DVUT 1200 HBE2 EC R A21 V.2



School floor-mounted AHUs

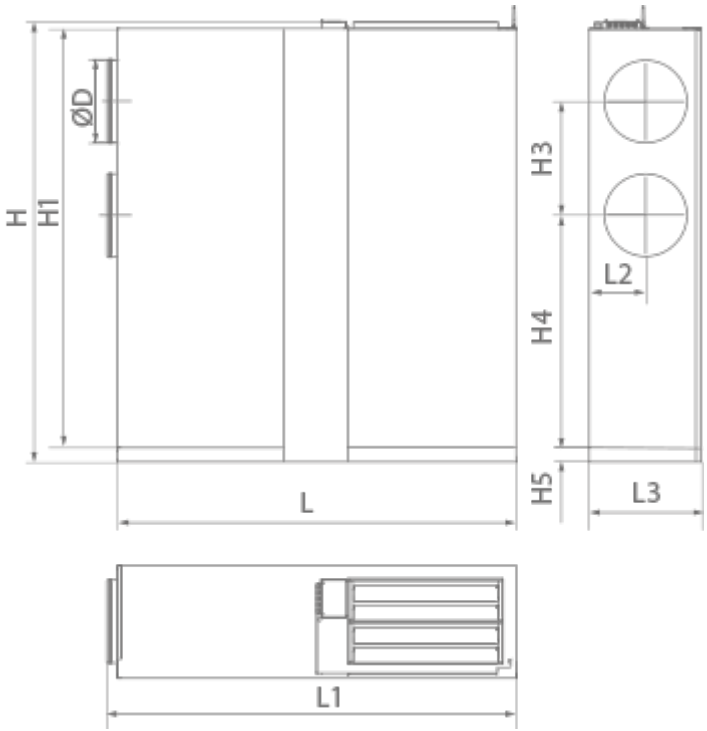
- Power of electrical preheater: 3150
- Power of electrical reheater: 2110
- Sound pressure level LpA at 3 m: 30
- Sound pressure level LpA at 1 m: 40
- Heat exchanger type: Counter flow
- Heat exchanger material: Polystyrene
- Supply filter: ISO ePM1 60 % (F7)
- Extract filter: ISO Coarse >60 % (G4)
- Sound-insulated casing
- Bypass: Auto
- Preheater: Electric
- Reheater: 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 HBE2 EC R A21 V.2
Connected air duct size	mm	400
Phases	-	1
Maximum supply voltage	V	230
Minimum supply voltage	V	230
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	2.3
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	352
Supply filter	-	ISO ePM1 60 % (F7)
Extract filter	-	ISO Coarse >60 % (G4)
Transported air temperature (max)	°C	40

Transported air temperature (min)	°C	-25
Ambient air temperature max	°C	40
Ambient air temperature min	°C	1
Ingress protection rating	-	IP20
Ingress protection rating of the drive	-	IP44
Ambient air humidity max	%	60
Minimum wall thickness	mm	100
Maximum wall thickness	mm	2000

Dimensions

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



Accessories

Sensors

Name	Photo	Description
HV2		Humidity sensor
CO2-1		CO2 sensors

CO2-2		CO2 sensors
HR-S		Electro-mechanical humidistat
DPWC11200		Humidity sensor
CO2-3		CO2 sensor

VOC sensors

Name	Photo	Description
DPWQ30600		VOC sensors
DPWQ40200		CO2 sensor

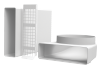
Condensation drainage

Name	Photo	Description
SH-32		Hydraulic U-trap to drain condensate from heat exchangers and coolers
DN-2		Drain pump for pumping out and draining condensation

Metal

Name	Photo	Description
MVMA 400 bVn Al		Supply and exhaust metal grille

Other accessories

Name	Photo	Description
NB DVUT 1200 HB chrome		Outer ventilation hood
NB DVUT 1200 HB white		Outer ventilation hood

SF 540x450x48 F7		F7 panel filter
SF 450x395x48 G4		Panel filter G4