



Ceiling heat recovery unit with an efficiency up to 86%

Delivery from stock!

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 CO₂ and humidity control function, remote control and Modbus/BMS* control available
- ErP 2018 ready!

* for type 2000 only available at extra cost. Inquire about the possibilities.

Optional:

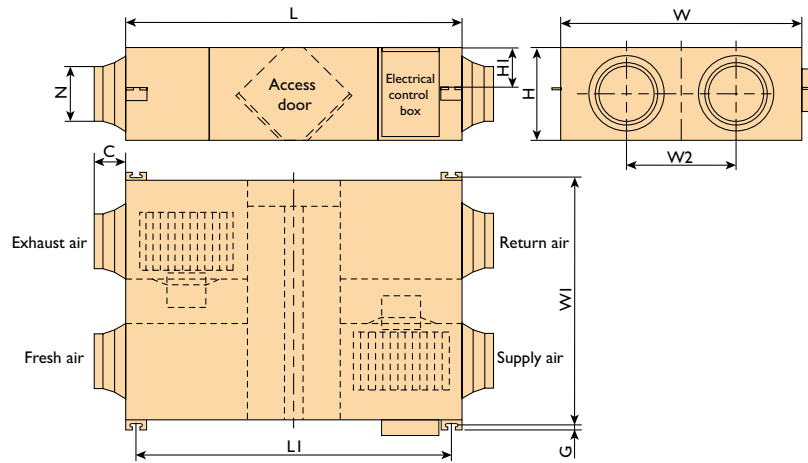
- Electric re-heaters
- Disinfection-unit to sterilize the outdoor polluted air



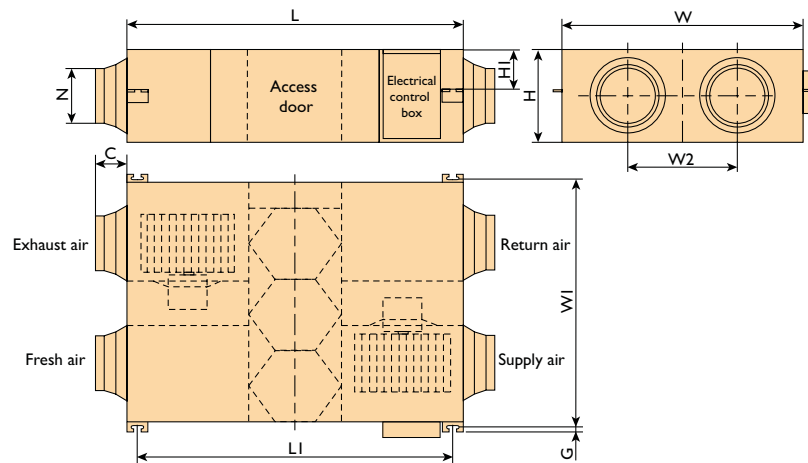
Dimensions

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

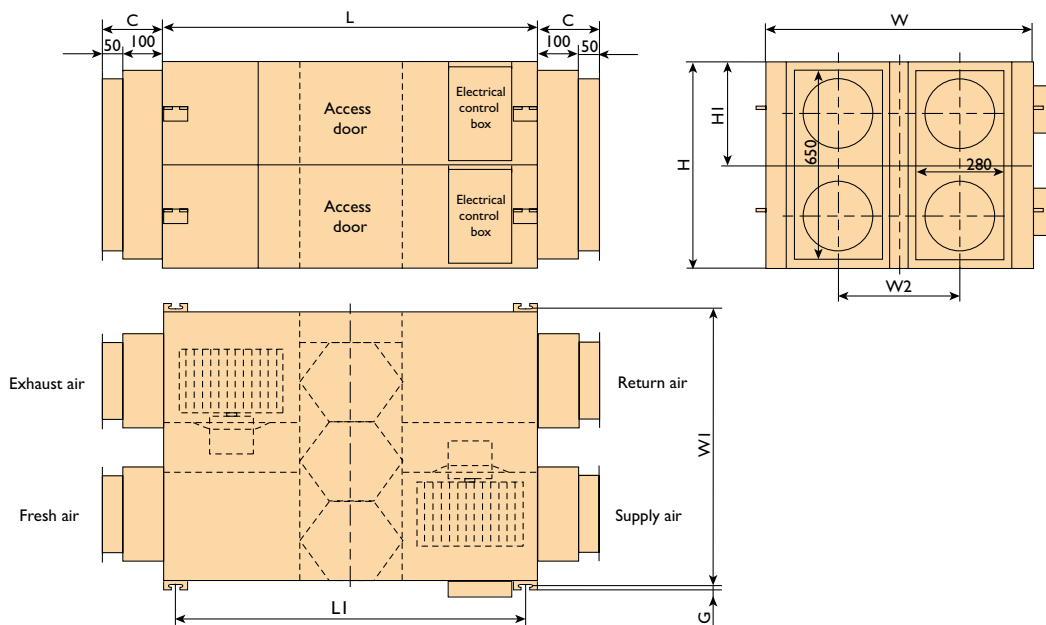
ERV 500



ERV 1000



ERV 2000



Technical information

Type		500	1000	2000
Air amount	m ³ /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

Noise level (dB):

Type	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	Overall dB(A)
ERV500	34	40	35	35	36	28	22	17	39
ERV1000	38	44	39	41	40	31	31	19	43
ERV2000	45	52	46	48	48	48	37	23	51

