

# VUT 2000 PBE EC A21 DTV

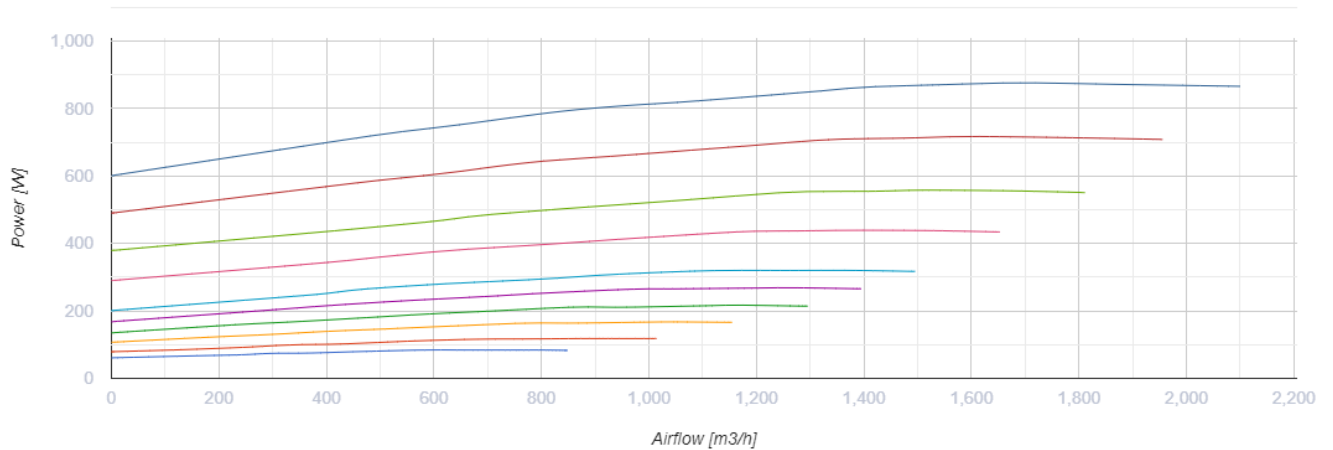
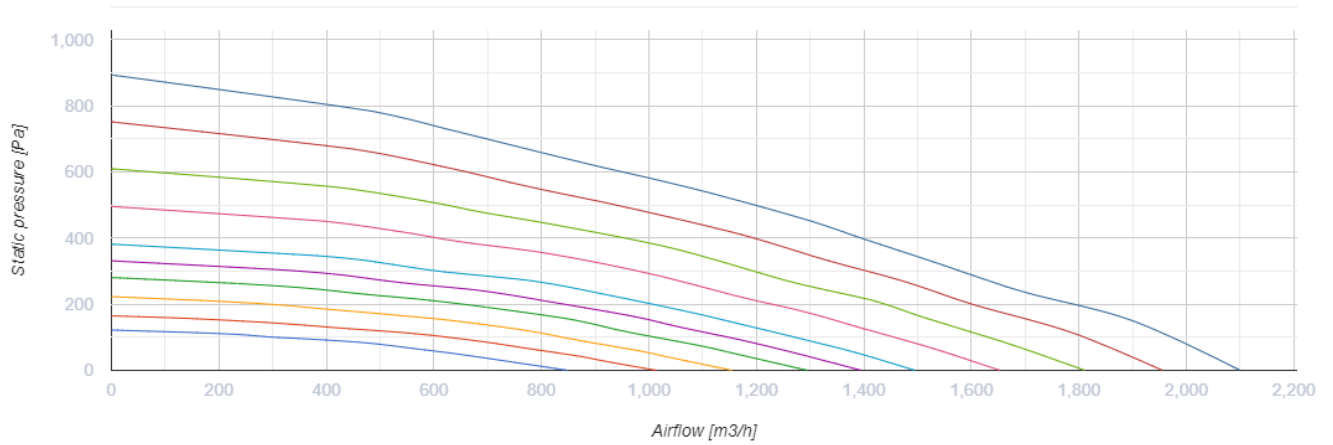


Ceiling mounted air handling units in compact heat- and sound-insulated casing with an electric heater

- Power of electrical reheater: 15000
- 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: Electric
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Galvanized steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional

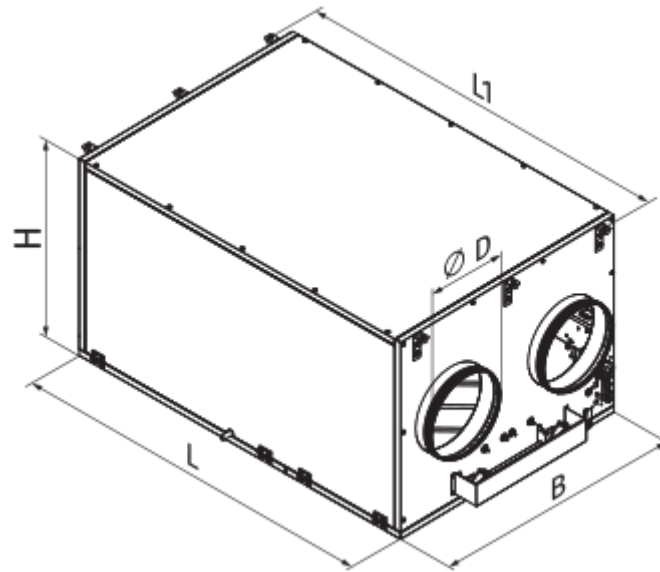
	Unit of measurement	VUT 2000 PBE EC A21 DTV
Connected air duct size	mm	315
Speed	-	1
Phases	-	3
Minimum supply voltage	V	400
Maximum supply voltage	V	400
Power supply frequency	Hz	50/60
Rated power	W	1063
Power of electrical reheater	W	15000
Unit current	A	26.4
Maximum airflow	m <sup>3</sup> /h	2100
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

### Control Panels for AHU



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

### Sensors


Name	Photo	Description
<a href="#">HV2</a>		Humidity sensor
<a href="#">CO2-1</a>		CO2 sensors
<a href="#">CO2-2</a>		CO2 sensors
<a href="#">HR-S</a>		Electro-mechanical humidistats

<a href="#">DPWC11200</a>		Humidity sensor
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### VOC sensors

Name	Photo	Description
<a href="#">DPWQ30600</a>		VOC sensors
<a href="#">DPWQ40200</a>		CO2 sensor


### 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

### For round ducts



Name	Photo	Description
<a href="#">SR 315/600</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SR 315/900</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SR 315/1200</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SRF 315/600</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SRF 315/900</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SRF 315/2000</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 315</a>		Spring-loaded backdraft damper for round ducts

<a href="#">KRV 315</a>		Air damper for air flow cut-off in round air ducts
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### Electric actuators

Name	Photo	Description
<a href="#">Belimo LF230</a>		The Belimo LF series actuators are designed for controlling air dampers with cross section up to 0.8 m <sup>2</sup> performing protection functions
<a href="#">Belimo TF230</a>		The actuators are designed for controlling air dampers with cross section up to 0.4 m <sup>2</sup> performing protection functions

### Other accessories

Name	Photo	Description
SF 708x480x48 G4		Panel filter G4

### Electrical heaters

Name	Photo	Description
<a href="#">NKP 315-3,0-1 A21 V.2</a>		Heater for heat exchanger freeze protection
<a href="#">NKP 315-2,0-1 A21 V.2</a>		Heater for heat exchanger freeze protection