

VUE 300 HBE EC A21

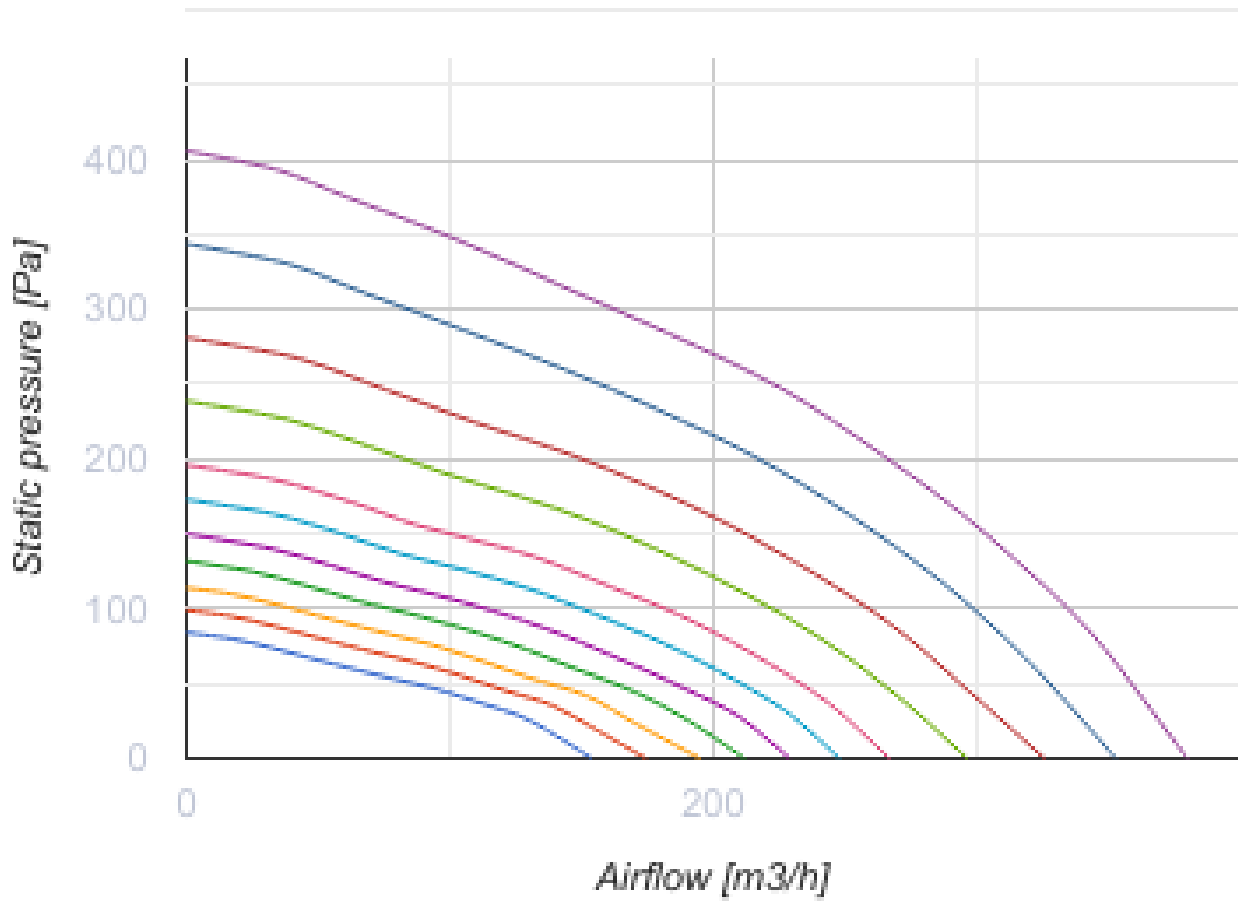


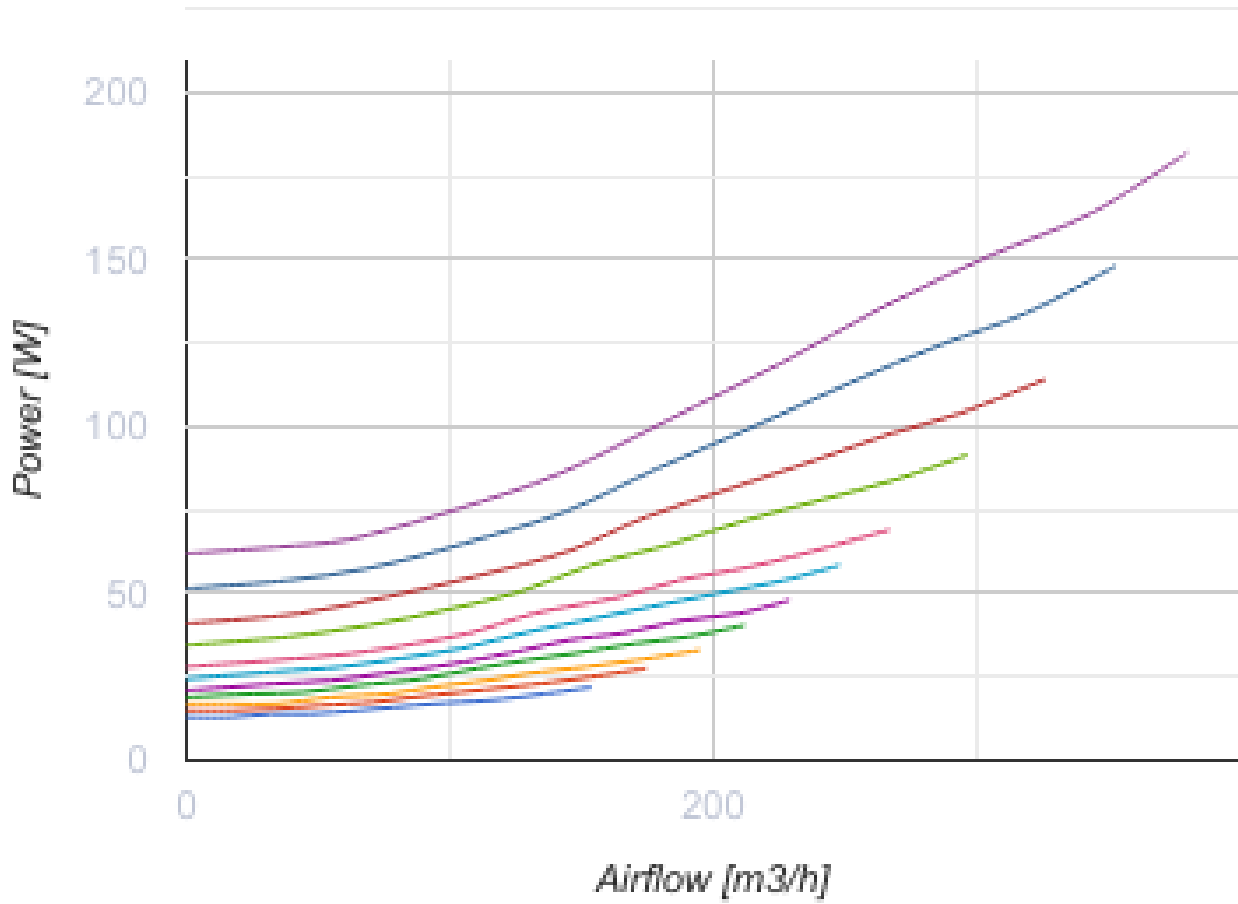
Heat recovery air handling units in sound- and heat-insulated casings equipped with an enthalpy counter-flow heat exchanger

- Power of electrical reheater: 2800
- Maximum airflow: 380
- Sound pressure level LpA at 3 m: 24
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4+F7
- Sound insulation
- Motor type: EC
- Enthalpy heat exchanger
- 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	VUE 300 HBE EC A21
Connected air duct size	mm	160
Speed	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	182
Power of electrical reheater	W	2800
Unit current	A	13.6
Maximum airflow	m ³ /h	380
Sound pressure level LpA at 3 m	dB(A)	24
Heat recovery efficiency, max	%	89
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Enthalpy
Weight	kg	64.3
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

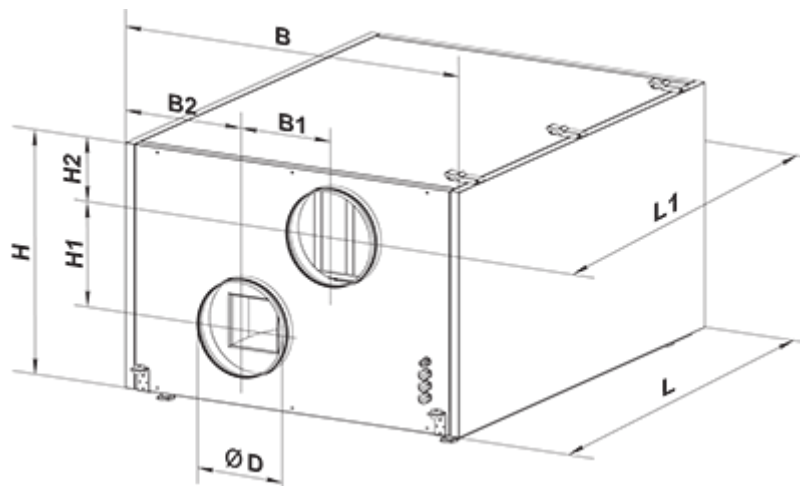
Ingress protection rating	-	IP22
Ingress protection rating of the drive	-	IP44








Dimensions

ØD	B	B1	B2	H	H1	H2	L	L1
157	568	190	189	479	193	118	1083	1180








Accessories



Control Panels for AHU

Name	Photo	Description
A25		The control panel with a sensor display
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.

Sensors





Name	Photo	Description
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

Electrical heaters



Name	Photo	Description
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NKP 160-0,8-1 A21 V.2		Heater for heat exchanger freeze protection
NKP 160-1,2-1 A21 V.2		Heater for heat exchanger freeze protection
NKP 160-1,7-1 A21 V.2		Heater for heat exchanger freeze protection
NKP 160-2,0-1 A21 V.2		Heater for heat exchanger freeze protection

For round ducts


Name	Photo	Description
SR 160/600		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 160/900		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 160/1200		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SRF 160/600		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SRF 160/900		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SRF 160/2000		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 160		Spring-loaded backdraft damper for round ducts
KRV 160		Air damper for air flow cut-off in round air ducts

Condensation drainage



Name	Photo	Description
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DN-2		The drain pump provides extraction and discharge of condensate in ventilation systems
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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 484x178x48 G4		Panel filter G4
SF 484x178x48 F7		F7 panel filter

