

VUT 2000 PBE EC A21

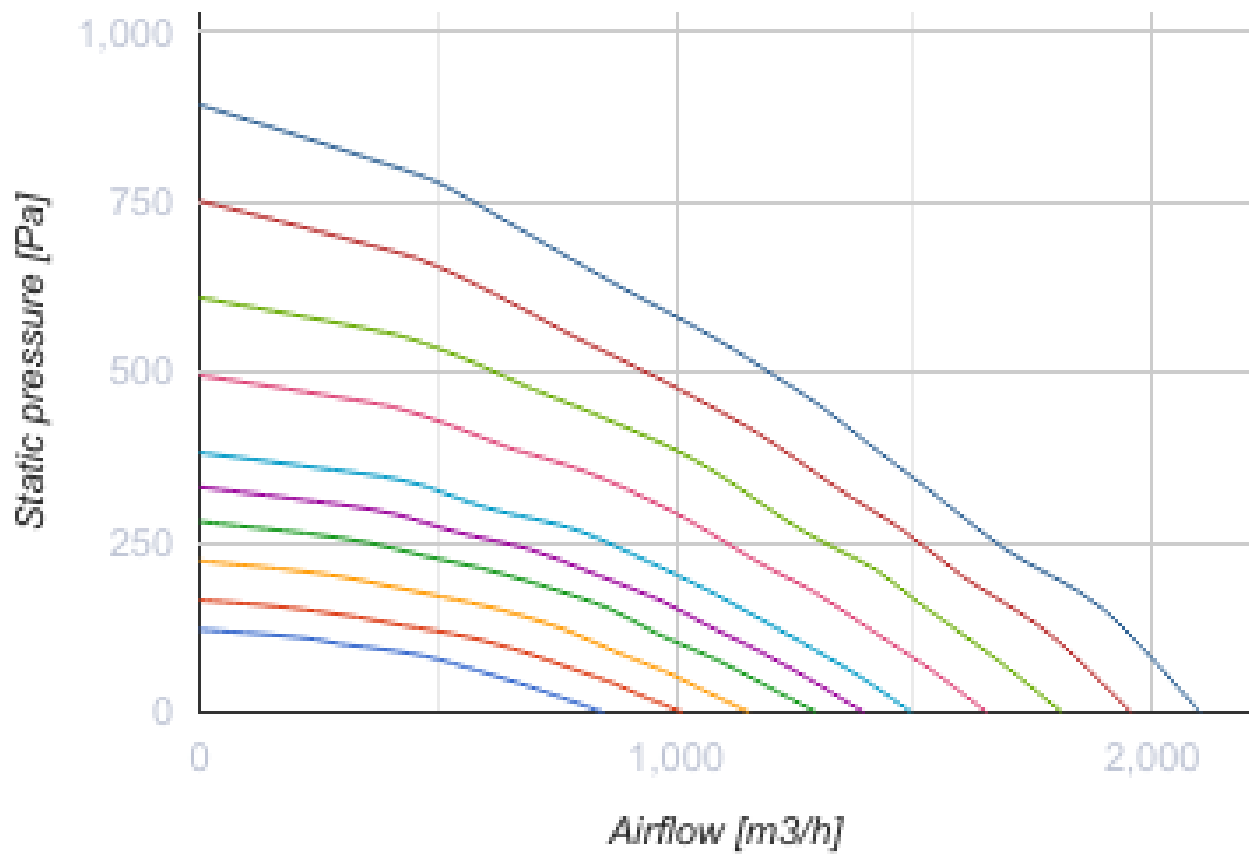


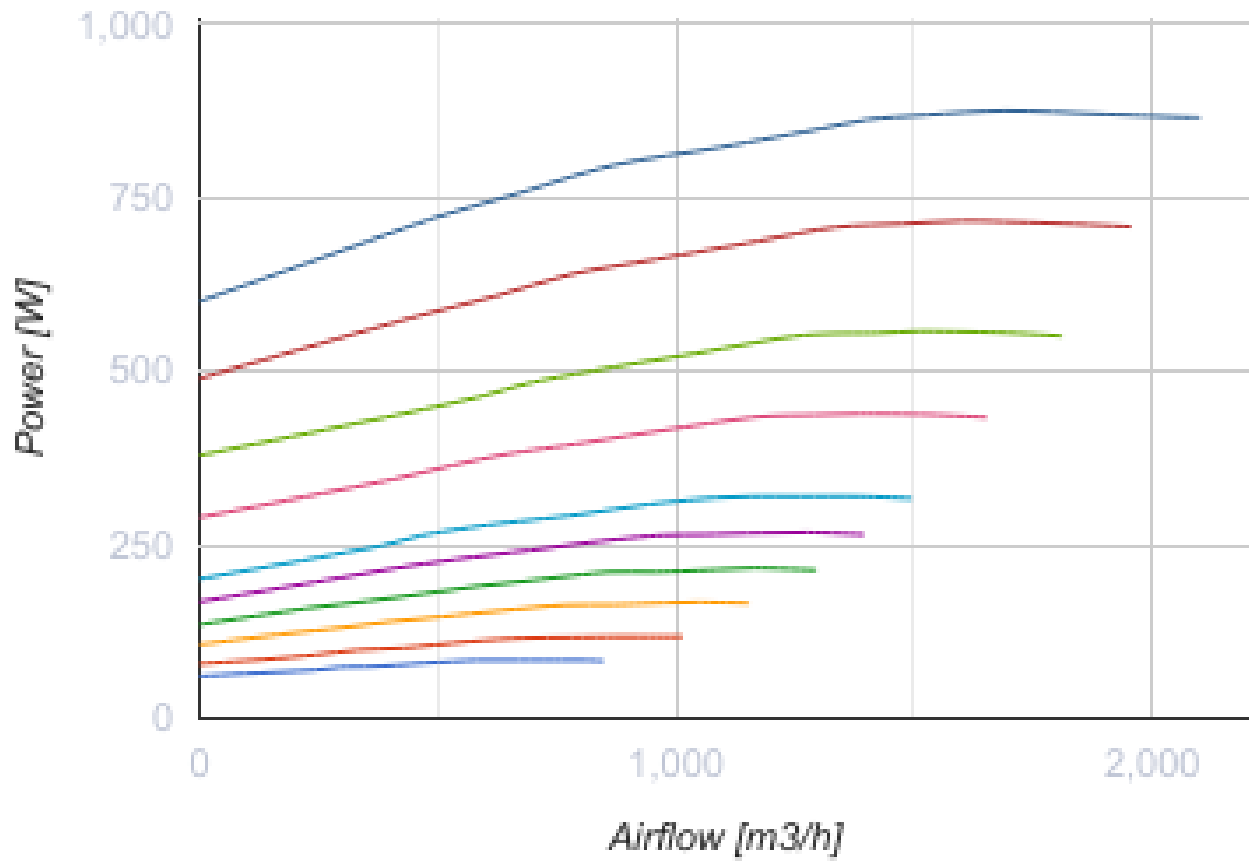
Suspended commercial air handling units with a counterflow polystyrene heat exchanger

- 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
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 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

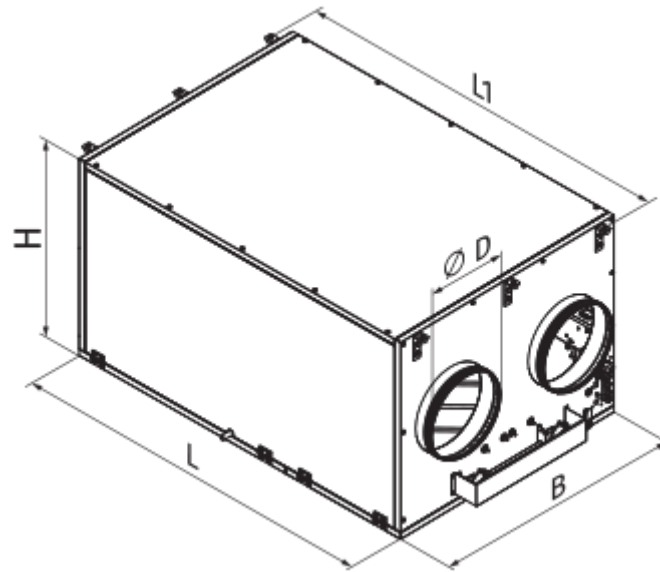
Ambient air temperature min	°C	1
Ambient air temperature max	°C	40
Ambient air humidity max	%	60
Ingress protection rating	-	IP22
Ingress protection rating of the drive	-	IP44








Dimensions

ØD	B	H	L	L1
315	950	762	1400	1452







Accessories


Control Panels for AHU

Name	Photo	Description
A22		Control panels for controlling industrial and residential air handling units
A22 WiFi		Control panels for controlling industrial and residential air handling units
A25		Touch screen control panel for controlling industrial and residential air handling units




Sensors

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



Condensation drainage

Name	Photo	Description
SH-32		Hydraulic U-trap to drain condensate from heat exchangers and coolers


For round ducts

Name	Photo	Description
SR 315/600		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SR 315/900		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SR 315/1200		Silencers made of galvanized steel filled with non-combustible sound-absorbing material

For round ducts

Name	Photo	Description
KOM 315		Backdraught damper with spring-loaded plates for shutting off air flow in round air ducts
KRV 315		Air dampers for automatic air flow control in round 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

Other accessories

Name	Photo	Description
SF 708x480x48 G4		Panel filter G4

Electrical heaters

Name	Photo	Description
NKP 315-3,0-1 A21 V.2		Inline heaters for heat exchanger frost protection

[NKP 315-2,0-1 A21 V.2](#)



Inline heaters for heat exchanger frost protection