

# Micra 100 E2 ERV

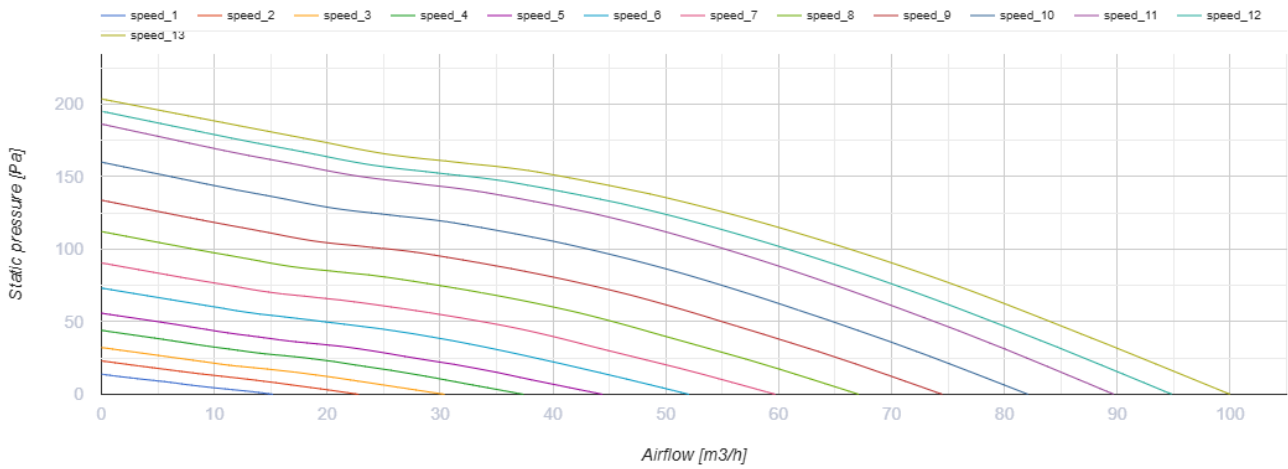


MICRA 100 is a single-room energy-efficient air handling unit intended for decentralised ventilation of residential and commercial spaces as well as apartments and houses

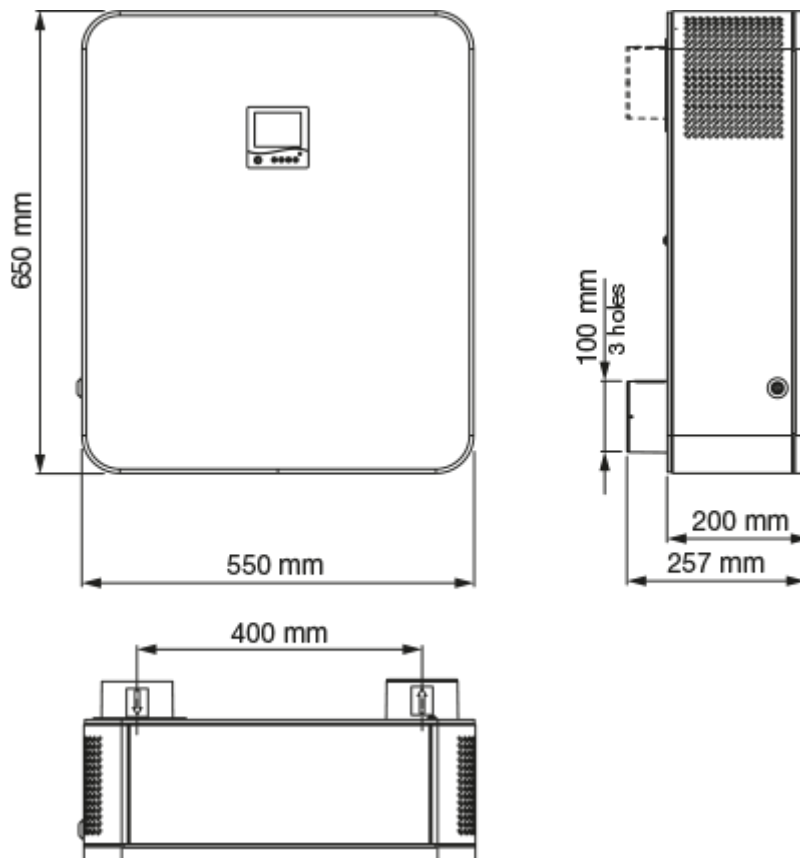
- Power of electrical preheater: 700
- Power of electrical reheater: 350
- Maximum airflow: 100
- Sound pressure level LpA at 3 m: 39
- Heat recovery efficiency: 96
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4 (option: F7)
- Sound insulation
- Motor type: EC
- Enthalpy heat exchanger
- Bypass: Auto
- Reheater: Electric
- Preheater: Electric
- Control: Built-in control panel
- Casing material: Coated steel
- Temperature sensor: Built-in

	Unit of measurement	Micra 100 E2 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	12	21	45
Power of electrical preheater	W	700		
Power of electrical reheater	W	350		
Unit current	A	0.4		
Maximum airflow	m <sup>3</sup> /h	30	60	100
Sound pressure level LpA at 3 m	dB(A)	13	27	39
Heat recovery efficiency	%	96	89	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










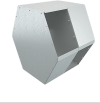



## Dimensions





## 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
VL R6 366/157		Summer block
SF 193x158x47 F7		F7 panel filter

## Sensors

Name	Photo	Description
<a href="#">HR-S</a>		Electro-mechanical humidistats
<a href="#">CO2-1</a>		CO2 sensors

[CO2-2](#)



CO2 sensors