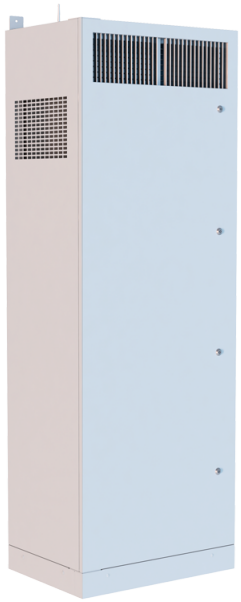
DVUT 300 HBE2 EC A21 V.2



School floor-mounted AHUs

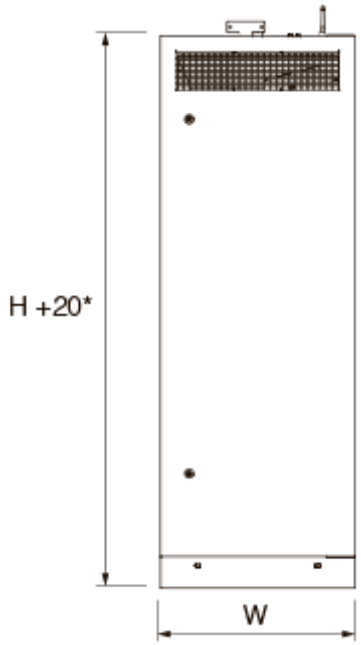
- Power of electrical preheater: 1050
- Power of electrical reheater: 700
- Sound pressure level LpA at 3 m: 37
- Sound pressure level LpA at 1 m: 47
- Heat exchanger type: Counter flow
- Heat exchanger material: Polystyrene
- Supply filter: ISO ePM1 60% (F7)
- Extract filter: ISO Coarse >60% (G4)
- Sound-insulated casing
- Bypass: Auto
- Reheater: Electric
- Preheater: Electric
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Coated steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- PM2.5 sensor: Optional
- Temperature sensor

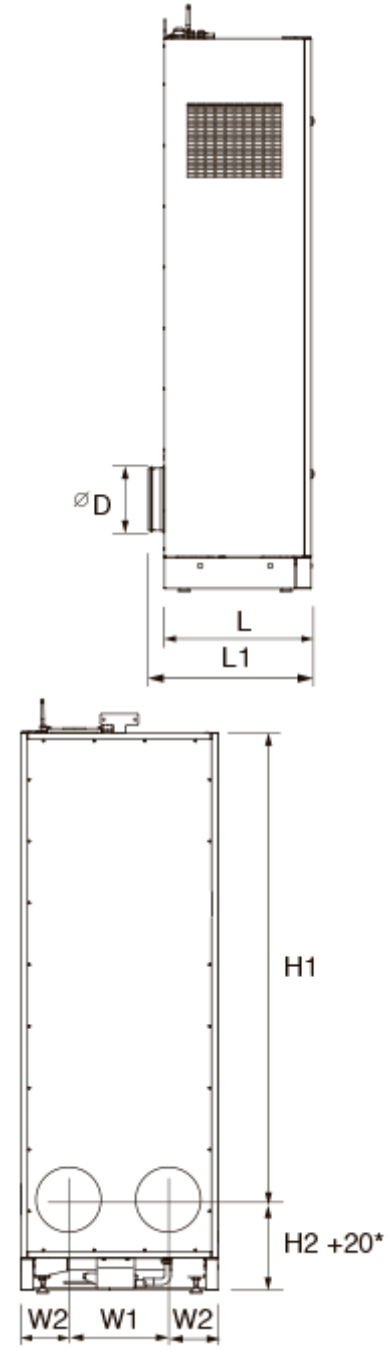
	Unit of measurement	DVUT 300 HBE2 EC A21 V.2
Connected air duct size	mm	200
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	96
Power of electrical preheater	W	1050
Power of electrical reheater	W	700
Unit current	A	0.75
Maximum airflow	m^3/h	320
Sound pressure level LpA at 3 m	dB(A)	37
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	100
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
Ambient air humidity max	%	60
Ingress protection rating of the drive	-	IP44
Minimum wall thickness	mm	100
Maximum wall thickness	mm	2000

Dimensions

W	W1	W2	L	L1	H	H1	H2	D
620	310	155	470	520	1775	1485	285	200





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

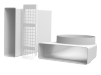
Condensation drainage

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 200 bVn Al		Supply and exhaust metal grille

Other accessories

Name	Photo	Description
NB DVUT 300 HB chrome		Outer ventilation hood
NB DVUT 300 HB white		Outer ventilation hood

SF 203x308x20 G4 (2 pcs.)		Panel filter G4
SF 384x273x60 F7		F7 panel filter