



\*Dimensions (mm)

Model	a1	b1	c1	d1
HP200S1(EU)	1765	512	522	1270
HP300S1(EU)	1795	600	610	1242

Model	HP200S1	HP300S1
Model (tank unit)	TS200HE-S1	TS300HE-S1
Model (external unit)	UE1.0-S1	UE1.5-S1
Tank volume (L)	195	293
Rated voltage/ frequency (V/Hz)	230/50	230/50
Tank rated pressure (bar)	8.5	8.5
Extra exchanger design / area	No	No
Corrosion protection	Magnesium anode	Magnesium anode
Water proof grade	IPX4	IPX4
<b>Assembled System</b>		
Electric backup power (W)	2150	2150
Average input - heat pump only(W)	665	850
Maximum input- heat pump only(W)	1000	1350
Maximum power input (W)	3150	3500
Default temperature setting (°C)	55	55
Temperature setting range with heater (°C)	35-75	35-75
Temperature setting range heat pump only (°C)	35-65	35-65
Refrigerant type / Weight (kg)	R134a/1.3	R134a/1.5
Ozone Depletion Potential (ODP)	0	0
Global Warming Potential (GWP)	1430	1430
Noise power dB(A)	64	64
Working temperature - heat pump only (°C)	-7-45	-7-45
Working temperature - system (°C)	-7-45	-7-45
<b>Performance</b>		
Type of extraction	Exterior	Exterior
COP@7 °C (EN16147)	3.09	3.2
COP@14 °C (EN16147)	3.54	3.8
Heating up time (h) (@7°C)	4h03	4h45
Heating up time (h) (@14°C)	3h32	3h49
Tapping cycle (EN16147)	L	XL
Standby power input/ Pes(W) (@7°C)	28	29
Maximum volume of usable hot water (L) V40 (EN16147)	245.1	382.6
Water heating energy efficiency class (ERP)	A+	A+
<b>Dimensions and connections</b>		
Water outlet connection	G3/4°F	G3/4°F
Water inlet & Drain connection	G3/4°F	G3/4°F
Safety valve connection	G3/4°F	G3/4°F
Product Dimensions (D*W*H mm)(tank unit/external unit)	544*512*1765/899*352*681	632*600*1795/899*352*681
Packing dimensions(D*W*H mm)(tank unit/external unit)	676*636*1927/960*425*735	737*696*1958/960*425*735
Gross weight (kg)	89/44	112/48
Net weight (kg)	77/41	98/44
Load qty.40HQ	59	51