

VUE 160 V1B EC A21



Vertical air handling units with a counterflow enthalpy heat exchanger

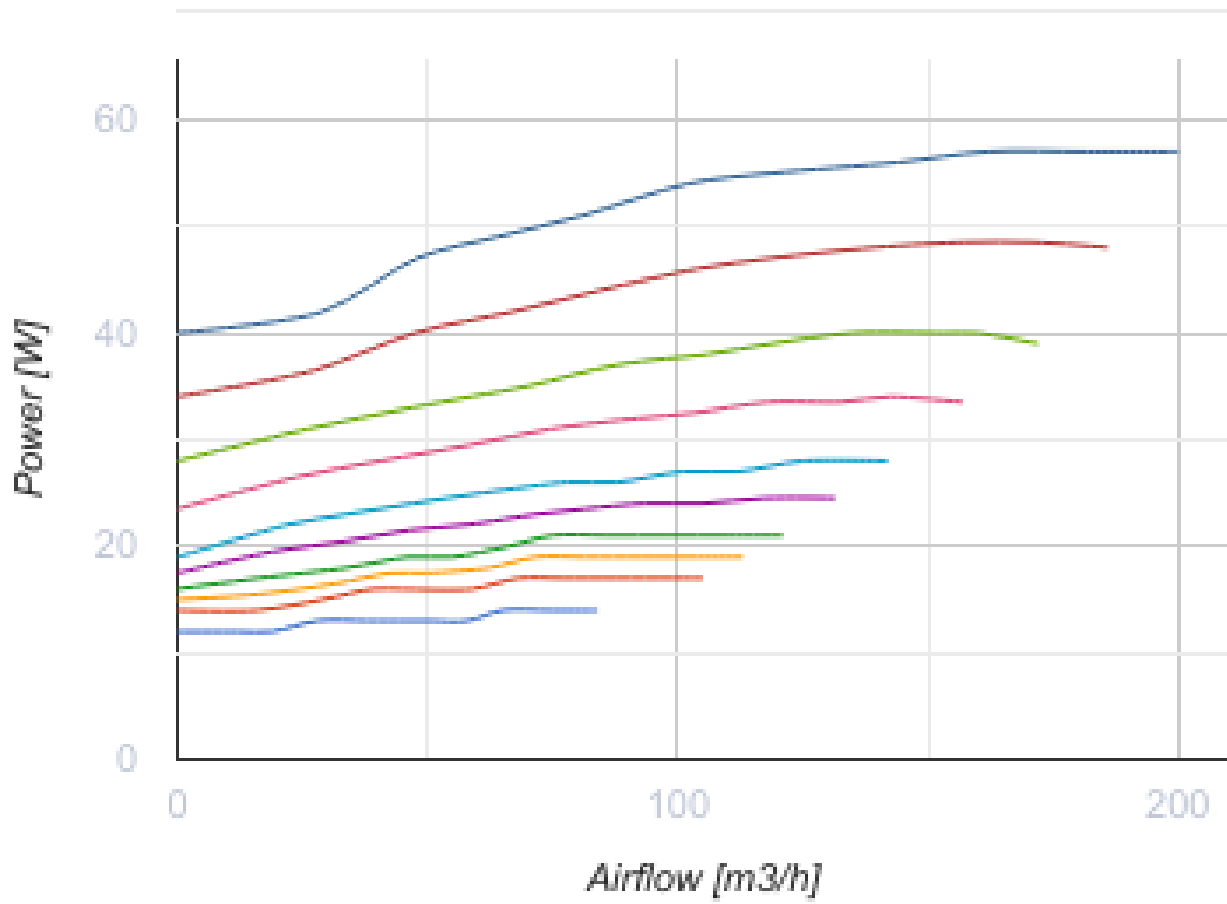
- Maximum airflow: 200
- Sound pressure level LpA at 3 m: 22
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: F7 (G4 optional)
- Sound insulation
- Motor type: EC
- Enthalpy heat exchanger
- Bypass: Auto
- Reheater: Optional
- Preheater: Optional
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Polypropylene/Thermoplastic elastomer
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional

	Unit of measurement	VUE 160 V1B EC A21
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

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IP44



Dimensions

ØD	B	H	L
125	370	620	640







Accessories







Control Panels for AHU

Name	Photo	Description
A25		The control panel with a sensor display
A22		The A22/A22 WiFi control panels are used for control of industrial and domestic air handling units with an A21 automation system.
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Sensors

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


Electrical heaters

Name	Photo	Description
NKP 125-0,6-1 A21 V.2		Heater for heat exchanger freeze protection
NKP 125-0,8-1 A21 V.2		Heater for heat exchanger freeze protection
NKP 125-1,2-1 A21 V.2		Heater for heat exchanger freeze protection
NKD 125-0,6-1 A21 V.2		Duct heater for supply air post-heating with external control
NKD 125-0,8-1 A21 V.2		Duct heater for supply air post-heating with external control
NKD 125-1,2-1 A21 V.2		Duct heater for supply air post-heating with external control



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

Flanges

Name	Photo	Description
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[KH-1](#)



The kitchen exhaust hood is designed to clean air from combustion products, fumes, odors that form during cooking in the kitchen

