

# DVUT 1000 PBE2 EC A21 V.2

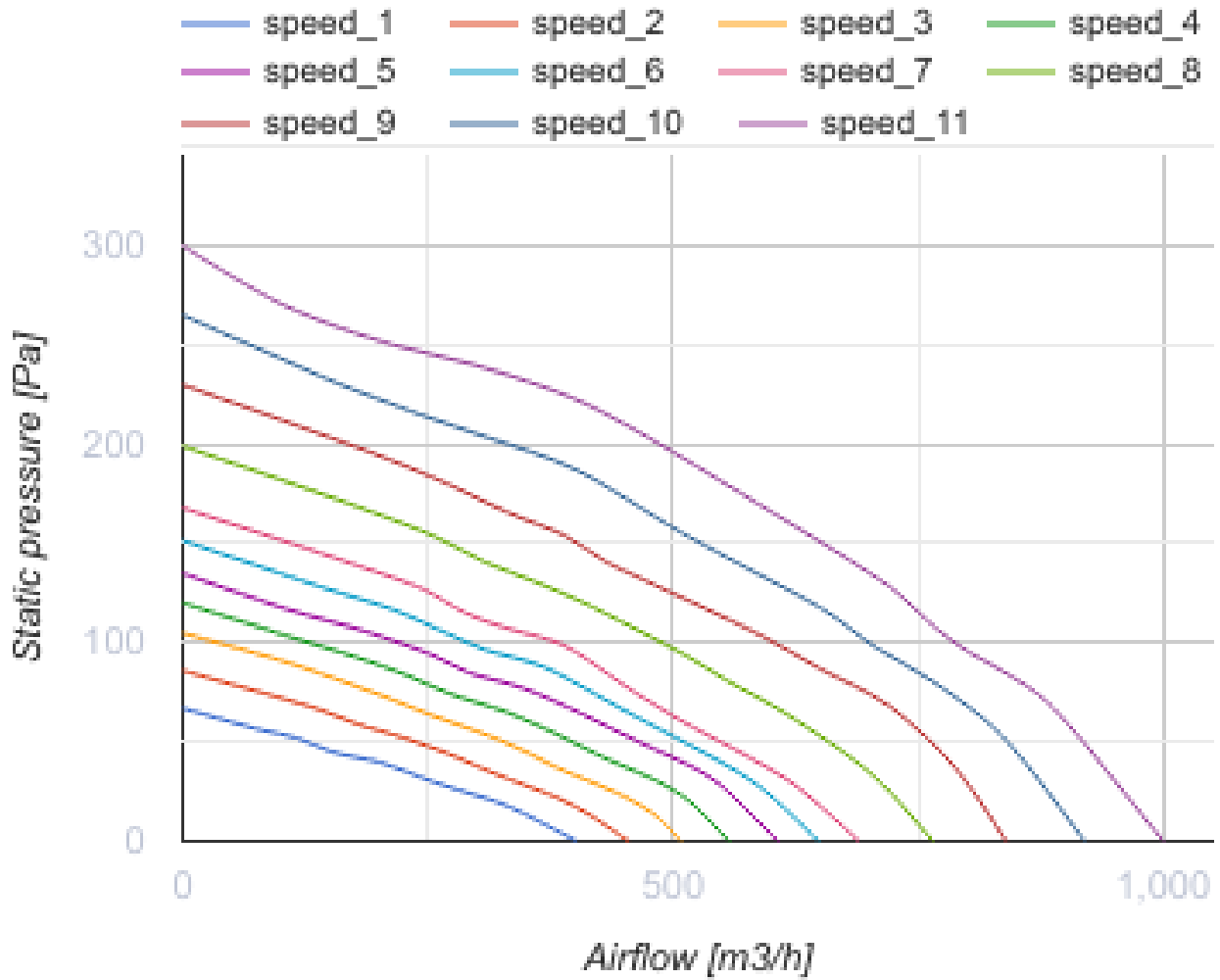


School suspended AHUs with an air flow of up to 1000 m<sup>3</sup>/h

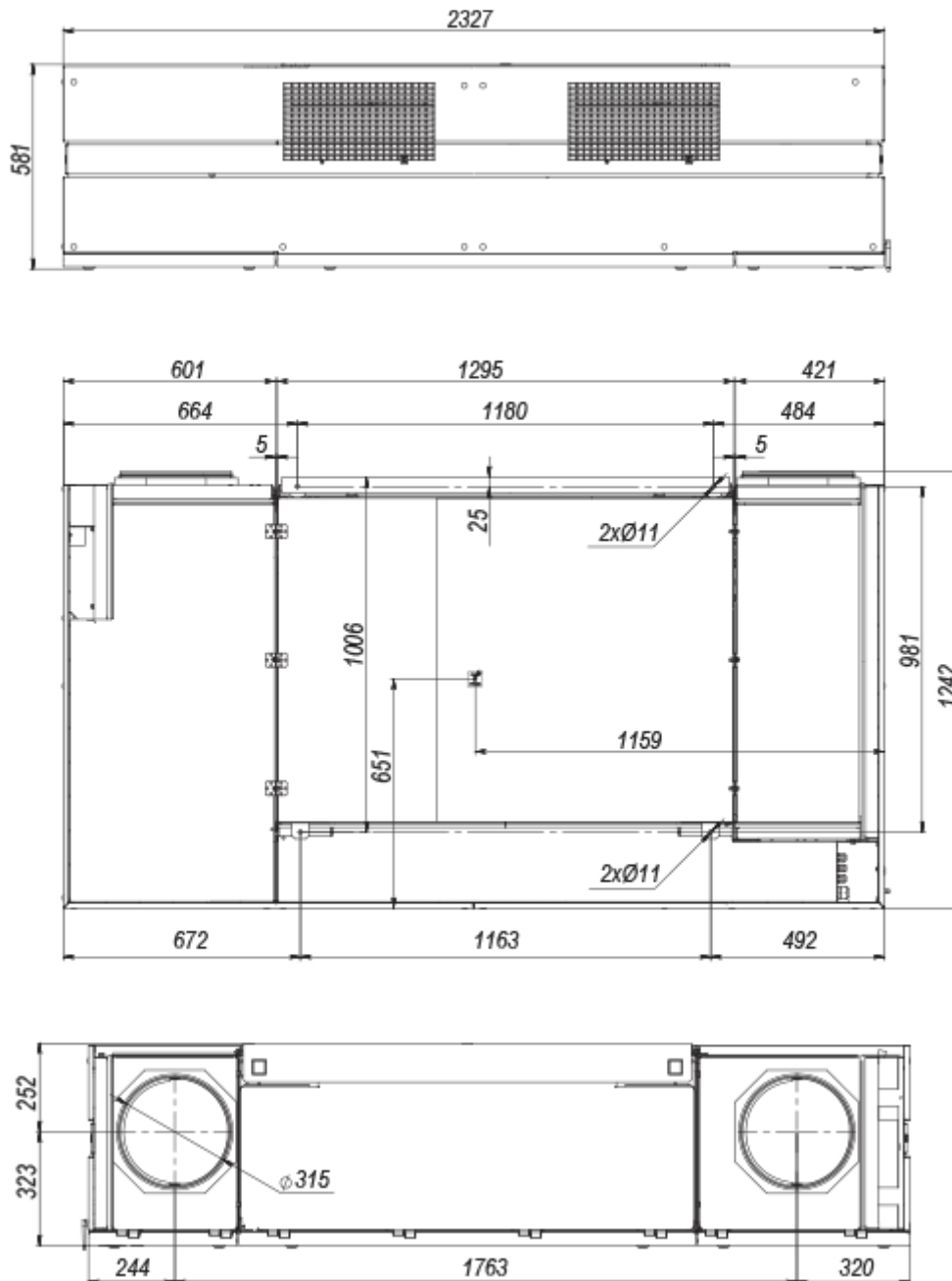
- Power of electrical preheater: 3150
- Power of electrical reheater: 2100
- Maximum airflow: 1000
- Sound pressure level LpA at 3 m: 24
- Sound pressure level LpA at 1 m: 34
- Heat exchanger type: Counter flow
- Extract filter: ISO Coarse >60% (G4)
- Supply filter: ISO ePM1 60% (F7)
- Sound insulation
- Motor type: EC
- Bypass: Auto
- Reheater: Electric
- 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 1000 PBE2 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
Power of electrical reheater	W	2100
Unit current	A	1.85
Maximum airflow	m <sup>3</sup> /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	275
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
<a href="#">DPWQ30600</a>		VOC sensors
<a href="#">DPWQ40200</a>		CO2 sensor

### Sensors

Name	Photo	Description
<a href="#">DPWC11200</a>		Humidity sensor
<a href="#">CO2-3</a>		CO2 sensor
<a href="#">CO2-1</a>		CO2 sensors
<a href="#">CO2-2</a>		CO2 sensors
<a href="#">HR-S</a>		Electro-mechanical humidistat
<a href="#">HV2</a>		Humidity sensor

### Condensation drainage

Name	Photo	Description
<a href="#">DN-2</a>		Drain pump for pumping out and draining condensation
<a href="#">SH-32</a>		Hydraulic U-trap to drain condensate from heat exchangers and coolers

### Metal

Name	Photo	Description
<a href="#">MVMA 315 bVn Al</a>		Supply and exhaust metal grille