

VUT 350 PE EC



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

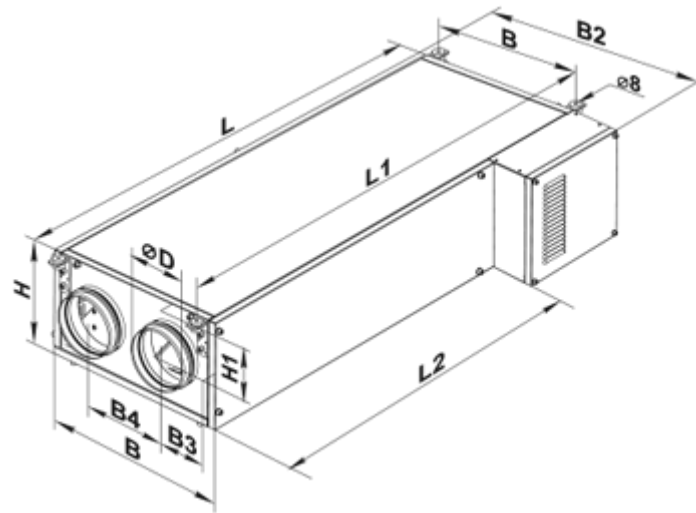
- Power of electrical reheater: 1500
- Maximum airflow: 350
- Sound pressure level LpA at 3 m: 48
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4
- Motor type: EC
- Reheater: Electric
- Control: Remote Control
- Casing material: Aluzinc

	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
ErP compliance	-	2016, 2018
Cold - Specific energy consumption (SEC)	kWh/(m ² /a)	77.2
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m ² /a)	39.3
SEC Class Average	-	A
Warm - Specific energy consumption (SEC)	kWh/(m ² /a)	14.9
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	%	82
Maximum flow rate	m ³ /h	340
Electric power input	W	200
Reference flow rate	m ³ /s	0.066
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /h)	0.42
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	804
Average - The annual electricity consumption (AEC)	kWh/a	267
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	222
Cold - The annual heating saved (AHS)	kWh/a	8857
The annual heating saved (AHS) Average	kWh/a	4528
The annual heating saved (AHS) Warm	kWh/a	2047
Sound power level	dB(A)	68
Declared typology	-	RVU BVU




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

Other accessories

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