

VUT 300 V2 mini EC A14



Air handling units that are equipped with a cross-flow polystyrene heat exchanger

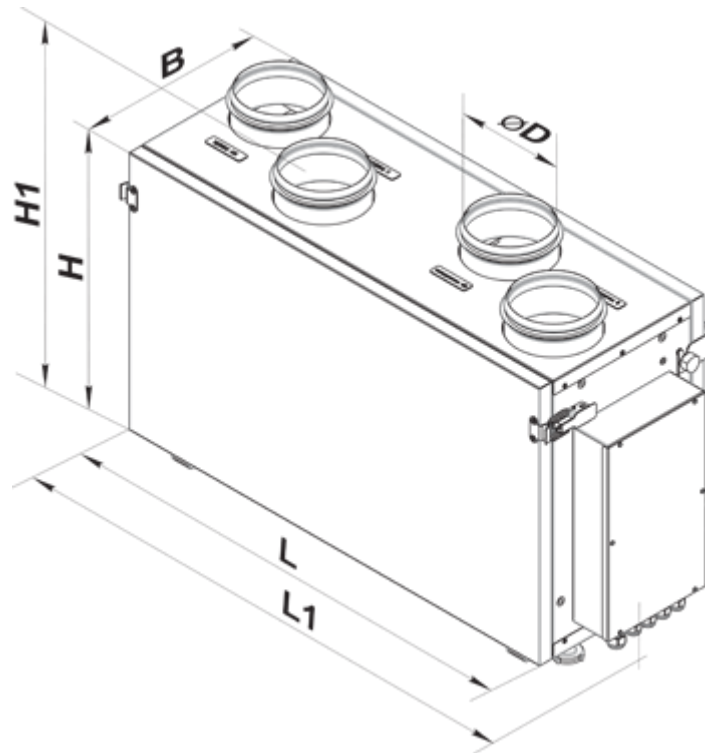
- Maximum airflow: 300
- Sound pressure level LpA at 3 m: 33
- Heat exchanger type: Cross flow
- Extract filter: G4
- Supply filter: G4, F8
- Sound insulation
- Motor type: EC
- Control: Remote Control
- Casing material: Galvanized steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional

	Unit of measurement	VUT 300 V2 mini EC A14
Connected air duct size	mm	125
Speed	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	165
Unit current	A	1.3
Maximum airflow	m ³ /h	300
Sound pressure level LpA at 3 m	dB(A)	33
Heat recovery efficiency, max	%	79
Heat exchanger type	-	Cross flow
Heat exchanger material	-	Polystyrene
Weight	kg	32
Extract filter	-	G4
Supply filter	-	G4, F8
Transported air temperature (max)	°C	60
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
ErP compliance	-	2016, 2018
Cold - Specific energy consumption (SEC)	kWh/(m ² /a)	70.5
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m ² /a)	36.6
SEC Class Average	-	A
Warm - Specific energy consumption (SEC)	kWh/(m ² /a)	14.5
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	%	62
Maximum flow rate	m ³ /h	250
Electric power input	W	150
Reference flow rate	m ³ /s	0.044
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /h)	0.313
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	747
Average - The annual electricity consumption (AEC)	kWh/a	210
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	165
Cold - The annual heating saved (AHS)	kWh/a	8047
The annual heating saved (AHS) Average	kWh/a	4114
The annual heating saved (AHS) Warm	kWh/a	1860
Declared typology	-	RVU BVU
Sound power level	dB(A)	53





Dimensions

ØD	B	H	H1	L	L1
125	287	447	495	714	776









Accessories

Sensors



Name	Photo	Description
HV2		Humidity sensor
CO2-1		CO2 sensors
CO2-2		CO2 sensors
HR-S		Electro-mechanical humidistats

For round ducts


Name	Photo	Description
SR 125/600		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 125/900		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems

SR 125/1200		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SRF 125/600		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SRF 125/900		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SRF 125/2000		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 125		Spring-loaded backdraft damper for round ducts
KRV 125		Air damper for air flow cut-off in round air ducts



Condensation drainage

Name	Photo	Description
SH-32		The hydraulic U-trap for condensate drainage from heat exchangers and coolers in ventilation and air conditioning systems

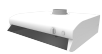
Electric actuators

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

Other accessories

Name	Photo	Description
SF 240x184x40 G4		Panel filter G4
SF 240x184x40 F8		F8 panel filter

Cooker Hoods

Name	Photo	Description
KH-1		The kitchen exhaust hood is designed to clean air from combustion products, fumes, odors that form during cooking in the kitchen