

Sunamp and Heat Pumps

ErP Rating

A+



Cascades of hot water from a heat pump? No problem

Cheaper to run, with lower carbon emissions and minimal maintenance requirements, heat pumps are a sensible alternative to fossil fuel heating systems – especially if you care about the environment. They work by extracting heat from the air, ground or a water source providing a sustainable, energy-saving heating solution for your home. However, they also require hot water storage, which could rob valuable space in your home.

The space-saving Sunamp UniQ HW +iLTHP heat batteries work with low temperature heat pumps to provide hot water for all your kitchen and bathroom needs. And they won't let you down. With a signal from the heat pump these heat batteries can be boosted electrically if required, and the internal element will also operate as an automatic backup. This means you can be sure of having an abundance of hot water always.

Our easy to fit Sunamp UniQ HW +iLTHP offers a better alternative to outdated indirect cylinders and thermal stores for compatible heat pumps.



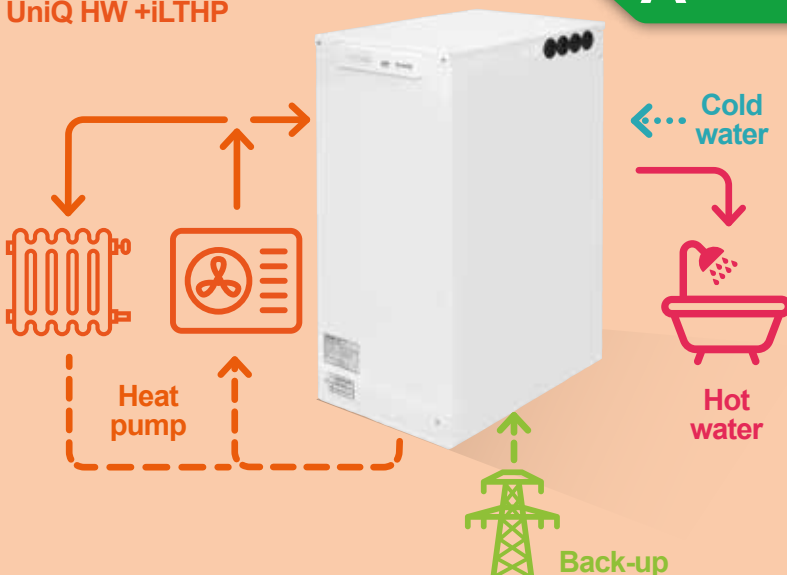
UniQ	HW3 +iLTHP-SG	HW6 +iLTHP-SG	HW9 +iLTHP-SG	HW 12 +iLTHP-SG	HW3 +iLTHP-DN	HW6 +iLTHP-DN	HW9 +iLTHP-DN	HW12 +iLTHP-DN
Compatible with	Samsung Heat Pumps AE050RXYDEG/EU, AE080RXYDEG/EU & AE120RXYDEG/EU (+MIM-E03CN)				Daikin Heat Pumps ERGA04DVA, ERGA06DVA & ERGA08DVA (+EHBH04D6V or EHBH08D6V)			
MPN/Order code	DGP-ECW-AXZ	DKP-ECW-AXZ	DNP-ECW-AXZ	DRP-ECW-AXZ	DGP-EDW-AYZ	DKP-EDW-AYZ	DNP-EDW-AYZ	DRP-EDW-AYZ
Heat Storage Capacity (kWh) ¹	3.2	6.3	9.5	12.6	3.2	6.3	9.5	12.6
Equivalent Hot Water Cylinder Size ²	65	128	192	256	65	128	192	256
V40, Volume of Hot water available at 40°C (L)	78	167	271	333	78	167	271	333
Standby Heat Loss (kWh/24h [W])	0.48 / [20]	0.68 / [28]	0.77 / [32]	0.84 / [35]	0.48 / [20]	0.68 / [28]	0.77 / [32]	0.84 / [35]
Energy Label	A+	A+	A+	A+	A+	A+	A+	A+
Heater Power Rating (~230V)	2.8 kW	2.8 kW	2.8 kW	2.8 kW	2.8 kW	2.8 kW	2.8 kW	2.8 kW
Height (mm)	455	650	860	1070	455	650	860	1070
Width x Depth (mm)	365 x 575	365 x 575	365 x 575	365 x 575	365 x 575	365 x 575	365 x 575	365 x 575

¹ Heat Battery charged to design operating temperature and then discharged using inlet water temperature at 10°C, until the outlet water temperature dropped to 40°C.

² Calculated from the storage capacity of the Heat Battery and assuming that the hot water cylinder thermostat is set at 60°C, mains cold water inlet temperature is at 10°C and the stored energy utilisation factor of cylinder is 0.85.

How it works

UniQ HW +iLTHP



Key Features

- Works with Daikin and Samsung LTHPs
- Instant hot water at mains pressure
- Failsafe: backup internal electric heating element
- Extremely low heat losses
- Significantly reduced legionella risk
- Easier installation
- No mandatory annual maintenance
- Space-saving: typically up to 4 times smaller than the equivalent hot water cylinders
- Reliable
- Modular: easily combined to increase storage capacity