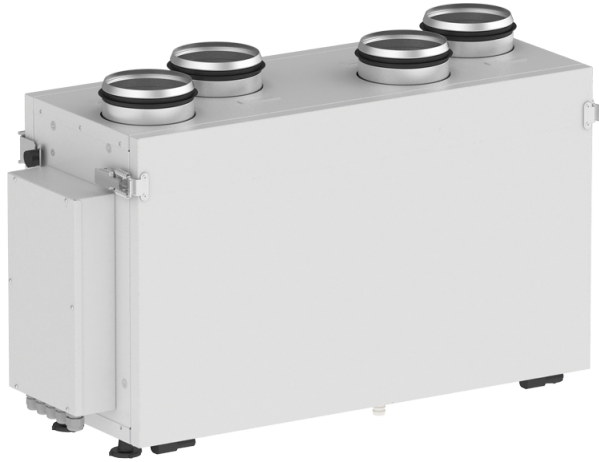


# VUT 300 V2 mini EC A2



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

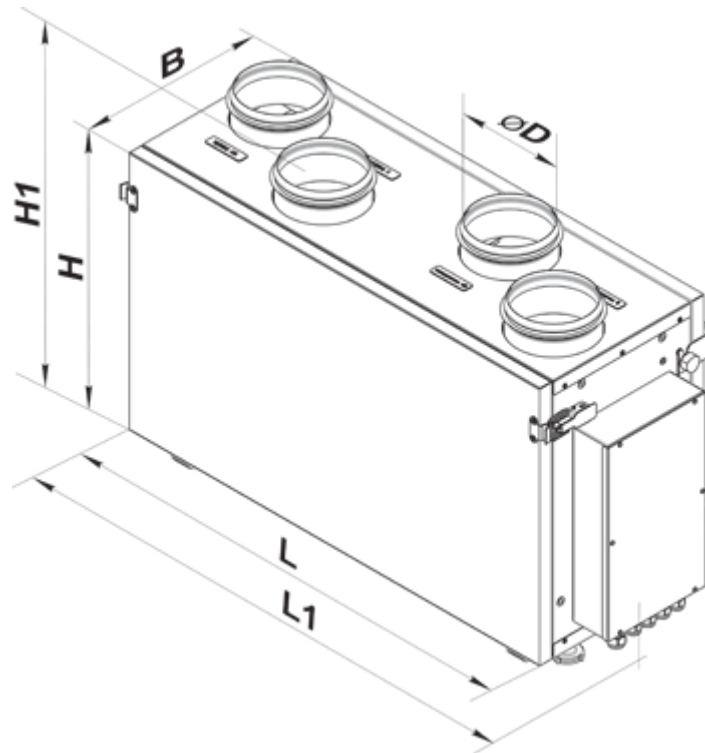
- Maximum airflow: 300
- Sound pressure level LpA at 3 m: 33
- Heat exchanger type: Cross flow
- Extract filter: G4
- Supply filter: G4, F8
- Sound insulation
- Motor type: EC
- Control: Remote Control
- Casing material: Galvanized steel
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional

	Unit of measurement	VUT 300 V2 mini EC A2
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 <sup>3</sup> /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 <sup>2</sup> /a)	56.6
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m <sup>2</sup> /a)	26.7
SEC Class Average	-	B
Warm - Specific energy consumption (SEC)	kWh/(m <sup>2</sup> /a)	6.9
SEC Class Warm	-	F
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 <sup>3</sup> /h	250
Electric power input	W	150
Reference flow rate	m <sup>3</sup> /s	0.044
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m <sup>3</sup> /h)	0.313
Control typology	-	Manual control
Maximum internal leakage rates	%	2.7
Maximum external leakage rates	%	2.7
Cold - The annual electricity consumption (AEC)	kWh/a	973
Average - The annual electricity consumption (AEC)	kWh/a	436
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	391
Cold - The annual heating saved (AHS)	kWh/a	7218
The annual heating saved (AHS) Average	kWh/a	3690
The annual heating saved (AHS) Warm	kWh/a	1669
Declared typology	-	RVU BVU
Sound power level	dB(A)	53







## Dimensions

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





## Accessories

### For round ducts


Name	Photo	Description
<a href="#">SR 125/600</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SR 125/900</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SR 125/1200</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SRF 125/600</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SRF 125/900</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SRF 125/2000</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 125</a>		Spring-loaded backdraft damper for round ducts
<a href="#">KRV 125</a>		Air damper for air flow cut-off in round air ducts

### Condensation drainage

Name	Photo	Description
<a href="#">SH-32</a>		The hydraulic U-trap for condensate drainage from heat exchangers and coolers in ventilation and air conditioning systems

### Other accessories

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