

# LWZ 504

CENTRAL

PRODUCT-NO.: 233514

The compact LWZ 504 integral ventilation system with passive house certification offers every comfort and convenience worthy of an energy efficient house. The system draws its energy for hot water and cosy room temperatures from the outdoor air. The advanced ventilation management system ensures that heat remains in the building. It recovers up to 90 % of the heat from the extract air. A pleasant, healthy atmosphere and high efficiency can therefore be perfectly combined. Output-regulating inverter technology also ensures high efficiency. It generates precisely the amount of heat that is currently required. In this way, high output levels can be achieved even at low temperatures.



The advanced, high efficiency heating circuit pump and excellent DHW cylinder insulation ensure economical energy use. Those who want to make themselves even more independent of rising energy prices can fit the appropriate accessories (ISG plus) and operate the LWZ 504 with photovoltaic power generated on site. The large, user friendly matrix display ensures straightforward operation of the award-winning advanced technology.

## The main features

Ideal for new build

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Compact appliance offering the following functions: ventilation, central heating, DHW heating and cooling

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Energy-efficient inverter technology

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Ventilation with up to 90% heat recovery

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Well insulated 235 l cylinder for high DHW convenience

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May be combined with a solar thermal system

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Sturdy, sound-optimised casing design

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Integral high efficiency heating circuit pump



Type	LWZ 504
Part no.	233514
Output at A2/W35 (EN 14511)	5,16 kW
Coefficient of performance at A2/W35 (EN 14511)	3,74

#### Technical data

Energy efficiency class, heat pump W35	A++
Energy efficiency class, W55 heat pump	A++
Energy efficiency class, composite system (heat pump + controller) W35	A+++
Energy efficiency class, composite system (heat pump + controller) W55	A++
Energy efficiency class, DHW heating, load profile L	A
Output at A-7/W35 (EN 14511)	8,34 kW
Refrigerating capacity at A35/W7	2,69 kW
Cooling factor at A35/W7	1,92
Rated compressor voltage	230 V
Rated control voltage	230 V
Rated voltage, emergency/booster heater	400 V
Air flow rate	80-300 m <sup>3</sup> /h
Heat availability level up to	90 %
Cylinder capacity	235 l
Filter class	M5/G4
Sound power level (EN 12102)	50 dB(A)
Height	1885 mm
Width	1430 mm
Depth	812 mm

Weight

442 kg

**Contact information**

You have questions? We appreciate to help you:

Call **+49 5531 - 7020**

Write an email to **[info@stiebel-eltron.com](mailto: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.