

Air Source Split Heat Pump Water Heaters Split



HP200S1 HP300S1

- The COP is 3.20 (EN16147, 7 °C) (HP300S1)
- The micro-channel condenser has larger contact surface for better heat transfer performance and less refrigerant consumption
- Powerful compressor contribute to shorter heating up time
- The maximum gas pipe installation length is 20m.

COMFORT

- 5 Working modes: Auto/Boost/Eco/Eco+/Vacation
- Temperature and hot water quantity display
- Low noise (external unit)
- Additional heating element
- Signal control or timer control Off Peak Power settings
- Hot water volume display

EFFICIENCY&ENERGY SAVING

- COP@7°C = 3.20 (HP300S1)
- Refrigerant R134A allows to reach water temperature up to 65 °C In the heat pump mode
- Working temperature : -7 °C-45 °C
- Micro channel condenser

QUALITY

- Magnesium anode protection
- Titanium enamel steel tank
- Insulation thickness 50mm

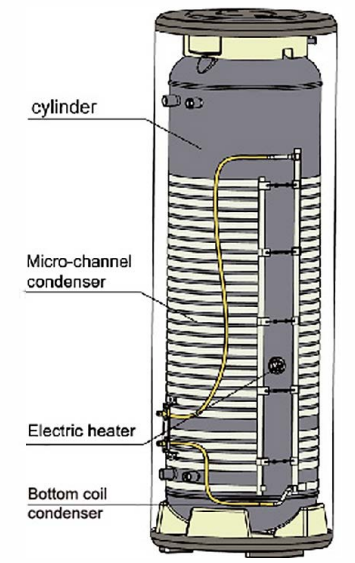
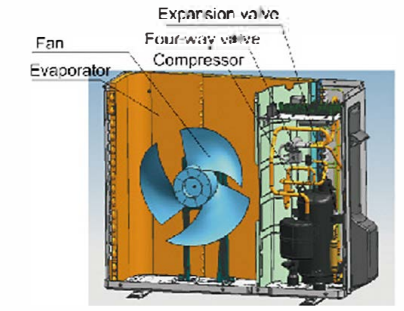
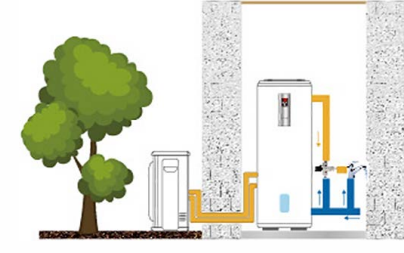
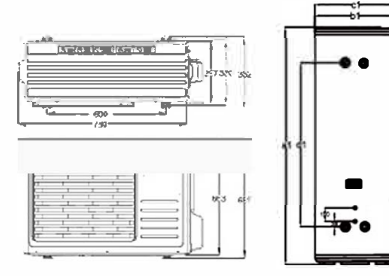
DESIGN

- LED display with touch control
- Off peak power



FEATURES Specification

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



Model (system)	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
Corrosionproof	Magnesium anode	Magnesium anode
Water proof grade	IPX4	IPX4
Performance		
Type of extraction	Exterior	Exterior
COP@7 °C (EN16147)	3.09	3.20
COP@15 °C (EN16147)	3.70	4.30
Tapping cycle (EN16147)	L	XL
Electric backup power (W)	2150	2150
Average input - heat pump only(W)	665	885
Maximum input - heat pump only(W)	1000	1350
Maximum power input (W)	3150	3500
Standby power input/ Pes(W) (@7 °C)	28	29
Maximum volume of usable hot water (L) (EN16147)	245	382
Heating up time (h) (@7 °C)	4h03	4h45
Heating up time (h) (@15 °C)	3h26	3h58
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
Dimensions and connections		
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	60	51

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