

WWK 302 H

DHW HEAT PUMPS

PRODUCT-NO.: 232905

The WWK 302 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 (detached or two-family houses). 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. It meets the requirements of the very demanding XL draw-off profile to EN 16147 and achieves top ratings according to the energy efficiency classes for DHW heat pumps applicable from September 2015. 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 maximum reliability and permanently high efficiency, 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

Features exceptional DHW convenience (draw-off profile XL to EN 16147) as well as excellent efficiency and very compact 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	1545 mm	1913 mm	1545 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 XL	A	A	A
Power consumption, emergency/booster heater			1,5 kW
Rated capacity	220 l	302 l	220 l
HP DHW temperature	61 °C	61 °C	61 °C
Nominal DHW temperature (EN 16147)	61 °C	61 °C	61 °C
Nominal load profile (EN16147)	XL	XL	XL
Maximum available nominal amount of DHW at 40 °C (EN 16147 / A15)	334 l	469 l	334 l
Heat-up time (EN 16147 / A15)	8,01 h	11,19 h	8,01 h
Power consumption, standby period (EN 16147 / A15)	0,051 kW	0,070 kW	0,051 kW
COP (EN 16147 / A15)	3,00	3,04	3,00
Heat source min./max. application limits	-5/+42 °C	-5/+42 °C	-5/+42 °C
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	1913 mm
Diameter	690 mm
Weight	135 kg

Technical data

Energy efficiency class, DHW heating (indoor air), load profile XL	A
Power consumption, emergency/booster heater	1,5 kW
Rated capacity	302 l
HP DHW temperature	61 °C
Nominal DHW temperature (EN 16147)	61 °C
Nominal load profile (EN16147)	XL
Maximum available nominal amount of DHW at 40 °C (EN 16147 / A15)	469 l
Heat-up time (EN 16147 / A15)	11,19 h
Power consumption, standby period (EN 16147 / A15)	0,070 kW
COP (EN 16147 / A15)	3,04
Heat source min./max. application limits	-5/+42 °C
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