

DVUT 500 HBE2 EC A21 V.2



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

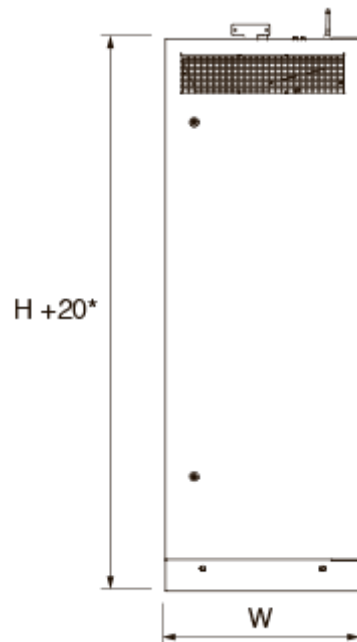
- Power of electrical preheater: 1050
- Power of electrical reheater: 700
- Maximum airflow: 580
- Sound pressure level LpA at 3 m: 38
- Sound pressure level LpA at 1 m: 47
- Heat exchanger type: Counter flow
- Extract filter: ISO Coarse >60% (G4)
- Supply filter: ISO ePM1 60% (F7)
- Sound insulation
- 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

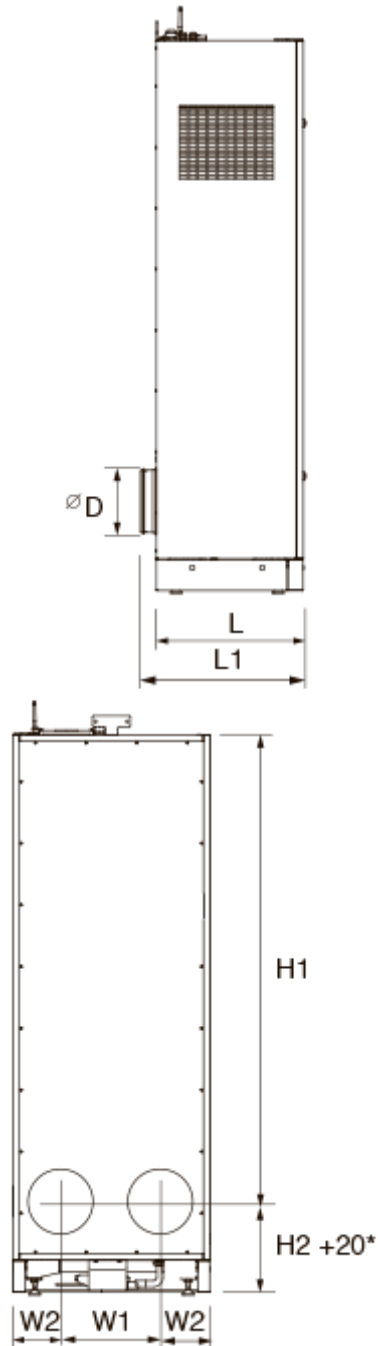
	Unit of measurement	DVUT 500 HBE2 EC A21 V.2
Connected air duct size	mm	250
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	370
Power of electrical preheater	W	1050
Power of electrical reheater	W	700
Unit current	A	13.3
Maximum airflow	m ³ /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

Metal



Name	Photo	Description
MVMA 250 bVn Al		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
DPWQ30600		VOC sensors
DPWQ40200		CO2 sensor

Sensors

Name	Photo	Description
DPWC11200		Humidity sensor
HR-S		Electro-mechanical humidistats
CO2-1		CO2 sensors
CO2-2		CO2 sensors
CO2-3		CO2 sensor
HV2		Humidity sensor

Condensation drainage

Name	Photo	Description
DN-2		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