

# DVUT 1200 HBE EC R A21 V.2

Floor-mounted single-room air handling units in a heat- and sound-insulated casing



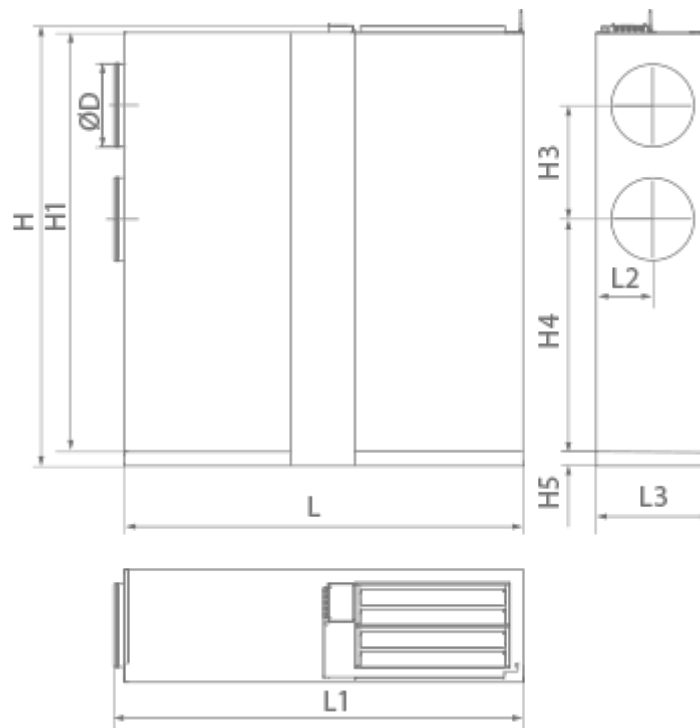
- Power of electrical preheater: 3150
- Maximum airflow: 1240
- Sound pressure level LpA at 3 m: 30
- Sound pressure level LpA at 1 m: 40
- Heat exchanger type: Counter flow
- Extract filter: ISO Coarse >60 % (G4)
- Supply filter: ISO ePM1 60 % (F7)
- Sound insulation
- Motor type: EC
- Bypass: Auto
- Preheater: Electric
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Coated steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- PM2.5 sensor: Optional
- Temperature sensor

	Unit of measurement	DVUT 1200 HBE EC R A21 V.2
Connected air duct size	mm	400
Speed	-	1
Phases	-	3
Minimum supply voltage	V	400
Maximum supply voltage	V	400
Power supply frequency	Hz	50/60
Rated power	W	345
Power of electrical preheater	W	3150
Unit current	A	12
Maximum airflow	m <sup>3</sup> /h	1240
Sound pressure level LpA at 3 m	dB(A)	30
Sound pressure level LpA at 1 m	dB(A)	40
Heat recovery efficiency, max	%	96
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Polystyrene
Weight	kg	358
Extract filter	-	ISO Coarse >60 % (G4)
Supply filter	-	ISO ePM1 60 % (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	%	60
Ingress protection rating	-	IP20
Ingress protection rating of the drive	-	IP44

## Dimensions

H	H1	D	H3	H4	H5	L	L1	L2	L3
2106	2000	400	545	1110	70	1900	1951	265	535




## Accessories

### Metal



Name	Photo	Description
<a href="#">MVMA 400 bVn Al</a>		Supply and exhaust metal grille

### Other accessories







Name	Photo	Description
------	-------	-------------

NB DVUT 1200 HB white		Outer ventilation hood
NB DVUT 1200 HB chrome		Outer ventilation hood


### VOC sensors

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

### Sensors

Name	Photo	Description
<a href="#">DPWC11200</a>		Humidity sensor
<a href="#">HR-S</a>		Electro-mechanical humidistats
<a href="#">CO2-1</a>		CO2 sensors
<a href="#">CO2-2</a>		CO2 sensors
<a href="#">CO2-3</a>		CO2 sensor
<a href="#">HV2</a>		Humidity sensor

### Condensation drainage

Name	Photo	Description
<a href="#">DN-2</a>		The drain pump provides extraction and discharge of condensate in ventilation systems

[SH-32](#)

The hydraulic U-trap for condensate drainage from heat exchangers and coolers in ventilation and air conditioning systems