

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 Australia 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.

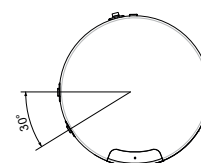
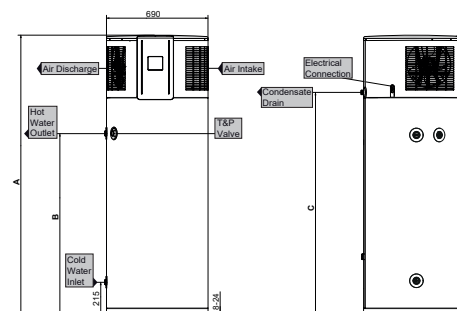
Product features

- › Engineered by Germany’s market leader
- › Designed for Australian 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



Model		WWK 222 H	WWK 302 H
Article no.		233209	232905
Power consumption heat pump (EN16147 A15)	kW	0.55	0.55
Power consumption smart element	kW	1.7	1.7
Rated capacity	L	220	302
Maximum available nominal amount of hot water at 40 °C	L	360	540
Type of installation		Indoor or outdoor ‡	
Set hot water temperature	°C	61	61
Max. hot water temperature	°C	65	65
Operating temperature range	°C	-5 – 42	-5 – 42
COP (seasonal average †)		3.94	3.58
Max. permissible pressure#	kPa	500	500
PTR valve	kPa	850	850
Air flow rate	m ³ /h	550	550
Connection		1/N/PE	1/N/PE
Rated voltage	V	240	240
Max. operating current	A	9.70	9.70
Sound pressure level at 1m distance, free field (EN 12102)	dB(A)	45	45
Electrical installation		As per AS/NZS3000	
Refrigerant		R134a	R134a
Height (adjustable feet)	mm	1553 - 1569	1921 - 1937
Diameter	mm	690	690
Weight (empty filled)	kg	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

* External relay/switch required ‡ Indoor installation requires a clear space of 13m³

† Seasonal average COP for a WWK installed in climate zone HP2-AU (AS/NZS 4234, CER)

#In accordance with AS/NZS3500.4

