

# WWK 222 H

DHW HEAT PUMPS

PRODUCT-NO.: 233209

The WWK 222 H is a compact air/water heat pump designed specifically for outdoor installation (heat pump unit and cylinder made from steel, with a special enamel coating on the inside, and installed in one casing) for supplying DHW to several draw-off points. Naturally, it can also be used for indoor installation. Attractive design, cylinder with high grade thermal insulation and outstanding efficiency/COP values. Very quiet operation thanks to sound-insulated compressor.



This heat pump is also equipped as standard with an integral emergency/booster heater. Very compact and space efficient design. DHW temperature preset to > 60 °C in efficient heat pump operation. Highest quality standard. Use of particularly high quality components, such as a Rollbond safety condenser for consistently high efficiency and maximum reliability, and a maintenance-free impressed current anode, likewise for maximum reliability and cost savings for users (due to elimination of the need for regular anode checks/replacement). The appliances are also equipped as standard with a battery buffer for the impressed current anode in the case of unplanned power outages in the public supply network.

## The main features

### DHW heat pump

Suitable for outdoor installation (up to -5 °C ambient temperature)

Emergency/booster heater included as standard

High DHW convenience combined with smallest appliance dimensions

Hygienic DHW temperature of > 60 °C in efficient heat pump mode only

Maintenance-free impressed current anode (saves costs for anode checking/replacement otherwise required regularly), as well as integral electric emergency/booster heater included as standard

Quiet compressor, sound-isolated from the air flow

Heat content control via integral sensor

Rollbond safety condenser for maximum security and consistently high efficiency



Type	WWK 222	WWK 302	WWK 222 H
Part no.	231209	231211	233209
Average heating output (A15/W10-55)	1,6 kW	1,6 kW	1,6 kW
Height	1501 mm	1905 mm	1501 mm
Diameter	690 mm	690 mm	690 mm
Weight	120 kg	135 kg	120 kg

#### Technical data

Energy efficiency class, DHW heating (indoor air), load profile L	A+		A+
Heat source min./max. application limits	-5/+42 °C	-5/+42 °C	-5/+42 °C
Rated capacity	220 l	302 l	220 l
HP DHW temperature	61 °C	61 °C	61 °C
Nominal load profile (EN16147)	L	XL	L
Maximum available nominal DHW volume at 40 °C (EN 16147 / A20)	322 l	457 l	322 l
Rated heating output Prated (EN 16147/A20)	1,43 kW	1,50 kW	1,43 kW
Heat-up time (EN 16147 / A20)	7,48 h	11,17 h	7,48 h
Power consumption, standby period (EN 16147 / A20)	0,034 kW	0,037 kW	0,034 kW
COP (EN 16147 / A20)	2,92	2,91	2,92
Power consumption, emergency/booster heater			1,50 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)
Safety valve connection	Rp 3/4	Rp 3/4	Rp 3/4
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



Type	WWK 302 H
Part no.	232905
Average heating output (A15/W10-55)	1,6 kW
Height	1905 mm
Diameter	690 mm
Weight	135 kg

#### Technical data

##### Energy efficiency class, DHW heating (indoor air), load profile L

Heat source min./max. application limits	-5/+42 °C
Rated capacity	302 l
HP DHW temperature	61 °C
Nominal load profile (EN16147)	XL
Maximum available nominal DHW volume at 40 °C (EN 16147 / A20)	457 l
Rated heating output Prated (EN 16147/A20)	1,50 kW
Heat-up time (EN 16147 / A20)	11,17 h
Power consumption, standby period (EN 16147 / A20)	0,037 kW
COP (EN 16147 / A20)	2,91
Power consumption, emergency/booster heater	1,50 kW
Sound power level (EN 12102)	60 dB(A)
Average sound pressure level at 1 m distance, free field	45 dB(A)
Safety valve connection	Rp 3/4
Power supply	1/N/PE 220-240 V 50/60 Hz

**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.