

LWZ 07.1 Premium HKL 230

AIR SOURCE HEAT PUMPS

PRODUCT-NO.: 206284

Combine four functions in one innovative appliance with additional option

Do you love convenience? Then this compact integral unit is perfect for you. Combined with an external hot water cylinder of your choice, you get everything you want in just one appliance: heating, cooling, ventilation, air purification and hot water on demand. The clear, elegant design of this highly efficient package conceals an air source heat pump. It heats or cools your rooms in line with demand. The high performance ventilation system ensures wonderfully clean air all year round through ventilation.



Simply indulge yourself quietly

Our compact appliance quietly creates the room temperature you prefer. Cosy hot water is also available when you turn on the tap, to satisfy your need for convenience. First rate thermal comfort, made even more efficient and environmentally friendly by the natural refrigerant. If required, you can also use our all-rounder to cool your rooms.

Ventilate conveniently via your smartphone

You benefit from all the advantages offered by a modern ventilation function. The outdoor air is efficiently filtered and thus protects against pollutants and allergens. At the same time, humidity is kept at an optimum level – the air in your rooms is neither too dry nor does it have the potential to form mould due to excess moisture. You can easily control all this convenience via an app on your smartphone or tablet.

The main features

Space saving integral unit with heating, cooling, hot water, ventilation and air purification functions

Customised hot water convenience thanks to free choice of hot water cylinder

Climate-friendly and futureproof thanks to the use of a natural refrigerant

High energy efficiency thanks to controlled mechanical ventilation with heat recovery

Convenient operation via app, even when out and about

Low energy consumption and quiet operation thanks to state of the art inverter technology

Can be optionally combined with any photovoltaic system

Aesthetically matching casing for pipes and cables optionally available



Type	LWZ 07.1 Premium HKL 230
Part no.	206284

Technical data

Heat recovery level up to	90 %
Expansion vessel, DHW - volume	8 l
Expansion vessel, DHW pre-charge pressure	0.4 MPa
Expansion vessel volume on the heating side	24 l
Expansion vessel pre-charge pressure on the heating side	0.075 MPa
Air flow rate	80-300 m³/h
Filter class	ePM1 ≥ 50 % (F7) ISO Coarse ≥ 65 % (G4)
Refrigerant	R290
Heating output at A-7/W35 (EN 14511)	6.42 kW
Heating output at A2/W35 (EN 14511)	3.98 kW
Cooling capacity at A35/W7	3.28 kW
Rated voltage, emergency/auxiliary heater	400 V
Rated voltage, control unit	230 V
Rated voltage, compressor	230 V
Energy efficiency ratio at A35/W7	2.26
COP at A2/W35 (EN 14511)	3.51
COP at A-7/W35 (EN 14511)	2.69
SCOP 55 °C (EN 14825)	3.28
Sound power level (EN 12102)	52 dB(A)

Weight	230 kg
Height	1880 mm
Width	800 mm
Depth	764 mm
Energy efficiency class, heat pump W35 (A+++ → D)	A++
Energy efficiency class, heat pump W55 (A+++ → D)	A++

Contact information

Do you have additional questions? Then please do not hesitate to contact us, we would be only too happy to help:

Call 0151 436 96

Or send an e-mail to

sales@stiebel-eltron.ie

Only a qualified contractor should carry out the installation, commissioning, maintenance and repair of this appliance. Where applicable and prior to installation the electricity and/or water utility companies should be notified of your intention to install the product.