

VUT 400 HBE EC A21

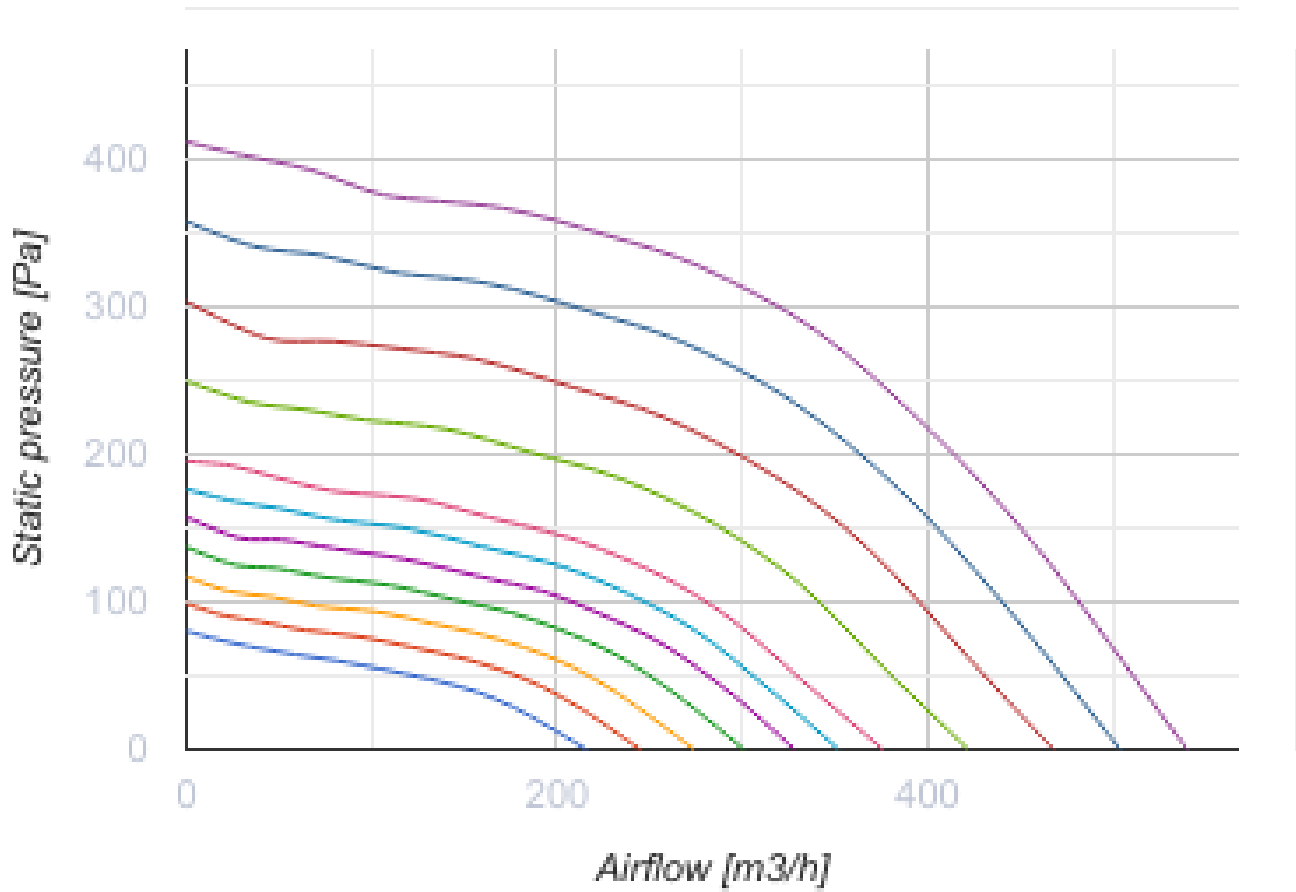
Horizontal air handling units with a counterflow polystyrene or enthalpy heat exchanger

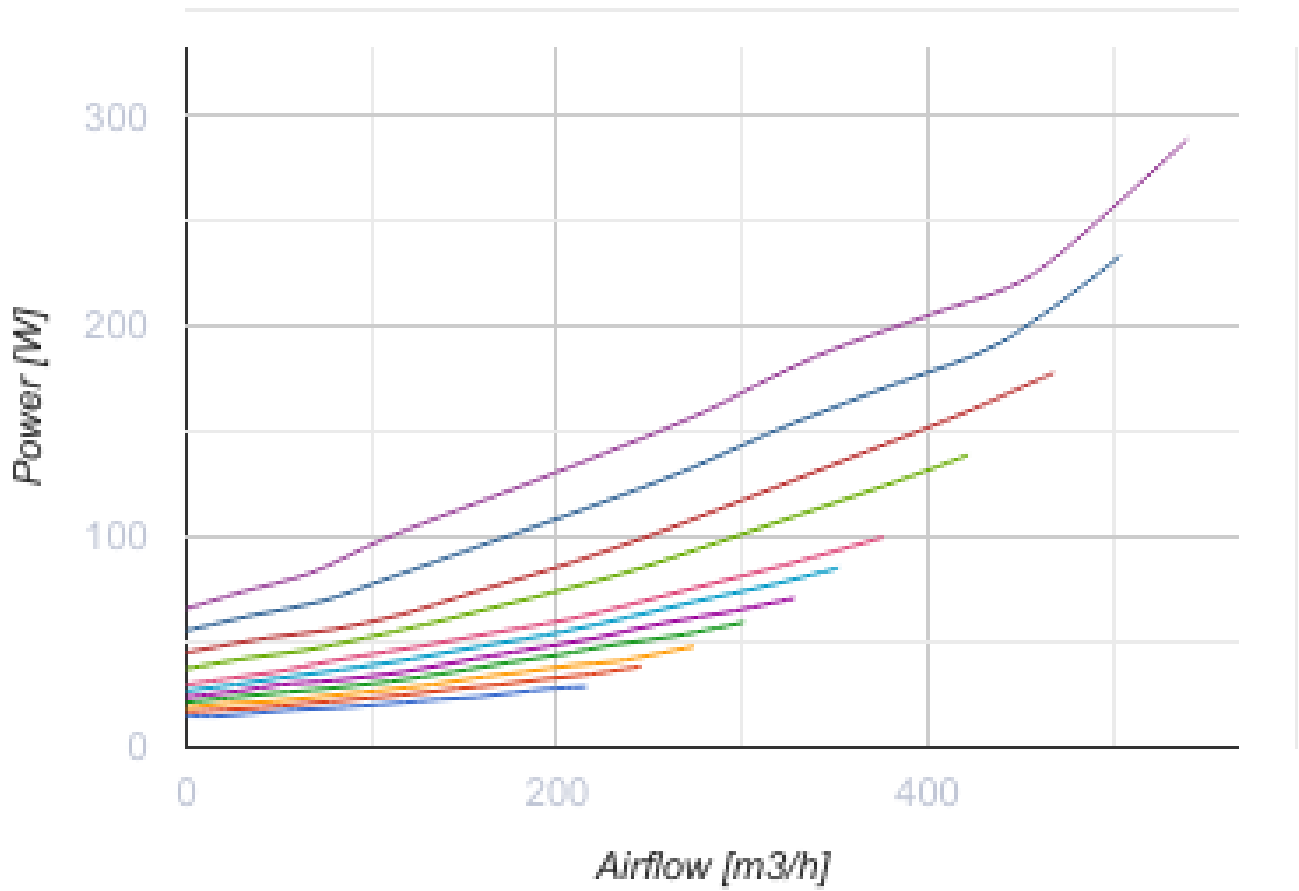


- Power of electrical reheater: 2800
- Maximum airflow: 540
- Sound pressure level LpA at 3 m: 27
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4+F7
- Sound insulation
- Motor type: EC
- Bypass: Auto
- Reheater: Electric
- Preheater: Optional
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Galvanized steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional

	Unit of measurement	VUT 400 HBE EC A21
Connected air duct size	mm	200
Speed	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	289
Power of electrical reheater	W	2800
Unit current	A	14.3
Maximum airflow	m ³ /h	540
Sound pressure level LpA at 3 m	dB(A)	27
Heat recovery efficiency, max	%	98
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Polystyrene
Weight	kg	76
Extract filter	-	G4
Supply filter	-	G4+F7
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	%	80

Ingress protection rating	-	IP22
Ingress protection rating of the drive	-	IP44








Dimensions

ØD	B	B1	B2	H	H1	H2	L	L1
197	682	248	217	504	201	141	1094	1191







Accessories




Control Panels for AHU

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

Electrical heaters



Name	Photo	Description
NKP 200-1,2-1 A21 V.2		Inline heaters for heat exchanger frost protection
NKP 200-1,7-1 A21 V.2		Inline heaters for heat exchanger frost protection
NKP 200-2,0-1 A21 V.2		Inline heaters for heat exchanger frost protection

For round ducts


Name	Photo	Description
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SR 200/600		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SR 200/900		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SR 200/1200		Silencers made of galvanized steel filled with non-combustible sound-absorbing material



For round ducts

Name	Photo	Description
KOM 200		Backdraught damper with spring-loaded plates for shutting off air flow in round air ducts
KRV 200		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 600x205x48 G4		Panel filter G4
SF 600x205x48 F7		F7 panel filter

