

DVUT 1000 PBE EC A21 V.2



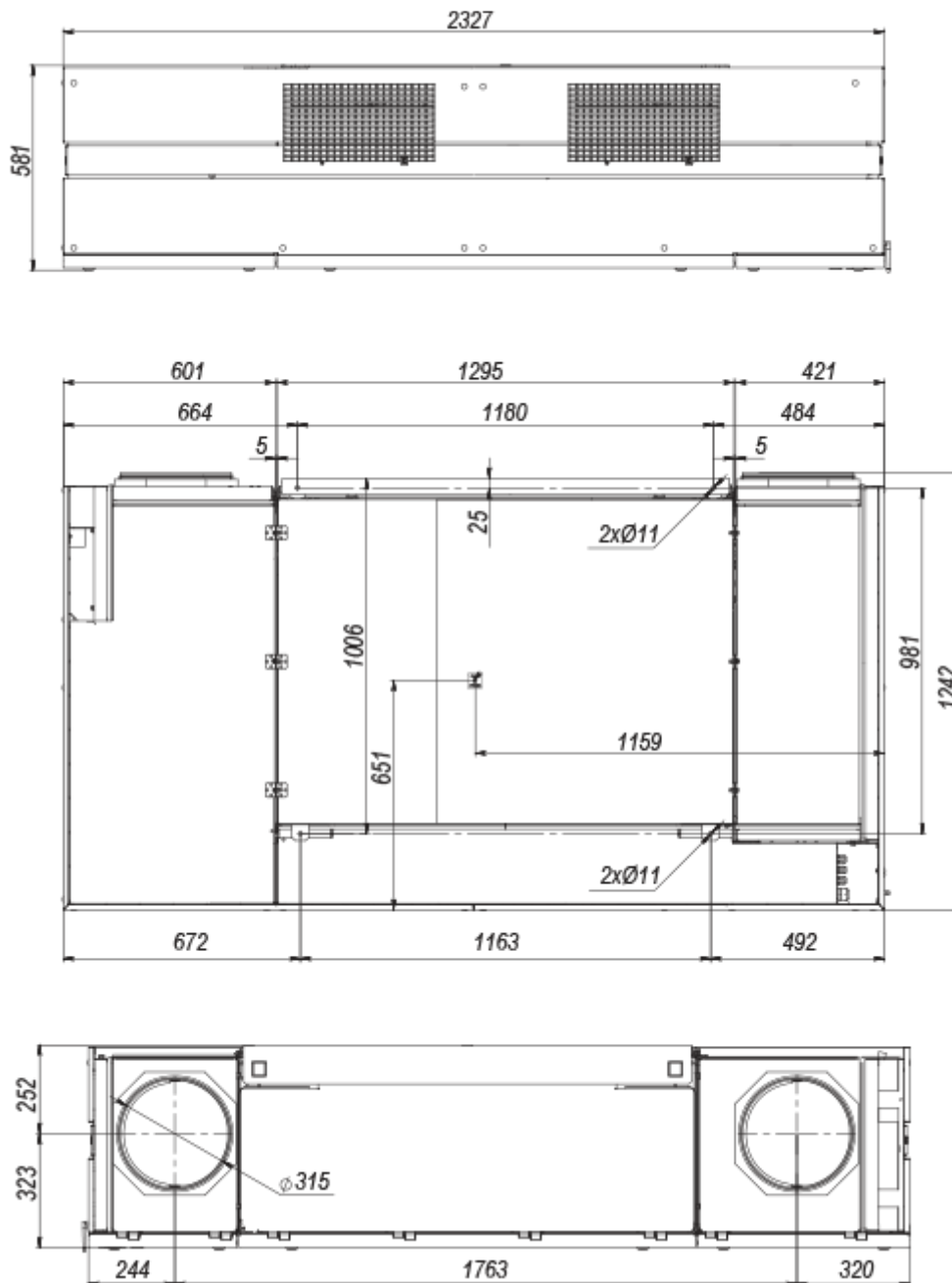
Suspension-mounted single-room air handling units in a heat- and sound insulated casing

- Power of electrical preheater: 3150
- Maximum airflow: 1000
- Sound pressure level LpA at 3 m: 24
- Sound pressure level LpA at 1 m: 34
- 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
- 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 1000 PBE EC A21 V.2
Connected air duct size	mm	315
Minimum supply voltage	V	400
Maximum supply voltage	V	400
Power supply frequency	Hz	50/60
Rated power	W	250
Power of electrical preheater	W	3150
Unit current	A	1.85
Maximum airflow	m ³ /h	1000
Sound pressure level LpA at 3 m	dB(A)	24
Sound pressure level LpA at 1 m	dB(A)	34
Heat recovery efficiency, max	%	93
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Polystyrene
Weight	kg	271
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









Accessories



VOC sensors

Name	Photo	Description
DPWQ30600		VOC sensors
DPWQ40200		CO2 sensor


Sensors

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

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

Metal

Name	Photo	Description
MVMA 315_bVn_Al		Supply and exhaust metal grille