

# VUT 500 H



Horizontal air handling units with a crossflow heat exchanger

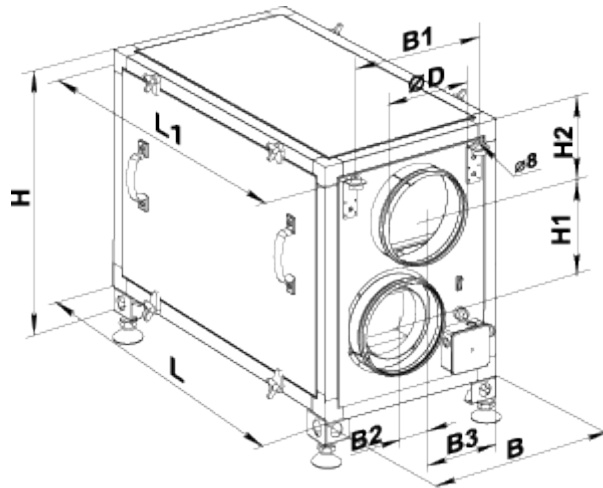
- Maximum airflow: 500
- Sound pressure level LpA at 3 m: 47
- Heat exchanger type: Cross flow
- Extract filter: G4
- Supply filter: G4
- Sound insulation
- Motor type: AC
- Control: Remote Control
- Casing material: Galvanized steel

	Unit of measurement	VUT 500 H
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
Unit current	A	1.32
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	10
Ambient air temperature max	°C	50
Ambient air humidity max	%	80
Ingress protection rating	-	IP22

Ingress protection rating of the drive	-	IP44
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## Dimensions

ØD	B	B1	B2	B3	H	H1	H2	L	L1
149	416	300	54	207	603	230	148	722	768





## Accessories



### For round ducts

Name	Photo	Description
<a href="#">SR 150/600</a>		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
<a href="#">SR 150/900</a>		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
<a href="#">SR 150/1200</a>		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
<a href="#">SRF 150/600</a>		Silencers made of aluminium alloy filled with non-combustible sound-absorbing material
<a href="#">SRF 150/900</a>		Silencers made of aluminium alloy filled with non-combustible sound-absorbing material
<a href="#">SRF 150/2000</a>		Silencers made of aluminium alloy filled with non-combustible sound-absorbing material

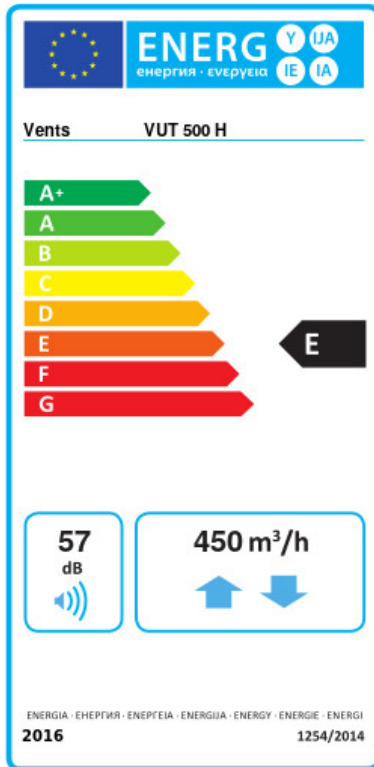
### For round ducts

Name	Photo	Description
<a href="#">KOM 150</a>		Backdraught damper with spring-loaded plates for shutting off air flow in round air ducts
<a href="#">KR 150</a>		Air dampers for controlling air flow in round air ducts

### Other accessories

Name	Photo	Description
SF 378x210x48 G4		Panel filter G4
VL C4 300/384		Summer block

## Ecodesign



Trademark	Vents					
Model	VUT 500 H					
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))	0.603					
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	