

STIEBEL ELTRON

WWK 222/302

Efficient, solar PV
compatible heat pumps
for peak performance.



WWK

HOT WATER HEAT PUMP

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.

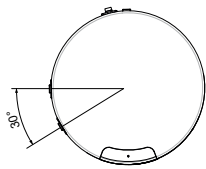
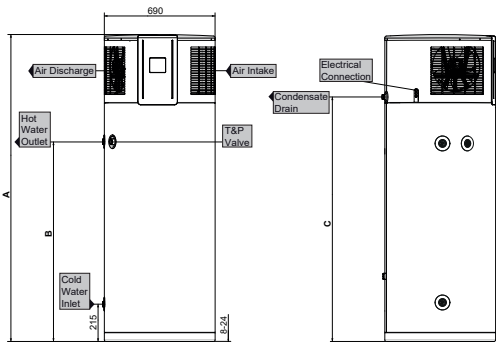
Product features

- › Engineered by Germany’s market leader
- › Designed for New Zealand conditions
- › Active defrost function ensures energy-efficient operation down to -5 °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



	PREMIUM			
Model	WWK 222	WWK 222 H	WWK 302	WWK 302 H
Article no.	231209	233209	231211	232905
Power consumption heat pump (EN16147 A15)	kW	0.55	0.55	0.55
Power consumption smart element	kW	N/A	1.7	N/A
Rated capacity	L	220	220	302
Maximum available nominal amount of hot water at 40 °C	L	360	360	540
Type of installation	Indoor or outdoor [‡]			
Set hot water temperature	°C	61	61	61
Max. hot water temperature	°C	65	65	65
Operating temperature range	°C	-5 - 42	-5 - 42	-5 - 42
COP (seasonal average [†])		3.38	3.38	3.36
Max. permissible pressure [#]	kPa	850	850	850
Air flow rate	m ³ /h	550	550	550
Connection		1/N/PE	1/N/PE	1/N/PE
Rated voltage	V	220-240	220-240	220-240
Max. operating current	A	3.18	9.70	3.18
Sound pressure level at 1m distance, free field (EN 12102)	dB(A)	45	45	45
Electrical installation	As per AS/NZS3000			
Refrigerant		R134a	R134a	R134a
Height (adjustable feet)	mm	1553 - 1569	1553 - 1569	1921 - 1937
Diameter	mm	690	690	690
Weight (empty filled)	kg	120 340	120 340	135 437
Approvals	WaterMark Lic No. WMKA00301, AS3498			

Dimensions



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



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.