

## VUT 500 EH



Air handling units in sound-proof and heat-insulated casing with electric heater

- Power of electrical reheater: 3000
- Maximum airflow: 500
- Sound pressure level LpA at 3 m: 47
- Heat exchanger type: Cross flow
- Extract filter: G4
- Supply filter: G4
- Sound insulation
- Motor type: AC
- Reheater: Electric
- Control: Remote Control
- Casing material: Galvanized steel

	Unit of measurement	VUT 500 EH
Connected air duct size	mm	249
Speed	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	300
Power of electrical reheater	W	3000
Unit current	A	14.3
Maximum airflow	m <sup>3</sup> /h	500
Sound pressure level LpA at 3 m	dB(A)	47
Heat recovery efficiency, max	%	88
Heat exchanger type	-	Cross flow
Heat exchanger material	-	Polystyrene
Weight	kg	49
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
Ambient air humidity max	%	80

Ingress protection rating	-	IP22
Ingress protection rating of the drive	-	IP44





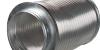
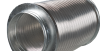
## Dimensions

ØD	B	B1	B2	B3	H	H2	H3	L	L1	L2
149	497	403	248	348	554	111	230	954	996	1054





## Accessories



### For round ducts

Name	Photo	Description
<a href="#">SR 150/600</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SR 150/900</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SR 150/1200</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SRF 150/600</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SRF 150/900</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SRF 150/2000</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems

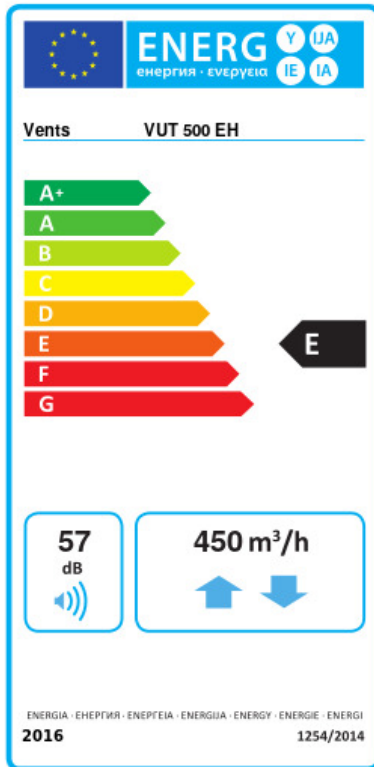
**For round ducts**

Name	Photo	Description
<a href="#">KOM 150</a>		Spring-loaded backdraft damper for round ducts
<a href="#">KR 150</a>		Air damper for air flow control in round air ducts

**Other accessories**

Name	Photo	Description
SF 438x215x48 G4		Panel filter G4
VL C4 300/300		Summer block

## Ecodesign



Trademark	Vents					
Model	VUT 500 EH					
Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a))	Cold		Average		Warm	
	-47.3	A+	-17.1	E	2.9	G
Type of ventilation unit	Bidirectional					
Type of drive installed	Multi-speed					
Type of heat recovery system	Recuperative					
Thermal efficiency of heat recovery (%)	63					
Maximum flow rate (m <sup>3</sup> /h)	450					
Electric power input (W)	300					
Reference flow rate (m <sup>3</sup> /s)	0.088					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m <sup>3</sup> /h))	0.629					
Control typology	Manual control					
Maximum internal leakage rates (%)	2.7					
Maximum external leakage rates (%)	2.7					
Declared typology	RVU BVU					
Sound power level (dB(A))	57					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	1369		832		787	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	7281		3722		1683	