DVUE 800 PBE EC A21 V.2



School suspended AHUs

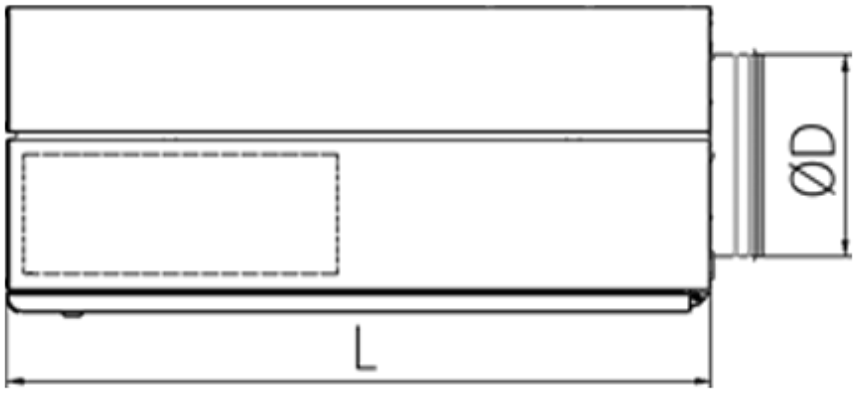
- Heat exchanger type: Counter flow
- Heat exchanger material: Enthalpy
- Supply filter: ISO ePM1 55% (F7)
- Extract filter: ISO Coarse > 60% (G4)
- Sound-insulated casing
- Enthalpy heat exchanger
- Bypass: Auto
- Preheater: Built-in
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Coated steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- PM2.5 sensor: Optional
- Temperature sensor: Built-in

	Unit of measurement	DVUE 800 PBE EC A21 V.2
Connected air duct size	mm	315
Phases	-	1
Maximum supply voltage	V	230
Minimum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	314
Unit current	A	2.2
Maximum airflow	m³/h	850
Heat recovery efficiency, max	%	81
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Enthalpy
Weight	kg	197
Supply filter	-	ISO ePM1 55% (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

Dimensions

D	H	H1	L	W
315	475	270	1100	1910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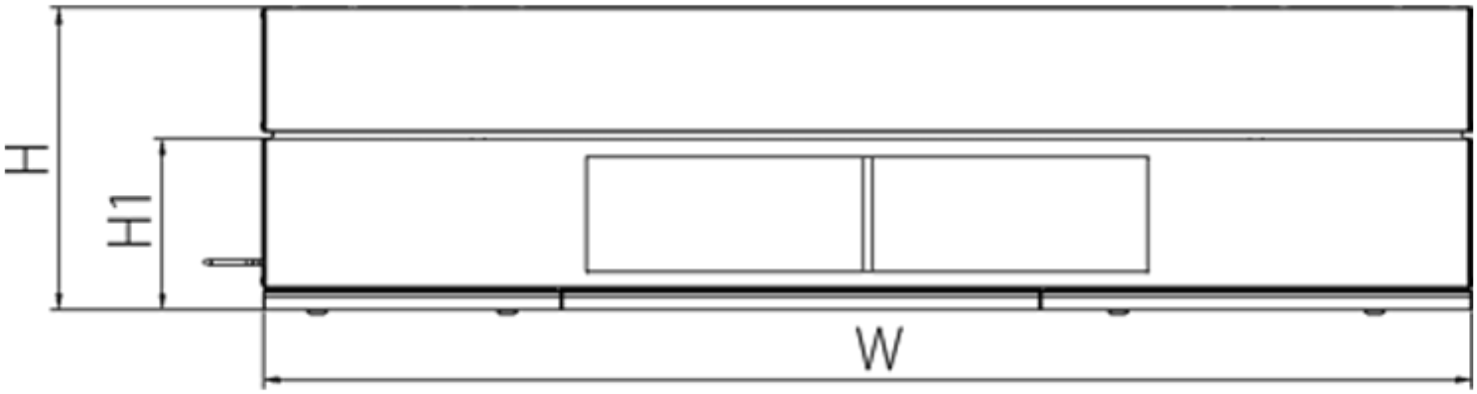

Accessories

Control Panels for AHU

Name	Photo	Description

A25		Touch screen control panel for controlling industrial and residential air handling units
A22		Control panels for controlling industrial and residential air handling units
A22 WiFi		Control panels for controlling industrial and residential air handling units

Sensors

Name	Photo	Description
HV2		Humidity sensor
CO2-3		CO2 sensor

VOC sensors

Name	Photo	Description
DPWQ30600		VOC sensors

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 315 bVn Al		Supply and exhaust metal grille

Other accessories

Name	Photo	Description

SF 397x390x48 G4		Panel filter G4
SF 397x390x48 F7		F7 panel filter