

VUE 160 V1B EC A14



Air handling units in heat- and sound-insulated casing equipped with a counter-flow enthalpy heat exchanger

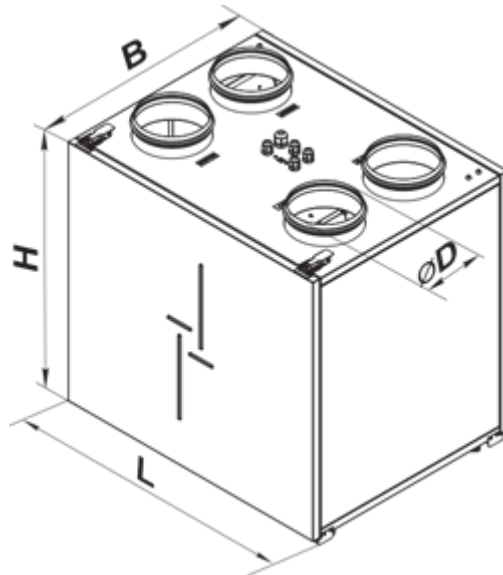
- Maximum airflow: 200
- Sound pressure level LpA at 3 m: 22
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: F7 (G4 optional)
- Sound insulation
- Motor type: EC
- Enthalpy heat exchanger
- Bypass: Manual
- Control: Remote Control
- Casing material: Coated steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional

	Unit of measurement	VUE 160 V1B 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	57
Unit current	A	0.5
Maximum airflow	m ³ /h	200
Sound pressure level LpA at 3 m	dB(A)	22
Heat recovery efficiency, max	%	92
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Enthalpy
Weight	kg	44
Extract filter	-	G4
Supply filter	-	F7 (G4 optional)
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	%	60
Ingress protection rating	-	IP20

Ingress protection rating of the drive	-	IP44
ErP compliance	-	2016, 2018
Cold - Specific energy consumption (SEC)	kWh/(m ² /a)	78.7
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m ² /a)	41.4
SEC Class Average	-	A
Warm - Specific energy consumption (SEC)	kWh/(m ² /a)	17.3
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	%	79
Maximum flow rate	m ³ /h	175
Electric power input	W	57
Reference flow rate	m ³ /s	0.036
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /h)	0.215
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	696
Average - The annual electricity consumption (AEC)	kWh/a	159
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	114
Cold - The annual heating saved (AHS)	kWh/a	8736
The annual heating saved (AHS) Average	kWh/a	4466
The annual heating saved (AHS) Warm	kWh/a	2019
Sound power level	dB(A)	43
Declared typology	-	RVU BVU





Dimensions

ØD	B	H	L
125	370	620	640




Accessories

Sensors

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


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



For round ducts

Name	Photo	Description
KRV 125		Air damper for air flow cut-off in round air ducts

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 285x195x10 G4		Panel filter G4
SF 285x195x10 F7		F7 panel filter