

# **VUT 800 EH**



Horizontal air handling units with a crossflow heat exchanger

• Power of electrical reheater: 9000

Maximum airflow: 800Sound pressure level LpA at 3 m: 48

Sound pressure level LpA at 3 m:
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

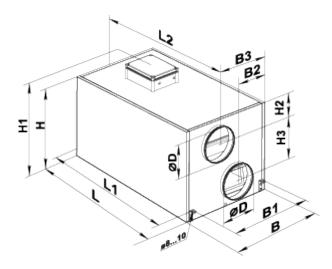
	Unit of measurement	VUT 800 EH
Connected air duct size	mm	249
Speed	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	490
Power of electrical reheater	W	9000
Unit current	A	15.16
Maximum airflow	m³/h	800
Sound pressure level LpA at 3 m	dB(A)	48
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	е	-	IP44

## **Dimensions**

ØD	В	B1	В2	В3	Н	H1	H2	Н3	L	L1	L2
249	613	460	306	386	698	832	154	280	1071	1117	1171



#### **Accessories**

#### For round ducts

Name	Photo	Description
SR 250/600		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SR 250/900		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SR 250/1200		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SRF 250/600	0	Silencers made of aluminium alloy filled with non-combustible sound-absorbing material
SRF 250/900		Silencers made of aluminium alloy filled with non-combustible sound-absorbing material
SRF 250/2000		Silencers made of aluminium alloy filled with non-combustible sound-absorbing material



#### For round ducts

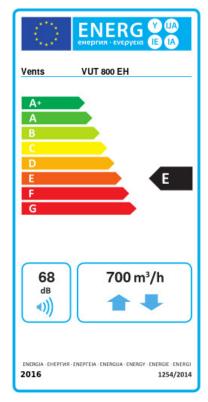
Name	Photo	Description
KOM 250		Backdraught damper with spring-loaded plates for shutting off air flow in round air ducts
KR 250		Air dampers for controlling air flow in round air ducts

#### Other accessories

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



### **Ecodesign**



Trademark	Vents					
Model	VUT 800 EH					
C 15	Col	d	Average		Warm	
Specific energy consumption (SEC) (kWh/(m²/a))		A+	-19.8	Е	0.3	G
Type of ventilation unit		Bi	direction	nal		
Type of drive installed		М	ulti-spee	ed		
Type of heat recovery system		Re	cuperati	ve		
Thermal efficiency of heat recovery (%)		64				
Maximum flow rate (m³/h)		700				
Electric power input (W)		490				
Reference flow rate (m³/s)	0.136					
Reference pressure difference (Pa) 50						
Specific power input (SPI) (W/(m³/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)		d	Averag	ge	Wai	m
		'2	735		69	0
The applied heating cayled (AHC) (kWh(a)	Col	d	Averag	ge	Wai	m
The annual heating saved (AHS) (kWh/a)		13	3754		169	97