

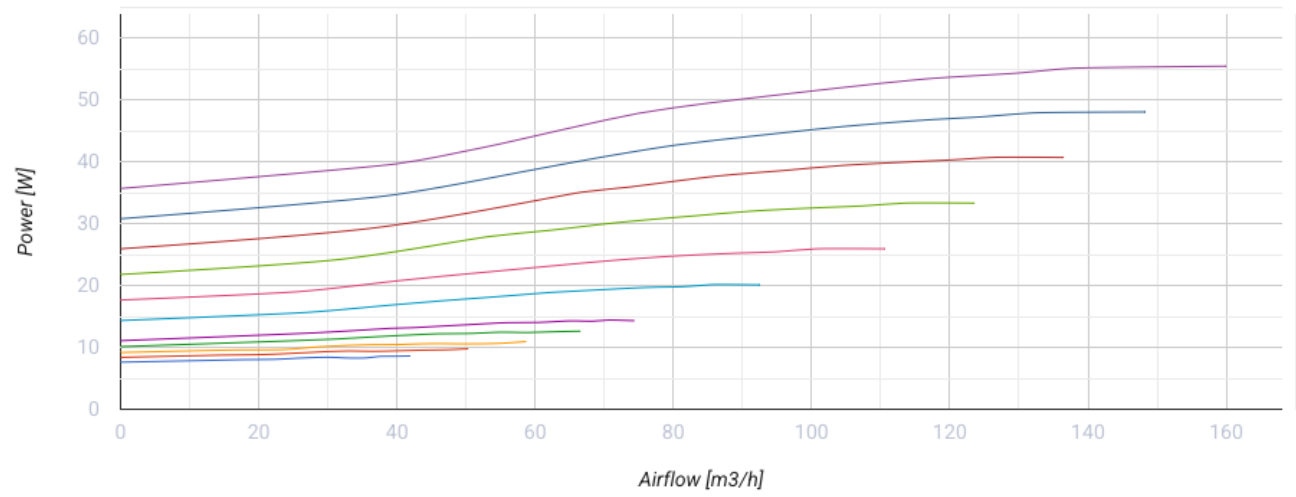
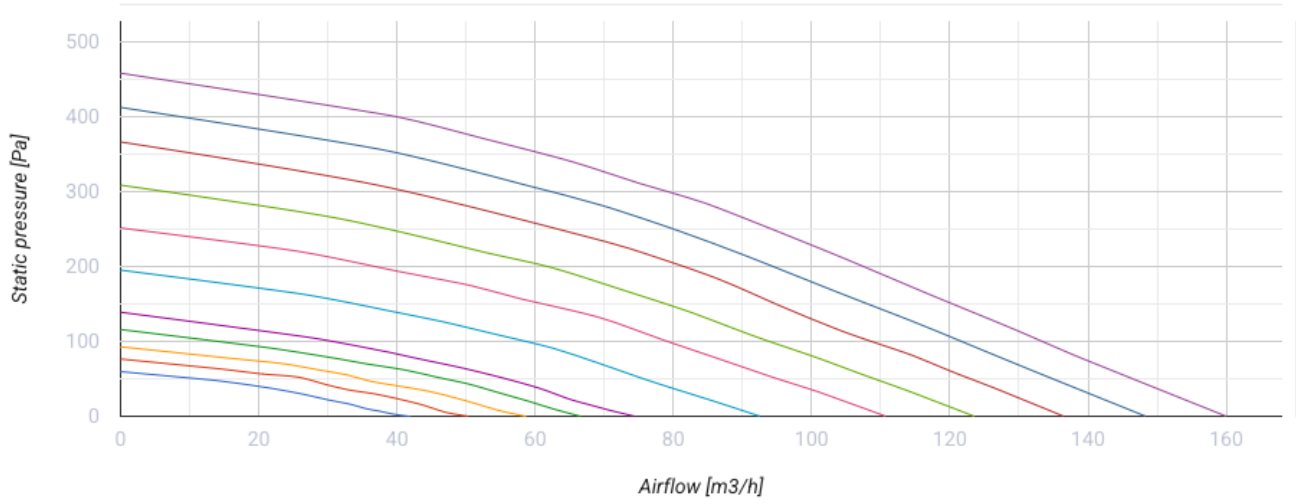
Uni ERV R A21



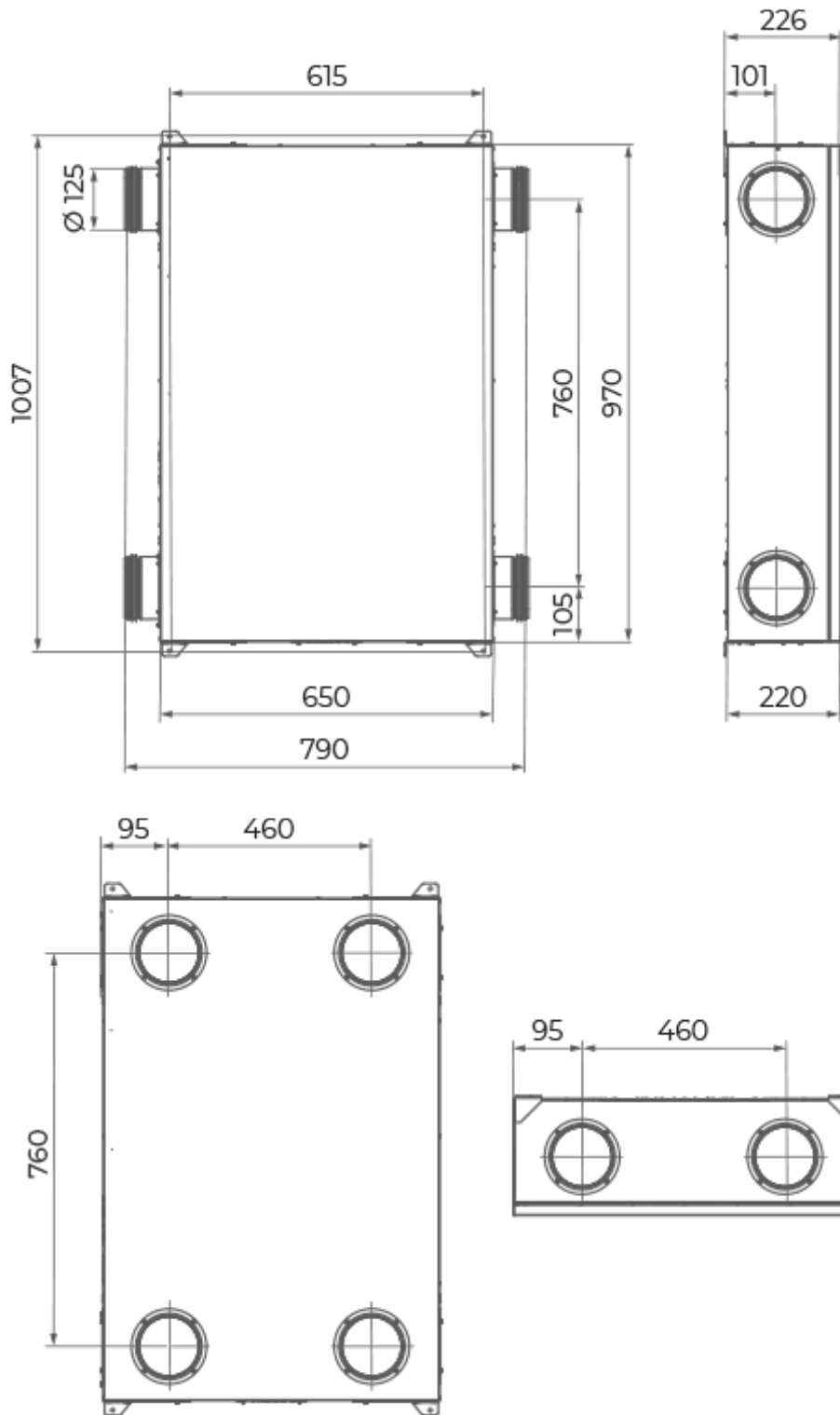
Centralised ventilation unit for small apartments

- Maximum airflow: 160
- Sound pressure level LpA at 3 m: 33
- Sound pressure level LpA at 1 m: 42
- Heat exchanger type: Counter flow
- Extract filter: Coarse 90% / G4
- Supply filter: ePM1 70% / F7 (G4 option)
- Sound insulation
- Motor type: EC
- Enthalpy heat exchanger
- Bypass: Auto
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Galvanized steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional
- Temperature sensor: Built-in

	Unit of measurement	Uni ERV R A21		
Connected air duct size	mm	125		
Speed	-	3		
Minimum supply voltage	V	230		
Maximum supply voltage	V	230		
Power supply frequency	Hz	50/60		
Rated power	W	58		
Unit current	A	0.5		
Maximum airflow	m ³ /h	60	90	160
Sound pressure level LpA at 3 m	dB(A)	33		
Sound pressure level LpA at 1 m	dB(A)	42		
Heat recovery efficiency, max	%	89		
Heat exchanger type	-	Counter flow		
Heat exchanger material	-	Enthalpy		
Weight	kg	31		
Extract filter	-	Coarse 90% / G4		
Supply filter	-	ePM1 70% / F7 (G4 option)		
Transported air temperature (max)	°C	40		
Transported air temperature (min)	°C	-25		



Dimensions





Accessories

Other accessories

Name	Photo	Description
SF 233x175x22 G4		Panel filter G4

SF 233x175x22 F7		F7 panel filter
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Other accessories

Name	Photo	Description
A22		The A22/A22 WiFi control panels are used for control of industrial and domestic air handling units with an A21 automation system.
A22 WiFi		The A22/A22 WiFi control panels are used for control of industrial and domestic air handling units with an A21 automation system.

Control Panels for AHU

Name	Photo	Description
A25		The control panel with a sensor display

Sensors




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

VOC sensors

Name	Photo	Description
DPWQ30600		VOC sensors

DPWQ40200		CO2 sensor
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Electrical heaters

Name	Photo	Description
NKD 125-0,6-1 A21 V.2		Duct heater for supply air post-heating with external control
NKD 125-0,8-1 A21 V.2		Duct heater for supply air post-heating with external control
NKD 125-1,2-1 A21 V.2		Duct heater for supply air post-heating with external control