

# DVUT 500 HBE2 EC A21 V.2



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

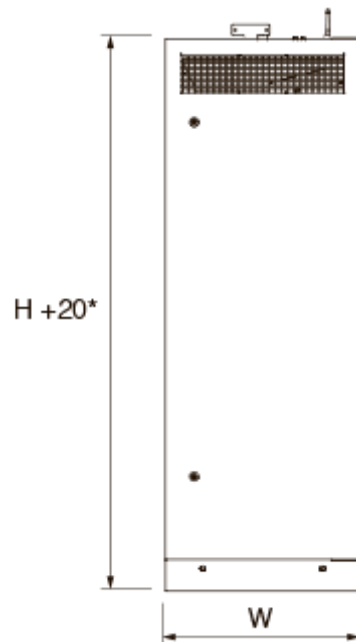
- Power of electrical preheater: 1050
- Power of electrical reheater: 700
- Maximum airflow: 580
- Sound pressure level LpA at 3 m: 38
- Sound pressure level LpA at 1 m: 47
- Heat exchanger type: Counter flow
- Extract filter: ISO Coarse >60% (G4)
- Supply filter: ISO ePM1 60% (F7)
- Sound insulation
- Motor type: EC
- Bypass: Auto
- Reheater: Electric
- Preheater: Electric
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Coated steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional
- Temperature sensor

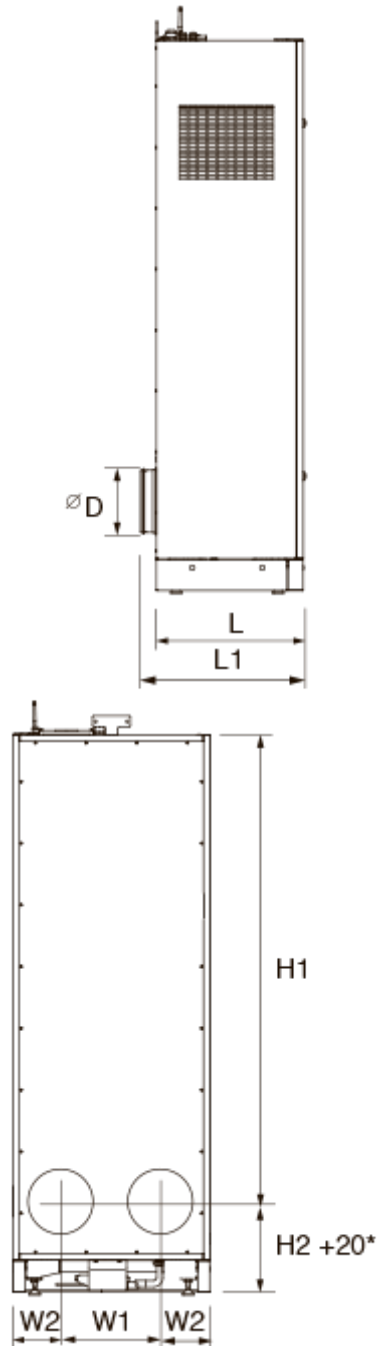
	Unit of measurement	DVUT 500 HBE2 EC A21 V.2
Connected air duct size	mm	250
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	370
Power of electrical preheater	W	1050
Power of electrical reheater	W	700
Unit current	A	13.3
Maximum airflow	m <sup>3</sup> /h	580
Sound pressure level LpA at 3 m	dB(A)	38
Sound pressure level LpA at 1 m	dB(A)	47
Heat recovery efficiency, max	%	94
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Polystyrene
Weight	kg	142
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


W	W1	W2	L	L1	H	H1	H2	D
750	350	200	535	585	2170	1865	305	250





## Accessories

### Other accessories



Name	Photo	Description
<a href="#">MVMA 250 bVn Al</a>		Supply and exhaust metal grille

### Other accessories







Name	Photo	Description
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NB DVUT 500 HB white		Outer ventilation hood
NB DVUT 500 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