

# Micra 100 E2 ERV WiFi

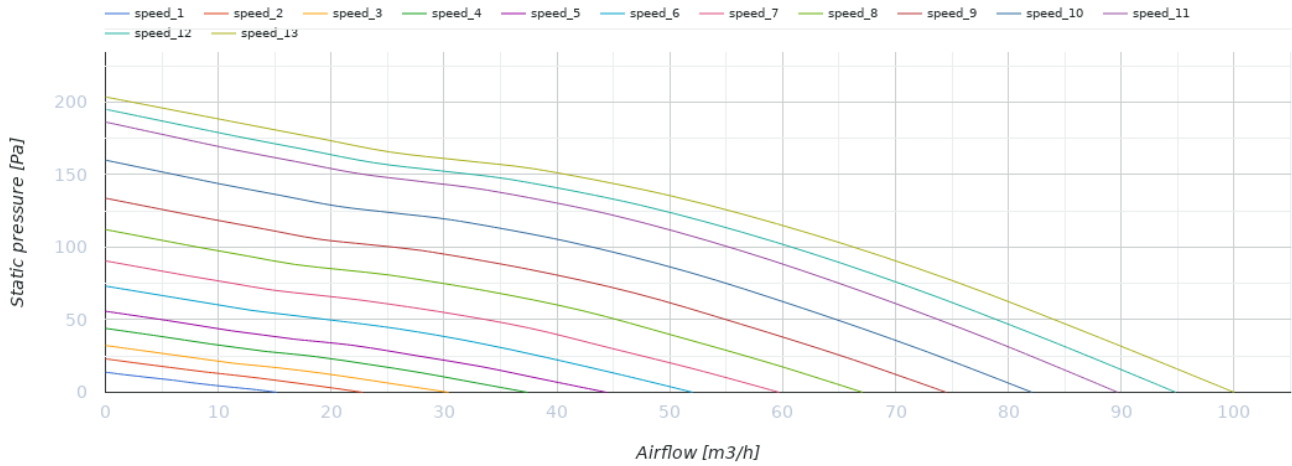


Premium compact wall AHU with an air flow of up to 100 m<sup>3</sup>/h

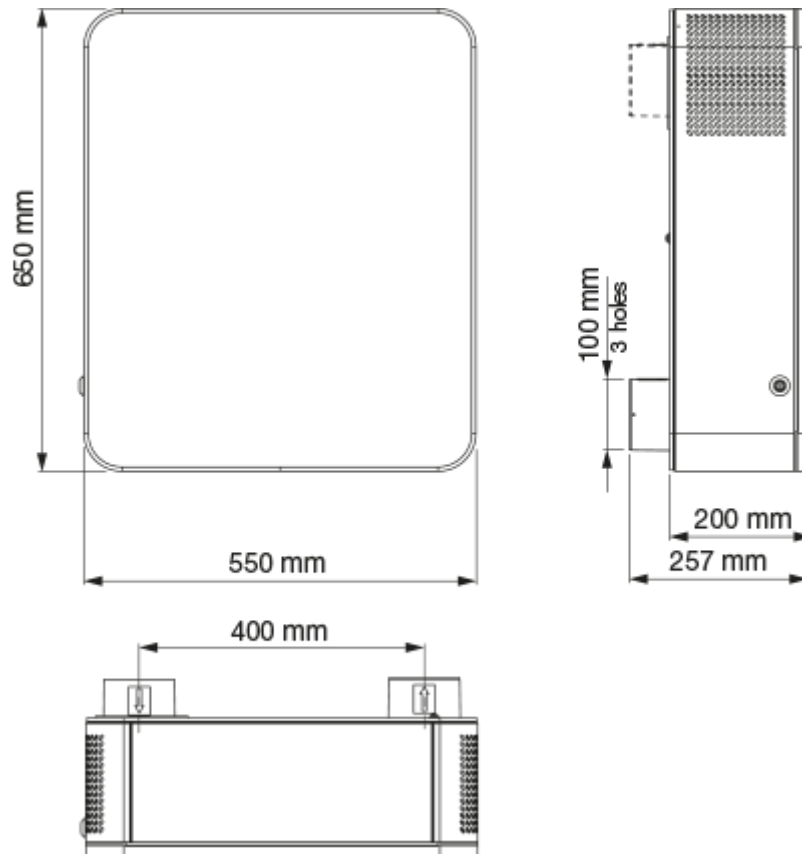
- Power of electrical preheater: 700
- Power of electrical reheater: 350
- Sound pressure level LpA at 3 m: 39
- Heat exchanger type: Counter flow
- Heat exchanger material: Enthalpy
- Extract filter: G4
- Supply filter: G4 (option F7)
- Sound-insulated casing
- Enthalpy heat exchanger
- Preheater: Electric
- Reheater: Electric
- Control: Smartphone
- Casing material: Coated steel
- Temperature sensor: Built-in

	Unit of measurement	Micra 100 E2 ERV WiFi				
Connected air duct size	mm	100				
Phases	-	1				
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 preheater	W	700				
Power of electrical reheater	W	350				
Unit current	A	0.4				
Maximum airflow	m <sup>3</sup> /h	30	44	60	75	100
Rotation speed at 50hz	-	2200				
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

### Sensors

Name	Photo	Description
<a href="#">CO2-1</a>		CO2 sensors
<a href="#">CO2-2</a>		CO2 sensors
<a href="#">HR-S</a>		Electro-mechanical humidistat

### Other accessories

Name	Photo	Description
SF 193x158x18 G4		Panel filter G4
MK Micra 100 chrome		Mounting kit: Two plastic air ducts; Outdoor box; Cardboard template
MK Micra 100 white		Mounting kit: Two plastic air ducts; Outdoor box; Cardboard template
NB Micra 100 chrome		Outdoor box
NB Micra 100 white		Outdoor box
NE Micra 100		Heater to prevent condensate freezing in the drain pipe and the outdoor box
SF 193x158x47 F7		F7 panel filter