

Micra 100 E1 ERV WiFi



MICRA 100 WiFi is a single-room energy-efficient air handling unit intended for decentralised ventilation of residential and commercial spaces as well as apartments and houses

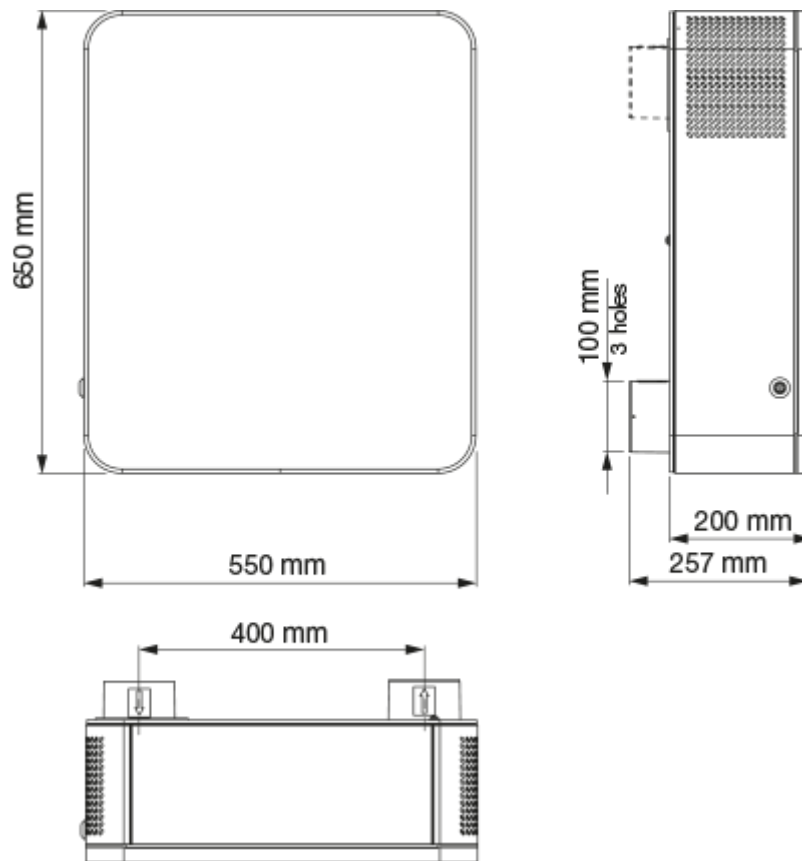
- Power of electrical reheater: 350
- Maximum airflow: 100
- Sound pressure level LpA at 3 m: 39
- Heat recovery efficiency: 96
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4 (option F7)
- Sound insulation
- Motor type: EC
- Enthalpy heat exchanger
- Bypass: Auto
- Preheater: Electric
- Control: Smartphone
- Casing material: Polypropylene/Thermoplastic elastomer
- Temperature sensor: Built-in

	Unit of measurement	Micra 100 E1 ERV WiFi				
Connected air duct size	mm	100				
Speed	-	5				
Minimum supply voltage	V	230				
Maximum supply voltage	V	230				
Power supply frequency	Hz	50/60				
Rated power	W	20	23	29	37	53
Power of electrical reheater	W	350				
Unit current	A	0.4				
Maximum airflow	m ³ /h	30	44	60	75	100
Sound pressure level LpA at 3 m	dB(A)	13	20	27	33	39
Heat recovery efficiency	%	96	94	89	85	83
Heat exchanger type	-	Counter flow				
Heat exchanger material	-	Enthalpy				
Weight	kg	31				
Extract filter	-	G4				
Supply filter	-	G4 (option F7)				
Transported air temperature (max)	°C	40				
Transported air temperature (min)	°C	-20				
Ambient air temperature min	°C	1				

Ambient air temperature max	°C	40
Ambient air humidity max	%	70
Ingress protection rating	-	IP22
Ingress protection rating of the drive	-	IP44













Dimensions






Accessories

Other accessories

Name	Photo	Description
MK Micra 100 white		Mounting kit: Two plastic air ducts; Outdoor box; Cardboard template
MK Micra 100 chrome		Mounting kit: Two plastic air ducts; Outdoor box; Cardboard template
NB Micra 100 white		Outdoor box
NB Micra 100 chrome		Outdoor box
NE Micra 100		Heater to prevent condensate freezing in the drain pipe and the outdoor box
SF 193x158x18 G4		Panel filter G4

SF 193x158x47 F8		F8 panel filter
SF 193x158x47 F8 C		F8 carbon filter
SF 193x158x47 H13		H13 HEPA filter
SF 193x158x47 F7		F7 panel filter

Sensors

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