

# WWK 220 electronic

DHW HEAT PUMPS

PRODUCT-NO.: 231208

The WWK 220 electronic compact appliance is a fully wired DHW heat pump for DHW heating. In a new, attractive design, it has a cylinder capacity of 220 litres. These highly efficient heat pumps, with optimally insulated cylinder, achieve excellent output values. The finishing touch is provided by the new control unit with LCD, offering a high level of operating convenience. Information such as the currently available amount of mixed water at +40 °C can be called up at an instance. In heat pump only operation, water temperatures of up to 65 °C can be achieved. The exact temperature required can be variably selected. These compact appliances are designed to supply several draw-off points. The high quality equipment level includes a maintenance-free impressed current anode and an emergency booster heater. External signal transmitters can be integrated via the built-in contact input, for example to make use of solar power generated on site or, if necessary and where possible, an economy tariff signal.



## The main features

DHW heat pump

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Compact series for recirculation air mode

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220 l cylinder capacity

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Achieves the highest possible energy efficiency: A+

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Hygienic DHW temperatures up to 65 °C achievable in heat pump mode only

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SmartGrid – future-oriented technology

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Highly reliable and cost saving due to the maintenance-free impressed current anode



Type	WWK 300 electronic SOL	WWK 220 electronic	WWK 300 electronic
Part no.	233583	231208	231210
Average heating output (A15/W10-55)	1,6 kW	1,6 kW	1,6 kW
Height	1913 mm	1545 mm	1913 mm
Diameter	690 mm	690 mm	690 mm
Weight	156 kg	120 kg	135 kg
<b>Technical data</b>			
Energy efficiency class, DHW heating (indoor air), load profile L		A+	
Heat source min./max. application limits	+6/+42 °C	+6/+42 °C	+6/+42 °C
Rated capacity	291 l	220 l	302 l
Maximum DHW temperature with heat pump	65 °C	65 °C	65 °C
Nominal DHW temperature (EN 16147)	55 °C	55 °C	55 °C
Nominal load profile (EN16147)	XL	L	XL
Maximum available nominal DHW volume at 40 °C (EN 16147 / A20)	371 l	278 l	395 l
Rated heating output Prated (EN 16147/A20)	1,43 kW	1,60 kW	1,52 kW
Heat-up time (EN 16147 / A20)	9,05 h	6,06 h	9,05 h
Power consumption, standby period (EN 16147 / A20)	0,028 kW	0,022 kW	0,024 kW
COP (EN 16147 / A20)	3,51	3,55	3,51
Booster heater power consumption	1,5 kW	1,5 kW	1,5 kW
Sound power level (EN 12102)	60 dB(A)	60 dB(A)	60 dB(A)
Average sound pressure level at 1 m distance, free field	45 dB(A)	45 dB(A)	45 dB(A)
Power supply	1/N/PE 220-240 V 50/60 Hz	1/N/PE 220-240 V 50/60 Hz	1/N/PE 220-240 V 50/60 Hz

Nominal data to EN 16147 - A15 = heat source recirculation air / A7 = heat source recirculation air

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Rated data to EN 16147 - heat pump for recirculated air

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Energy efficiency class in accordance with EU Regulation no. 812/2013; rating from September 2017. Highest possible energy rating A until September 2017.

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**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.