WWK 224 ZA

DHW HEAT PUMPS

PRODUCT-NO.: 203870

Become more self-sufficient at home

Self-sufficiency in your own home is an important factor. You can take a big step in the right direction with this DHW heat pump for outdoor installation. Not only does it use renewable sources for DHW heating, but with its superbly insulated cylinder, it also achieves excellent output values. For you, that means hot water for a bath or shower whenever you need it – with low energy consumption.

Easy to operate and connect

A user friendly LCD screen helps you operate the appliance. It shows you at a glance how much mixed water is currently available. What if you want to connect the heat pump to your photovoltaic system? Nothing could be simpler. The appliance comes with this option as standard, allowing you to make clever use of energy from the sun as well as the air.

WWK 304 ZA
Product-No.: 203871

The main features

- DHW heat pump installed outdoors
- Compact series for recirculation air mode
- Hygienic DHW temperatures up to 65 °C achievable in efficient heat pump mode
- Utilisation of environmental heat for energy efficient DHW heating
- Highly reliable and cost saving due to the maintenance-free impressed current anode
- Extremely quiet operation due to advanced acoustic separation
- For supplying one or more draw-off points
- Long service life and consistently high efficiency thanks to roll-bond heat exchanger
- Suitable for outdoor installation at ambient temperatures of ${att.sf003914.value}${att.sf003914.unit}
- High DHW convenience through 220 l Nominal capacity

Type	WWK 224 ZA	WWK 304 ZA
Part no.	203870	203871

Technical data

Average heating output (A20/W20-55)	2.10 kW	2.10 kW
Average power input (A20/W20-55)	0.46 W	0.46 W
COP South Africa (A20/W20-55)	4.20	4.55
Max. mixed water amount at 40 °C (based on 15°C/63°C)	4369 l	547 l
Heat-up time South Africa (A20 / W20-55)	3.80 h	5.70 h
Energy efficiency class, DHW heating (indoor air) (A+ → F)	A	A
Nominal load profile (EN 16147)	L	XL
COP (EN 16147 / A20)	2,92	2,91
Maximum available nominal amount of DHW at 40 °C (EN 16147 / A20)	322 l	457 l
Height x diameter	1501 x 690 mm	1905 x 690 mm
Height	1501 mm	1905 mm
Weight	120 kg	135 kg
Nominal capacity	220 l	302 l
Type of anode	Maintenance-free impressed current anode	Maintenance-free impressed current anode
Power supply	1/N/PE 220-240 V 50/60 Hz	1/N/PE 220-240 V 50/60 Hz
Max. DHW temperature with emergency/auxiliary heater	63 °C	63 °C
Min./max. application limits, heat source for heat pump operation	-5/+42 °C	-5/+42 °C
Max. DHW temperature with heat pump	65 °C	65 °C

Average sound pressure level at 1 m distance, free field	45 dB(A)	45 dB(A)
Sound power level (EN 12102)	56 dB(A)	56 dB(A)
Safety valve connection	Rp 3/4	Rp 3/4

Energy efficiency class in accordance with EU Regulation no. 812/2013

Contact information

You have questions? We appreciate to help you:
Call **+27 10 001 85 47** Write an email to **info@stiebel-eltron.co.za**

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.