

# VUT 350 PE EC



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

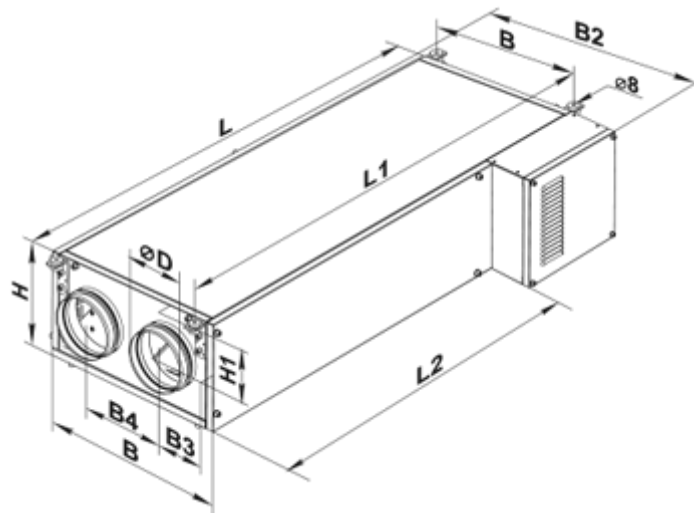
- Power of electrical reheater: 1500
- Maximum airflow: 350
- Sound pressure level LpA at 3 m: 48
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4
- Motor type: EC
- Reheater: Electric
- Control: Remote Control
- Casing material: Aluzinc

	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 <sup>3</sup> /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
<a href="#">SR 160/600</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SR 160/900</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems

<a href="#">SR 160/1200</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SRF 160/600</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SRF 160/900</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems


### For round ducts

Name	Photo	Description
<a href="#">KOM 160</a>		Spring-loaded backdraft damper for round ducts
<a href="#">KRV 160</a>		Air damper for air flow cut-off in round air ducts

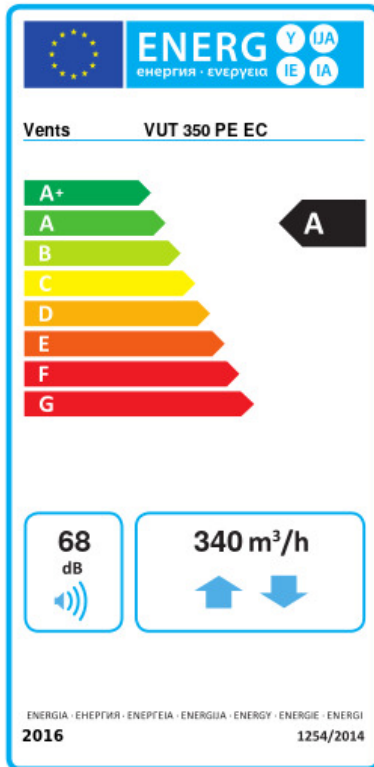
### Electric actuators

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

### Fittings

Name	Photo	Description
<a href="#">C 160</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 350 PE EC					
Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /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 (m <sup>3</sup> /h)	340					
Electric power input (W)	200					
Reference flow rate (m <sup>3</sup> /s)	0.066					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m <sup>3</sup> /h))	0.42					
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))	68					
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	