

# Data Sheet: WWK



- › WWK 222
- › WWK 222 H
- › WWK 302
- › WWK 302 H



- › Engineered by Germany's market leader
- › Designed for New Zealand conditions
- › Active defrost function ensures energy-efficient operation down to  $-5^{\circ}\text{C}$
- › High operational reliability and long service life due to impressed current anode
- › Quiet operation due to encased compressor
- › Connects to solar PV – automatically increases tank temperature during peak solar production\*
- › Compatible with Energy Management System for optimal use of grid and solar energy
- › H-models come with 1.7 kW smart element



# WWK

## INEXPENSIVE HOT WATER OUT OF THIN AIR

The WWK 222 (H) and the WWK 302 (H) are compact domestic hot water heat pumps designed specifically for outdoor installation in New Zealand to supply domestic hot water to several draw-off points. Our heat pumps utilise the energy in the air to create environmentally friendly hot water all year round. SG Ready implementation of connecting the STIEBEL ELTRON WWK hot water heat pump allows for a higher water temperature and more “free” hot water.

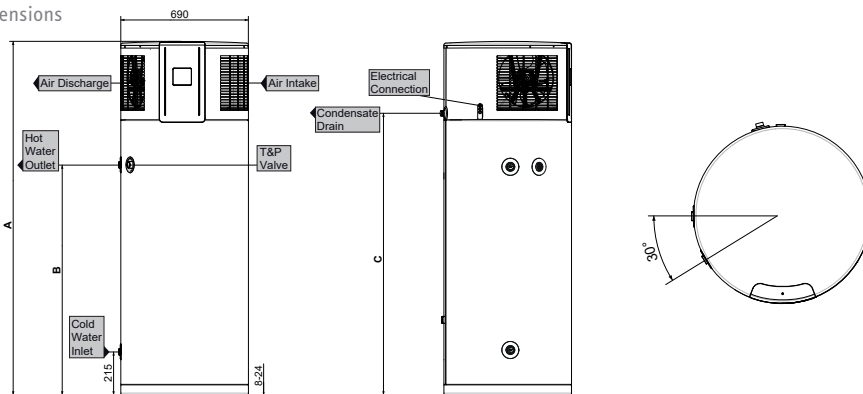
Model	PREMIUM			
	WWK 222	WWK 222 H	WWK 302	WWK 302 H
	<b>231209</b>	<b>233209</b>	<b>231211</b>	<b>232905</b>
Power consumption heat pump (EN16147   A15)	kW 0.55	0.55	0.55	0.55
Power consumption smart element	kW N/A	1.7	N/A	1.7
Rated capacity	L 220	220	302	302
Maximum available nominal amount of hot water at 40 °C	L 360	360	540	540
Type of installation	Indoor or outdoor <sup>‡</sup>			
Set hot water temperature	°C 61	61	61	61
Max. hot water temperature	°C 65	65	65	65
Operating temperature range	°C -5 - 42	-5 - 42	-5 - 42	-5 - 42
COP (seasonal average <sup>†</sup> )	3.38	3.38	3.36	3.36
Max. permissible pressure	kPa 850	850	850	850
Air flow rate	m <sup>3</sup> /h 550	550	550	550
Connection	1/N/PE	1/N/PE	1/N/PE	1/N/PE
Rated voltage	V 220-240	220-240	220-240	220-240
Max. operating current	A 3.18	9.70	3.18	9.70
Sound pressure level at 1m distance, free field (EN15036)	dB(A) 45	45	45	45
Electrical installation	As per AS/NZS3000			
Refrigerant	R134a	R134a	R134a	R134a
Height	mm 1553 - 1569	1553 - 1569	1921 - 1937	1921 - 1937
Diameter	mm 690	690	690	690
Weight (empty   filled)	kg 120   340	120   340	135   437	135   437
Approvals	WaterMark Lic No. WMKA00301, AS3498			



WWK



### WWK Dimensions



<b>OVERALL HEIGHT [A]</b>
WWK 222 / 222 H = 1501
WWK 302 / 302 H = 1905
<b>HOT WATER OUTLET / T&amp;P VALVE HEIGHT [B]</b>
WWK 222 / 222 H = 935
WWK 302 / 302 H = 1290
<b>CONDENSATE HEIGHT [C]</b>
WWK 222 / 222 H = 1116
WWK 302 / 302 H = 1502

\* Compatible solar inverter required

<sup>‡</sup> Indoor installation requires a clear space of 13m<sup>3</sup>

<sup>†</sup> COP is tested to 18.8°C as per AS/NZS 5125.1 performance standard

STIEBEL ELTRON is committed to our policy of continual improvement, some features may have subsequently been changed or even removed.

Our advisors will be happy to consult with you regarding the currently applicable equipment features. The images used in this data sheet are for reference only.