

VUT 3000 PBE EC A21



Ceiling mounted air handling units in compact heat- and sound-insulated casing with an electric heater

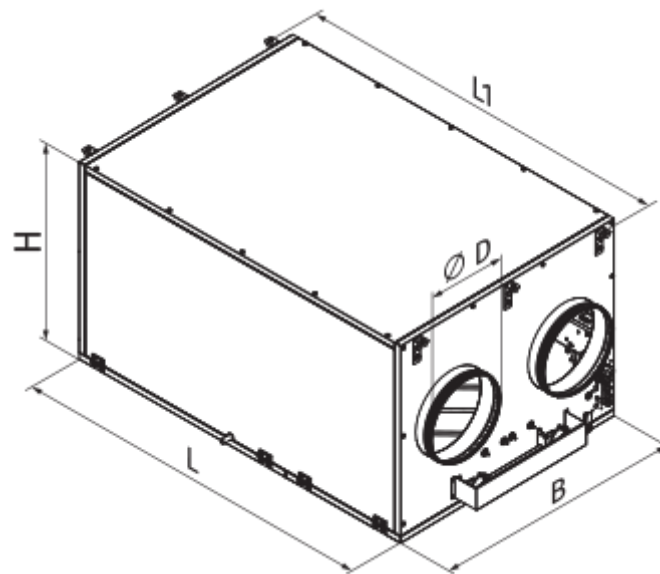
- Power of electrical reheater: 21000
- Maximum airflow: 4300
- Sound pressure level LpA at 3 m: 46
- Heat exchanger type: Cross flow
- Extract filter: G4
- Supply filter: G4
- Sound insulation
- Motor type: EC
- Bypass: Auto
- Reheater: Electric
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Galvanized steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional

	Unit of measurement	VUT 3000 PBE EC A21
Connected air duct size	mm	400
Speed	-	1
Minimum supply voltage	V	400
Maximum supply voltage	V	400
Power supply frequency	Hz	50/60
Rated power	W	2226
Power of electrical reheater	W	21000
Unit current	A	33.5
Maximum airflow	m ³ /h	4300
Sound pressure level LpA at 3 m	dB(A)	46
Heat recovery efficiency, max	%	72
Heat exchanger type	-	Cross flow
Heat exchanger material	-	Aluminum
Weight	kg	281
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	%	60
Ingress protection rating	-	IP22
Ingress protection rating of the drive	-	IP44




Dimensions

ØD	B	H	L	L1
400	1265	881	1835	1888








Accessories

Control Panels for AHU



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

Sensors


Name	Photo	Description
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HV2		Humidity sensor
CO2-1		CO2 sensors
CO2-2		CO2 sensors
HR-S		Electro-mechanical humidistats
DPWC11200		Humidity sensor



VOC sensors

Name	Photo	Description
DPWQ30600		VOC sensors
DPWQ40200		CO2 sensor

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

For round ducts



Name	Photo	Description
SR 400/900		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 400/1200		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems

For round ducts

Name	Photo	Description
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KRV 400		Air damper for air flow cut-off in round air ducts
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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
Belimo TF230		The actuators are designed for controlling air dampers with cross section up to 0.4 m ² performing protection functions

Other accessories

Name	Photo	Description
SF 827x741x48 G4		Panel filter G4