

KOMFORT EC LBE 400-E S21

Heat recovery air handling units



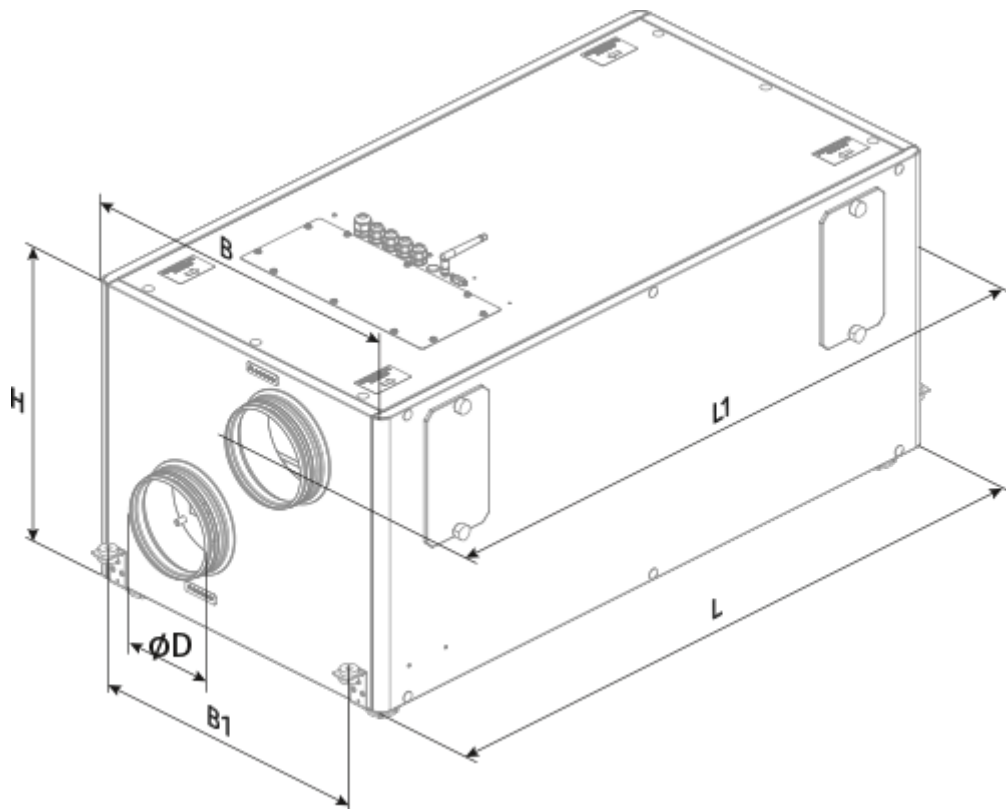
- Power of electrical reheater: 2800
- Maximum airflow: 540
- Sound pressure level LpA at 3 m: 27
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4 + F7
- Sound insulation
- Motor type: EC
- Enthalpy heat exchanger
- Bypass: Auto
- Reheater: Electric
- Preheater: Optional
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Aluzinc steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional


	Unit of measurement	KOMFORT EC LBE 400-E S21
Connected air duct size	mm	200
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	289
Power of electrical reheater	W	2800
Unit current	A	14.3
Maximum airflow	m ³ /h	540
Sound pressure level LpA at 3 m	dB(A)	27
Heat recovery efficiency, max	%	89
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Enthalpy
Weight	kg	76
Extract filter	-	G4
Supply filter	-	G4 + 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	-	IP22
Ingress protection rating of the drive	-	IP44




Dimensions

Ø D	B	B1	H	L	L1
197	682	596	504	1094	1191




Name	Photo	Description
FP 600x205x48 G4		G4 panel filter
FP 600x205x48 F7		F7 panel filter



Control Panels

Name	Photo	Description
S22		Control panels
S22 Wi-Fi		Control panels
S25		LCD control panel

Humidity sensors




Name	Photo	Description
FS2		Humidity sensor

CO2 sensors




Name	Photo	Description
CD-1		CO2 sensors
CD-2		CO2 sensors

Electrical heaters


Name	Photo	Description
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EVH 200-1.2-1 S21 V.2		Electric duct preheater for heat exchanger freeze protection
EVH 200-1.7-1 S21 V.2		Electric duct preheater for heat exchanger freeze protection
EVH 200-2.0-1 S21 V.2		Electric duct preheater for heat exchanger freeze protection


For round ducts

Name	Photo	Description
SD 200/600		Silencers for round ducts
SD 200/900		Silencers for round ducts
SD 200/1200		Silencers for round ducts

Condensation drainage

Name	Photo	Description
CP-2		Drain pump

Electric actuators

Name	Photo	Description
Belimo TF230		Electric actuators