



## Ceiling heat recovery unit with an efficiency up to 86%

The Mark ERV is the ideal solution for energy efficient ventilation and a comfortable indoor climate. The appliance is equipped with a high efficiency counter flow heat exchanger with an heat recovery efficiency of 75-86%. This means that 75-86% of the energy expelled is supplied to the fresh intake air. This high efficiency means that in many cases no after-heating is required.

Possible applications for the ERV include offices, showrooms, apartment complexes and schools.

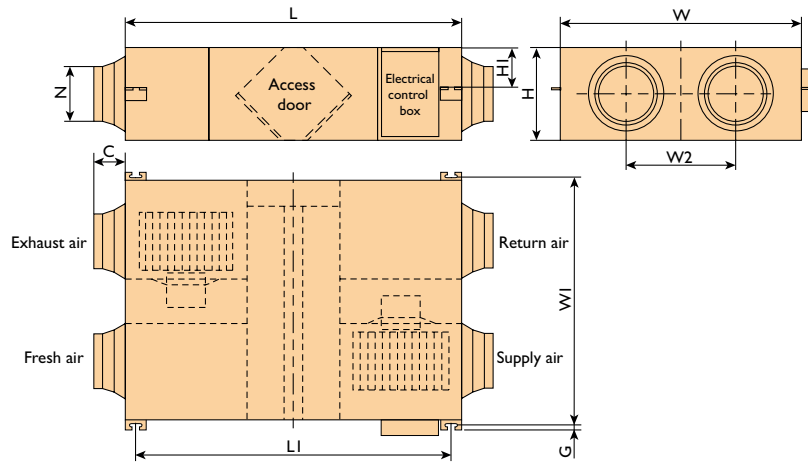
### Characteristics

- High efficiency for optimal air comfort
- Exchange of heat and moisture
- Energy-saving BLDC motor with 10 speeds
- Innovative HR counter flow exchanger
- Low weight
- Indoor installation
- Automatic bypass, intelligently controlled by outside temperature
- Plug & play control, optional CO<sub>2</sub> and humidity control function, remote control and Modbus/BMS\* control available
- ErP 2018 ready!

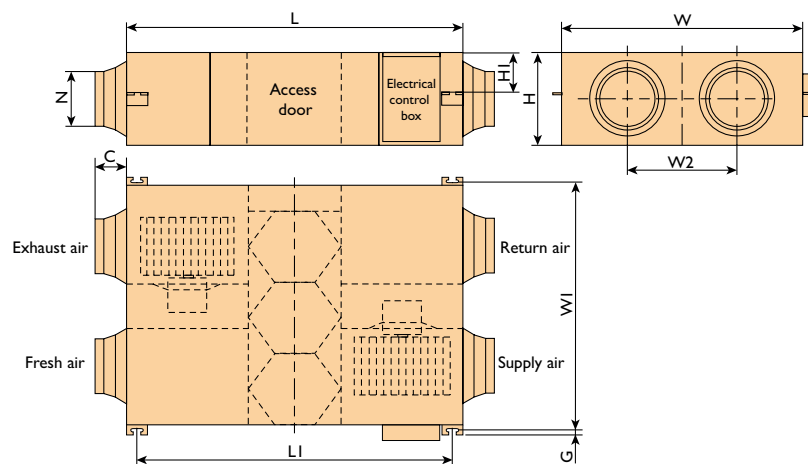
\* type 500 and 1000

Type	L	LI	W	WI	W2	H	HI	C	G	N
ERV500	962	890	904	960	500	270	111	107	19	ø 194
ERV1000	1322	1250	1134	1190	678	388	170	85	19	ø 242
ERV2000	1322	1250	1134	1190	678	785	170	150	19	280*650

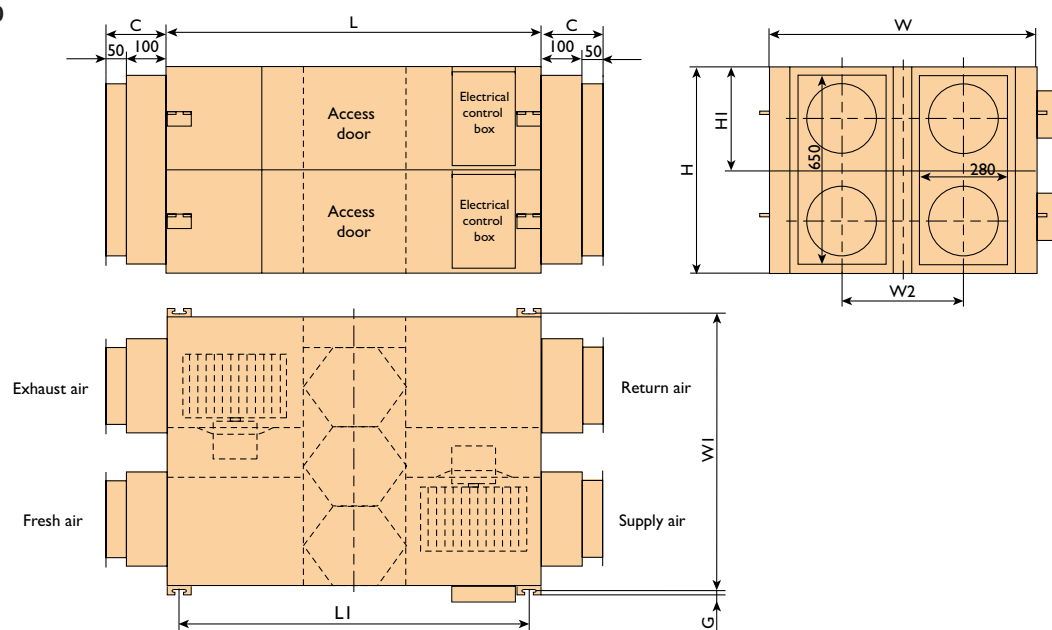
ERV 500



ERV 1000



ERV 2000



# Technical information

Type		500	1000	2000
Air amount	m <sup>3</sup> /h	500	1000	2000
External pressure	Pa	50	120	120
Cooling efficiency	%	62-74	65-74	65-74
Heating efficiency	%	67-75	71-78	71-78
Temperature efficiency	%	75-86	75-85	75-85
Noise level (1m)	dB(A)	39	43	51.5
Supply voltage	V	220	220	220
Power	W	88	243	486
Weight	kg	43	83	189

