



HP200S1  
HP300S1

## Split



### Micro-channel Condenser

The micro-channel condenser has a larger contact surface for better heat transfer performance and less refrigerant consumption.



### Fast Heating

Powerful compressor enables faster heating.



### Eco Power

Works under low tariff hours to reduce electric cost.

### Efficiency & Energy Saving

- ◆ A+ Energy Class
- ◆ COP is up to 3.8
- ◆ High performance compressor
- ◆ Micro-channel condenser
- ◆ 50mm PUF Insulation
- ◆ Off peak electricity timer setting
- ◆ ECO Mode - heat water with heat pump only
- ◆ Vacation mode - for optimum system utilisation

### Large Capacity Hot Water

- ◆ 200L & 300L Capacity
- ◆ Maximum volume of usable hot water (L) V40 (EN16147) is Up to 382L (HP300S1).
- ◆ High performance heat pump compressor
- ◆ Maximum water temperature using only the heat Pump is Up to 65°C

### Quick Heating

- ◆ 2150W electric heating element
- ◆ Under boost mode, the heat pump and electric heating element will work together to generate hot water quickly.



ABT



Auto Defrost



Anti-freeze



High Efficiency



Smart Boost



Quiet Operation



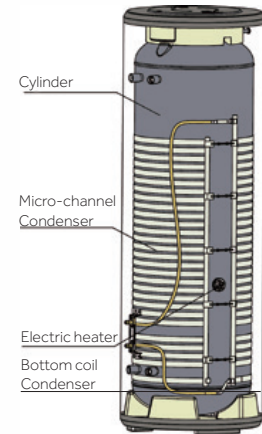
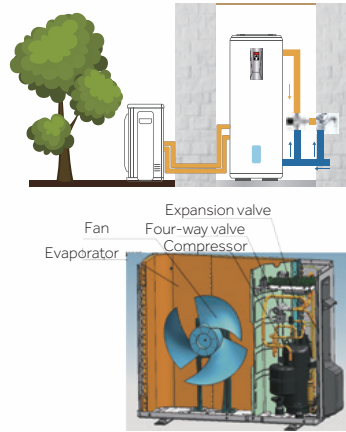
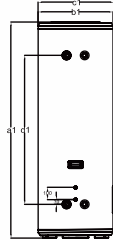
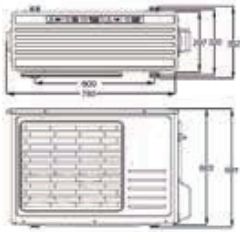
Smart Vacation

CE CB



Model	A1	B1	C1	D1
HP200S1	1765	512	522	1270
HP300S1	1795	600	610	1242

Unit:MM



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)	230V/50Hz	230V/50Hz
Tank rated pressure (bar)	8.5	8.5
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
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	4h49
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 (WxHxD) (mm) Tank unit/external unit	1765/899 x 352/681 x 544/512	1795/899 x 352/681 x 632/600
Packing dimensions (WxHxD) (mm) Tank unit/external unit	1927/960 x 425/735 x 676/636	1958/960 x 425/735 x 737/696
Gross weight (kg)	89/44	112/48
Net weight (kg)	77/41	98/44
Load qty. 40HQ	60	51