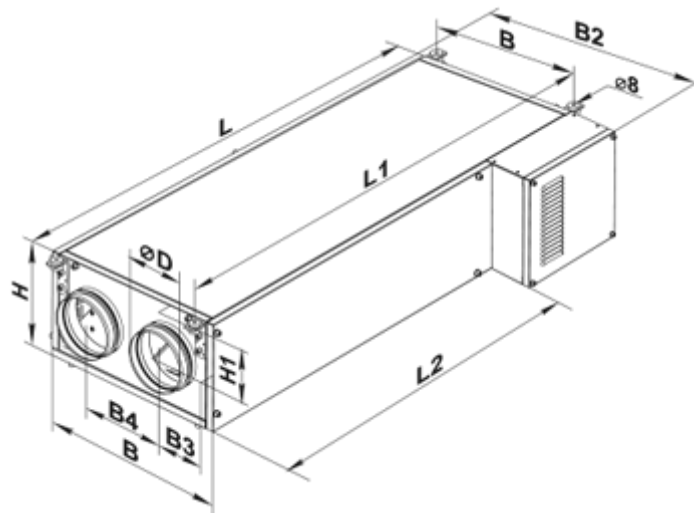
- Power of electrical reheater: 1500
- Maximum airflow: 350
- Sound pressure level LpA at 3 m: 48
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4
- Motor type: EC
- Reheater: Electric
- Control: Remote Control
- Casing material: Aluzinc

	Unit of measurement	VUT 350 PE EC
Connected air duct size	mm	160
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	200
Power of electrical preheater	W	0
Power of electrical reheater	W	1500
Unit current	A	8.12
Maximum airflow	m ³ /h	350
Sound pressure level LpA at 3 m	dB(A)	48
Heat recovery efficiency, max	%	90
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Aluminum
Weight	kg	67
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	B2	B3	B4	H	H1	L	L1	L2
160	485	415	554	135.5	214	281	152	1238	1291	924








Accessories

Other accessories



Name	Photo	Description
SFK 208x236x27 G4		G4 pocket filter
SFK 208x236x27 F7		F7 pocket filter
SF 440x128x20 G4		Panel filter G4

For round ducts



Name	Photo	Description
SR 160/600		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 160/900		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems

SR 160/1200		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SRF 160/600		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SRF 160/900		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 160		Spring-loaded backdraft damper for round ducts
KRV 160		Air damper for air flow cut-off in round air ducts

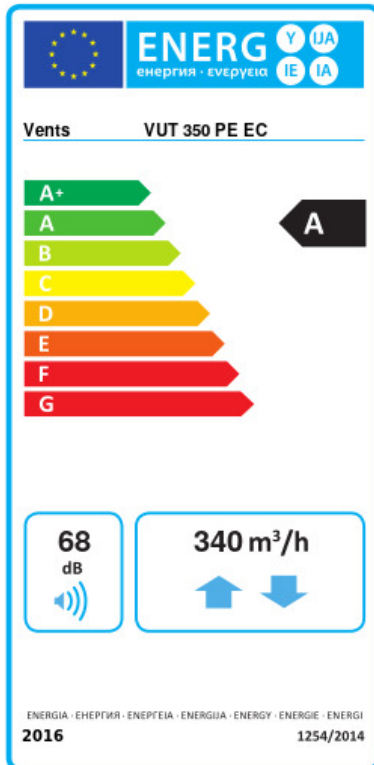
Electric actuators

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

Fittings

Name	Photo	Description
C 160		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 350 PE EC					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-77.2	A+	-39.3	A	-14.9	E
Type of ventilation unit	Bidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	Recuperative					
Thermal efficiency of heat recovery (%)	82					
Maximum flow rate (m³/h)	340					
Electric power input (W)	200					
Reference flow rate (m³/s)	0.066					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.42					
Control typology	Local demand control					
Maximum internal leakage rates (%)	2.7					
Maximum external leakage rates (%)	2.7					
Sound power level (dB(A))	68					
Declared typology	RVU BVU					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	804		267		222	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	8857		4528		2047	