

DVUT 300 PBE2 EC A21 V.2



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

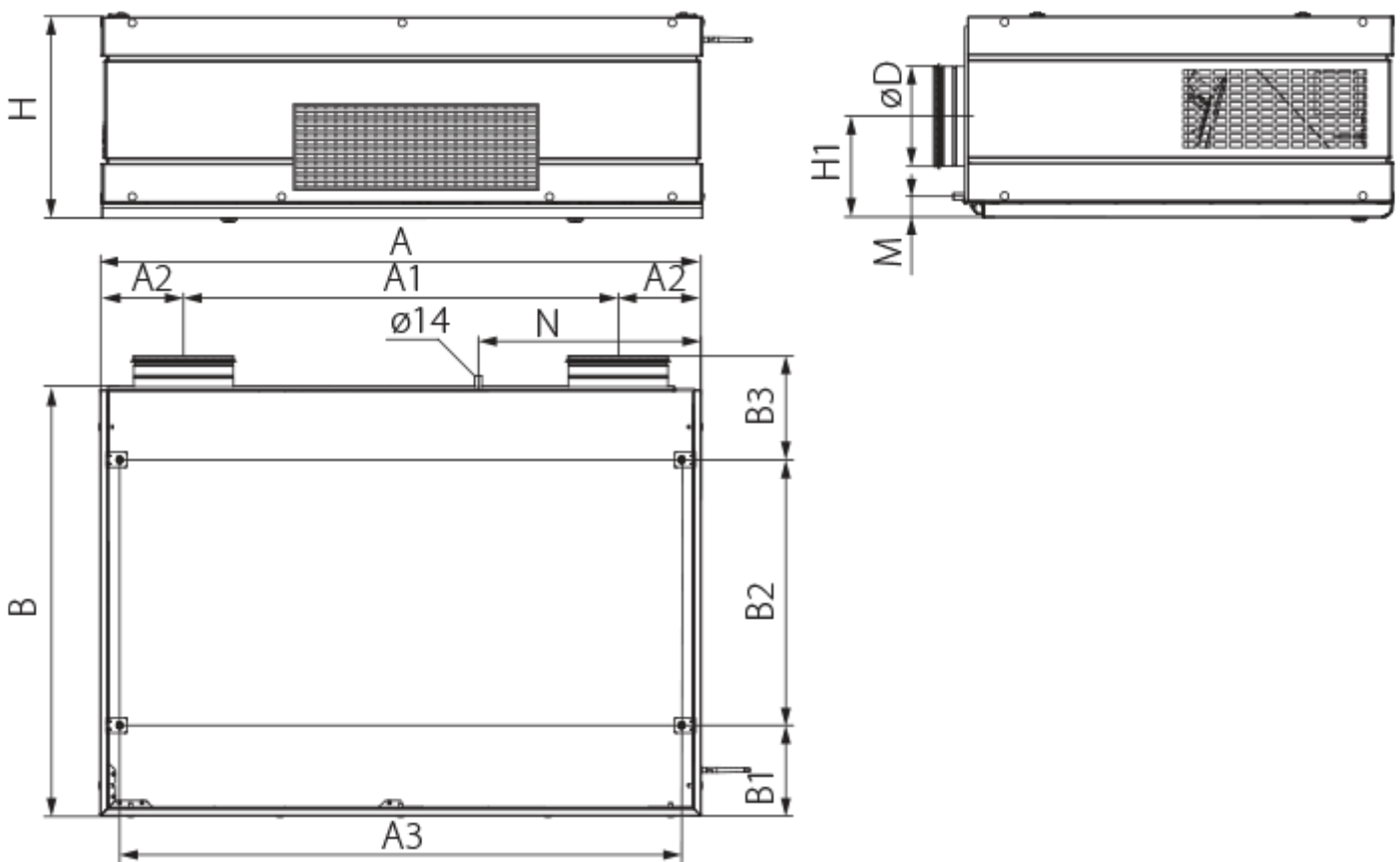
- Power of electrical preheater: 1050
- Power of electrical reheater: 700
- Maximum airflow: 300
- Sound pressure level LpA at 3 m: 34
- Sound pressure level LpA at 1 m: 44
- Heat exchanger type: Counter flow
- Extract filter: ISO Coarse >60% (G4)
- Supply filter: ISO ePM1 60% (F7)
- Sound insulation
- Motor type: EC
- Bypass: Auto
- Reheater: Electric
- Preheater: Electric
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Galvanized steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- Temperature sensor: Built-in

	Unit of measurement	DVUT 300 PBE2 EC A21 V.2
Connected air duct size	mm	200
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	97
Power of electrical preheater	W	1050
Power of electrical reheater	W	700
Unit current	A	0.8
Maximum airflow	m ³ /h	300
Sound pressure level LpA at 3 m	dB(A)	34
Sound pressure level LpA at 1 m	dB(A)	44
Heat recovery efficiency, max	%	92
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Polystyrene
Weight	kg	80
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

∅D	A	A1	A2	A3	B	B1	B2	B3	H	H1	N	M
200	1200	867	166	1122	850	181	530	207	402	202	445	41









Accessories

Condensation drainage



Name	Photo	Description
SH-32		The hydraulic U-trap for condensate drainage from heat exchangers and coolers in ventilation and air conditioning systems
DN-2		The drain pump provides extraction and discharge of condensate in ventilation systems

DN-2-DVUT P		Drain pump kit box
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Sensors

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

VOC sensors

Name	Photo	Description
DPWQ30600		VOC sensors
DPWQ40200		CO2 sensor

Metal

Name	Photo	Description
MVMA 200.bVn.AI		Supply and exhaust metal grille