

Energy Saver

Air Source Heat pump

Environmental Heating Solutions Ltd

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Swedish solution
Well proven in the UK
Save up to 63%
Small investment - £ 2,500
Low running costs
Payback 1-4 years
Cooling as well as heating



INDOOR UNIT		E12LCI	E14LCI	E18LCI	E24LCI
OUTDOOR UNIT		E12LCO	E14LCO	E18LCO	E24LCO
COOLING					
Capacity	kW	0.9-3.9	0.9-5.0	0.9-6.0	0.9-8.0
Suitable for up to*	m2/sqft	45 / 500	55 / 600	60 / 650	80 / 900
Energy Rating		A	A	B	A
EER		3.80	3.78	3.02	3.21
Power Consumption	kW	0.25-1.40	0.25-2.03	0.09-2.07	0.11-2.62
HEATING					
Capacity	kW	0.9-5.6	0.9-7.0	0.9-9.1	2.0-10.0
Suitable for up to*	m2/sqft	135 / 1500	170 / 1800	190 / 2050	220 / 2400
Energy Rating		A	A	A	A
COP		3.87	3.86	3.61	3.62
Power Consumption	kW	0.25-1.90	0.25-2.40	0.09-2.87	0.11-3.68
Dimensions (HxWxD)	mm	260 x 790 x 198	260 x 790 x 198	320 x 998 x 228	320 x 998 x 228
Net weight	kg/lbs	9 / 20	9 / 20	9 / 20	16 / 35
Dimensions (HxWxD)	mm	540 x 660 x 290	620 x 790 x 298	620 x 790 x 298	578 x 790 x 315
Net weight	kg/lbs	37/82	40/88	40/88	44/97
Pipe size (inches) (gas/liquid)	inches	3/8 / 1/4	1/2 / 1/4	1/2 / 1/4	1/2 / 1/4
MAX. PIPE LENGTH	m	20	20	20	30
MAX. HEIGHT DIFF	m	15	15	15	15
OPERATING RANGE	Cooling °C	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heating °C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24

Inner drying function

These units are equipped with an inner drying function. After the power is turned off, the dry operation starts inside the unit. This prevents the growth of mould and bacteria inside the unit.



Standard Filter:



Catechin filter

Fine dust, invisible mold spores, and harmful microorganisms are absorbed on to the filter by static electricity, and further growth is inhibited and deactivated.

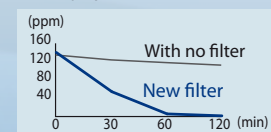


Ion deodorization filter

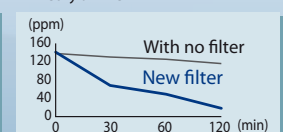
The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultra-fine particle ceramics.

Deodorizing effect (Odor reduction rate)

Ammonia



Trimethylamine



* Note: The unit's space heating capacity is dependent on the level of insulation, the ceiling height and what other background heat generating equipment is present. We have both smaller capacity units and larger - suitable for spaces up to 400m² / 4,300 sqft. Larger properties may benefit from more than one unit. Our technical unit will design a solution suitable for your property / building.