

LWZ 8 CS Premium

AIR SOURCE HEAT PUMPS

PRODUCT-NO.: 201290

Combine convenience and efficiency

All in one: this integral appliance combines ventilation, heating, hot water and cooling functions to achieve the maximum effect for your home. Yet the appliance only needs a minimum of space: covering a floor area of just over one square metre, it gives you warm days in winter, coolness in summer and both fresh air and hot water all year round.



Use impressive technology

The inverter technology in the integrated heat pump is a key factor in the appliance's success. This enables it to match its output to your heat demand. This is truly efficient and saves a lot of energy. Together with the sophisticated sound insulation, it also ensures especially quiet operation.

The programming unit is integrated directly in the appliance, with the option of adding a remote control with humidity sensor. Extensions in the form of the STIEBEL ELTRON Internet Service Gateway with optional KNX and photovoltaic optimisation are available as add-ons.

Become more self-sufficient

Further boost the efficiency of your building services solution by combining it with a solar thermal or photovoltaic system. Operate your appliance with self-generated power and become even more self-sufficient in your home.

The main features

Compact appliance with ventilation, heating, hot water and cooling functions

Advanced inverter technology for improved efficiency and quieter operation

Can be combined with a solar system

Also available in balance sets that use sensors for increased ventilation comfort

Especially high air quality thanks to the Premium balance set, which precisely regulates the air change rate and requires no manual intervention

Recovery of up to 90 % of the thermal energy in the extract air

High hot water convenience through well insulated 235-l cylinder



Type	LWZ 8 CS Premium
Part no.	201290

Technical data

Heat recovery level up to	90 %
Air flow rate	80-300 m³/h
Filter class	ePM10 ≥ 50 % (M5) ISO Coarse > 60 % (G4)
Refrigerant	R410 A
Heating output at A-7/W35 (EN 14511)	8.34 kW
Heating output at A2/W35 (EN 14511)	5.16 kW
Cooling capacity at A35/W7	2.69 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	1.92
COP at A2/W35 (EN 14511)	3.74
COP at A-7/W35 (EN 14511)	2.61
Sound power level (EN 12102)	50 dB(A)
Cylinder volume V	235 l
Weight	442 kg
Height	1885 mm
Width	1430 mm
Depth	812 mm
Energy efficiency class, heat pump W35 (A+++ → D)	A++

Energy efficiency class, heat pump W55 (A+++ → D)	A++
Energy efficiency class, DHW heating with load profile XL (A+++ → D)	A

Contact information

You have questions? We appreciate to help you:

Call **+49 5531 - 7020**

Write an email to **info@stiebel-eltron.com**

Installation information

Please ask your local power supply utility or a registered electrician to install appliances that are not fully wired, i.e. ready to plug in. The electrician should also be able to assist you with obtaining the agreement of the respective power supply utility required for the appliance installation.