

DVUT 1200 HBE2 EC R A21 V.2



School floor-mounted AHUs with an air flow of up to 1200 m³/h

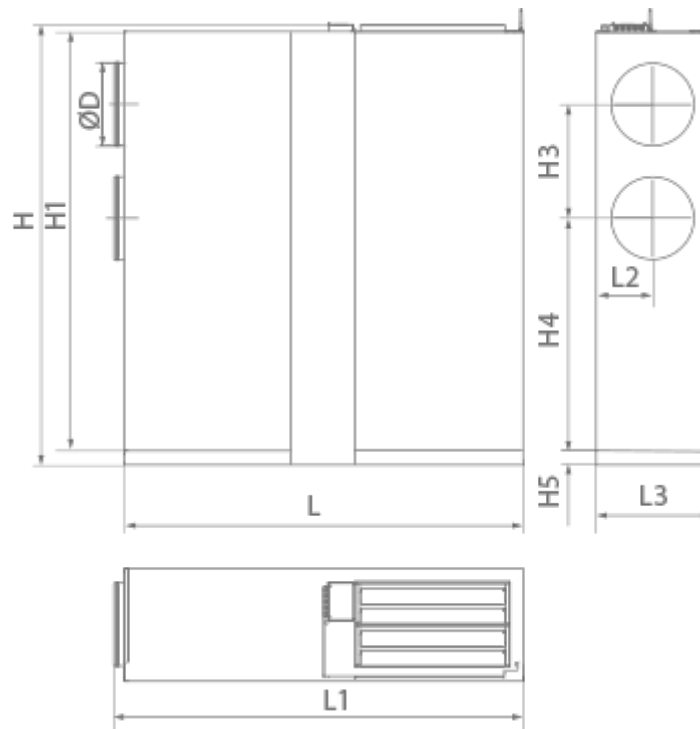
- Power of electrical preheater: 3150
- Power of electrical reheater: 2110
- Maximum airflow: 1240
- Sound pressure level LpA at 3 m: 30
- Sound pressure level LpA at 1 m: 40
- Heat exchanger type: Counter flow
- Extract filter: ISO Coarse >60 % (G4)
- Supply filter: ISO ePM1 60 % (F7)
- Sound insulation
- Motor type: EC
- Bypass: Auto
- 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 1200 HBE2 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
Power of electrical reheater	W	2110
Unit current	A	18.7
Maximum airflow	m ³ /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	364
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
MVMA 400 bVn Al		Supply and exhaust metal grille

Other accessories







Name	Photo	Description
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NB DVUT 1200 HB white		Outer ventilation hood
NB DVUT 1200 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 humidistat
CO2-1		CO2 sensors
CO2-2		CO2 sensors
CO2-3		CO2 sensor
HV2		Humidity sensor

Condensation drainage

Name	Photo	Description
DN-2		Drain pump for pumping out and draining condensation

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Hydraulic U-trap to drain condensate from heat exchangers and coolers