

VUT 2000 PBW EC A21 DTV

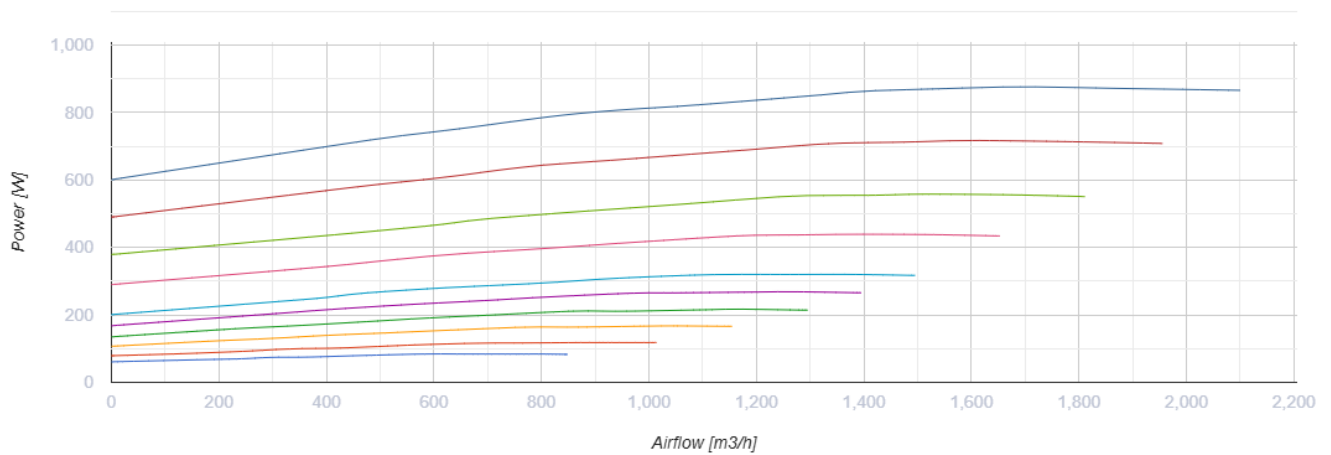
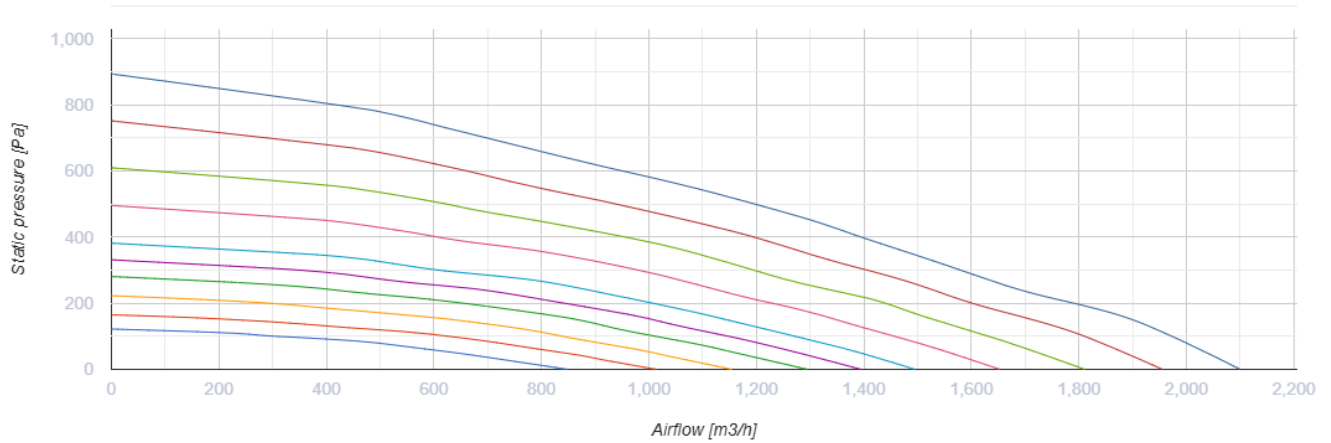


Ceiling mounted air handling units in compact heat- and sound-insulated casing with a water heater

- Maximum airflow: 2100
- Sound pressure level LpA at 3 m: 36
- Heat exchanger type: Cross flow
- Extract filter: G4
- Supply filter: G4
- Sound insulation
- Motor type: EC
- Bypass: Auto
- Reheater: Water
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Galvanized steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional

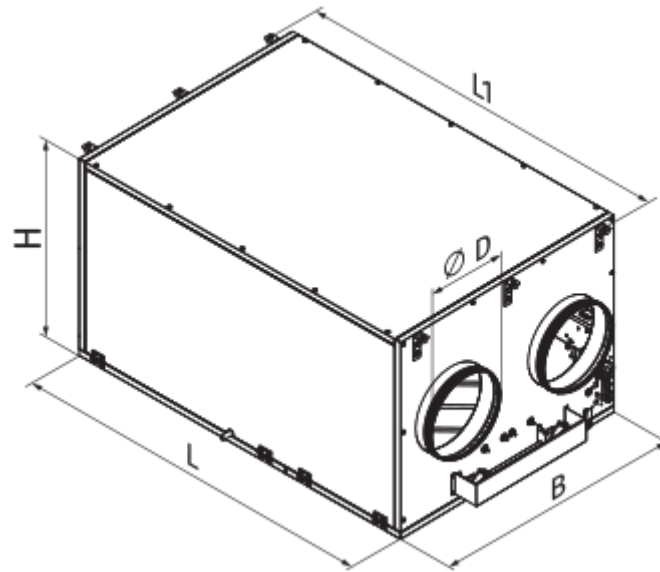
	Unit of measurement	VUT 2000 PBW EC A21 DTV
Connected air duct size	mm	315
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	1063
Unit current	A	5.3
Maximum airflow	m ³ /h	2100
Sound pressure level LpA at 3 m	dB(A)	36
Heat recovery efficiency, max	%	67
Heat exchanger type	-	Cross flow
Heat exchanger material	-	Aluminum
Weight	kg	140
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
315	950	762	1400	1452



Accessories




Other accessories

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.

Control Panels for AHU


Name	Photo	Description
A25		The control panel with a sensor display

Sensors




Name	Photo	Description
HV2		Humidity sensor
CO2-1		CO2 sensors
CO2-2		CO2 sensors

HR-S		Electro-mechanical humidistats
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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 315/600		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 315/900		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 315/1200		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems


For round ducts

Name	Photo	Description
KOM 315		Spring-loaded backdraft damper for round ducts
KRV 315		Air damper for air flow cut-off in round air ducts

Electric actuators

Name	Photo	Description
Belimo TF230		The actuators are designed for controlling air dampers with cross section up to 0.4 m ² performing protection functions

Mixing chambers



Name	Photo	Description
USWK 3/4-4		The mixing unit USWK is designed for smooth heat medium flow control in ventilation systems equipped with water heaters or coolers for supply air temperature regulation

USWK 3/4-6		The mixing unit USWK is designed for smooth heat medium flow control in ventilation systems equipped with water heaters or coolers for supply air temperature regulation
USWK 1-6		The mixing unit USWK is designed for smooth heat medium flow control in ventilation systems equipped with water heaters or coolers for supply air temperature regulation
USWK 1-10		The mixing unit USWK is designed for smooth heat medium flow control in ventilation systems equipped with water heaters or coolers for supply air temperature regulation
USWK 1 1/4-10		The mixing unit USWK is designed for smooth heat medium flow control in ventilation systems equipped with water heaters or coolers for supply air temperature regulation
USWK 1 1/4-16		The mixing unit USWK is designed for smooth heat medium flow control in ventilation systems equipped with water heaters or coolers for supply air temperature regulation
USWK 1 1/2-16		The mixing unit USWK is designed for smooth heat medium flow control in ventilation systems equipped with water heaters or coolers for supply air temperature regulation
USWK 1 1/2-25		The mixing unit USWK is designed for smooth heat medium flow control in ventilation systems equipped with water heaters or coolers for supply air temperature regulation
USWK 2-25		The mixing unit USWK is designed for smooth heat medium flow control in ventilation systems equipped with water heaters or coolers for supply air temperature regulation
USWK 2-40		The mixing unit USWK is designed for smooth heat medium flow control in ventilation systems equipped with water heaters or coolers for supply air temperature regulation

Other accessories

Name	Photo	Description
SF 708x480x48 G4		Panel filter G4

Electrical heaters

Name	Photo	Description
NKP 315-3,0-1 A21 V.2		Heater for heat exchanger freeze protection
NKP 315-2,0-1 A21 V.2		Heater for heat exchanger freeze protection