

## VUT 800 EH



Horizontal air handling units with a crossflow heat exchanger

- Power of electrical reheater: 9000
- Maximum airflow: 800
- Sound pressure level LpA at 3 m: 48
- 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 800 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	490
Power of electrical reheater	W	9000
Unit current	A	15.16
Maximum airflow	m <sup>3</sup> /h	800
Sound pressure level LpA at 3 m	dB(A)	48
Heat recovery efficiency, max	%	78
Heat exchanger type	-	Cross flow
Heat exchanger material	-	Polystyrene
Weight	kg	85
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	H1	H2	H3	L	L1	L2
249	613	460	306	386	698	832	154	280	1071	1117	1171





## Accessories



### For round ducts

Name	Photo	Description
<a href="#">SR 250/600</a>		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
<a href="#">SR 250/900</a>		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
<a href="#">SR 250/1200</a>		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
<a href="#">SRF 250/600</a>		Silencers made of aluminium alloy filled with non-combustible sound-absorbing material
<a href="#">SRF 250/900</a>		Silencers made of aluminium alloy filled with non-combustible sound-absorbing material
<a href="#">SRF 250/2000</a>		Silencers made of aluminium alloy filled with non-combustible sound-absorbing material

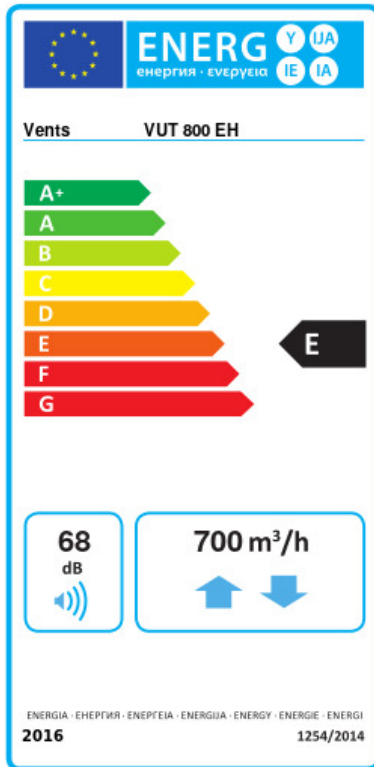
**For round ducts**

Name	Photo	Description
<a href="#">KOM 250</a>		Backdraught damper with spring-loaded plates for shutting off air flow in round air ducts
<a href="#">KR 250</a>		Air dampers for controlling air flow in round air ducts

**Other accessories**

Name	Photo	Description
SF 550x253x48 G4		Panel filter G4
VL C4 300/300		Summer block

## Ecodesign



Trademark	Vents					
Model	VUT 800 EH					
Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a))	Cold		Average		Warm	
	-50.4	A+	-19.8	E	0.3	G
Type of ventilation unit	Bidirectional					
Type of drive installed	Multi-speed					
Type of heat recovery system	Recuperative					
Thermal efficiency of heat recovery (%)	64					
Maximum flow rate (m <sup>3</sup> /h)	700					
Electric power input (W)	490					
Reference flow rate (m <sup>3</sup> /s)	0.136					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m <sup>3</sup> /h))	0.551					
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))	68					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	1272		735		690	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	7343		3754		1697	