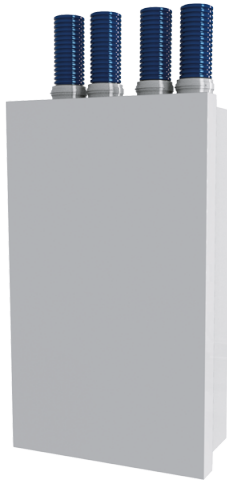


Micra 110 V1 ERV



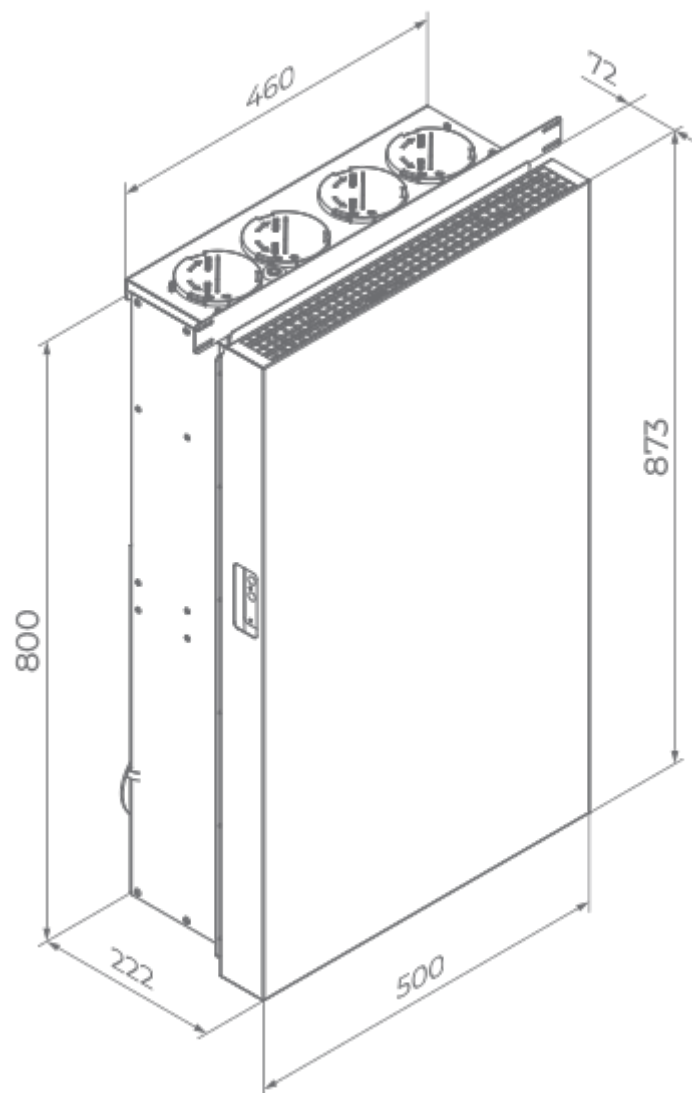
Decentralized supply and exhaust unit with heat recovery. Air flow: up to 100 m³/h

- Maximum airflow: 100
- Sound pressure level LpA at 3 m: 31
- Sound pressure level LpA at 1 m: 40
- Heat recovery efficiency: 85
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4 опция: F7, G4 option: F7
- Sound insulation
- Motor type: EC
- Enthalpy heat exchanger
- Control: Built-in control panel
- Casing material: Galvanized steel
- Humidity sensor: Built-in
- Temperature sensor: Built-in

	Unit of measurement	Micra 110 V1 ERV		
Connected air duct size	mm	100		
Speed	-	3		
Minimum supply voltage	V	230		
Maximum supply voltage	V	230		
Power supply frequency	Hz	50/60		
Rated power	W	10	15	31
Unit current	A	0.26		
Maximum airflow	m ³ /h	30	60	100
Sound pressure level LpA at 3 m	dB(A)	10	21	31
Sound pressure level LpA at 1 m	dB(A)	20	30	40
Heat recovery efficiency	%	85	80	72
Heat exchanger type	-	Counter flow		
Heat exchanger material	-	Enthalpy		
Weight	kg	23		
Extract filter	-	G4		
Supply filter	-	G4 опция: F7, G4 option: F7		
Transported air temperature (max)	°C	40		
Transported air temperature (min)	°C	-15		
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
ErP compliance	-	2016, 2018
Cold - Specific energy consumption (SEC)	kWh/(m ² /a)	76.6
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m ² /a)	39.5
SEC Class Average	-	A
Warm - Specific energy consumption (SEC)	kWh/(m ² /a)	15.6
SEC Class Warm	-	E
Unit category	-	RVU
Type of ventilation unit	-	Bidirectional
Type of drive installed	-	3-speed
Type of heat recovery system	-	Recuperative
Thermal efficiency of heat recovery	%	80
Maximum flow rate	m ³ /h	100
Electric power input	W	30.6
Reference flow rate	m ³ /s	0.017
Specific power input (SPI)	W/(m ³ /h)	0.252
Control typology	-	Local demand control
Maximum internal leakage rates	%	1.7
Maximum external leakage rates	%	4.7
Mixing rate	%	1
Airflow sensitivity at +20 Pa and -20 Pa	%	0
Cold - The annual electricity consumption (AEC)	kWh/a	764
Average - The annual electricity consumption (AEC)	kWh/a	227
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	182
Cold - The annual heating saved (AHS)	kWh/a	8695
The annual heating saved (AHS) Average	kWh/a	4445
The annual heating saved (AHS) Warm	kWh/a	2010
Declared typology	-	RVU BVU
Sound power level	dB(A)	41










Dimensions







Accessories

Other accessories

Name	Photo	Description
SF 176x160x22 G4		Panel filter G4
SF 203x150x22 G4		Panel filter G4
SF 203x150x22 F7		F7 panel filter
MK Micra 110		Mounting kit: Two plastic air ducts; Outdoor box; Cardboard template

MK Micra 110 chrome		Mounting kit: Two plastic air ducts; Outdoor box; Cardboard template
MK Micra 110 white		Mounting kit: Two plastic air ducts; Outdoor box; Cardboard template
MK1 Micra 110		Mounting kit for corner mounting of the grille in the window opening
MK1 Micra 110 chrome		Mounting kit for corner mounting of the grille in the window opening
MK1 Micra 110 white		Mounting kit for corner mounting of the grille in the window opening
NB Micra 110		Outdoor box
NB Micra 110 chrome		Outdoor box
NB Micra 110 white		Outdoor box
NE Micra 100		Heater to prevent condensate freezing in the drain pipe and the outdoor box

Sensors

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

System 75

Name	Photo	Description
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[FlexiVent 0275](#)



For connection of the air ducts to the connectors and air distribution boxes