SUNAMP

THERMINO xPlus

A+

The future of hot water is here

Thermino xPlus is the small and smart alternative to indirect hot water cylinders

PHOTOVOLTAIC SOLAR PANEL READY

Solar power diverter required

Space-saving innovation:
Up to 4 x smaller than conventional hot water cylinders

Add heat pump or solar PV at any time:
Easy and affordable upgrade to low carbon efficiency with Optimino keys

Invigorating showers:
Enjoy the luxury of mains pressure showers and on-demand hot water

Hassle-free:
Easy to install and no mandatory annual maintenance on the appliance
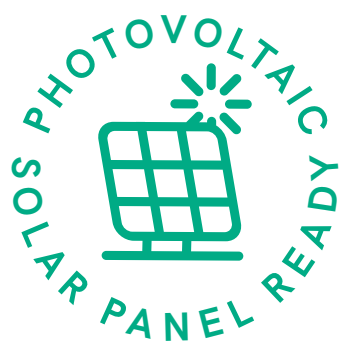
Super efficient:
Ultra low heat losses

Save money on bills:
Charge off-peak using time of use tariffs or with free solar electricity
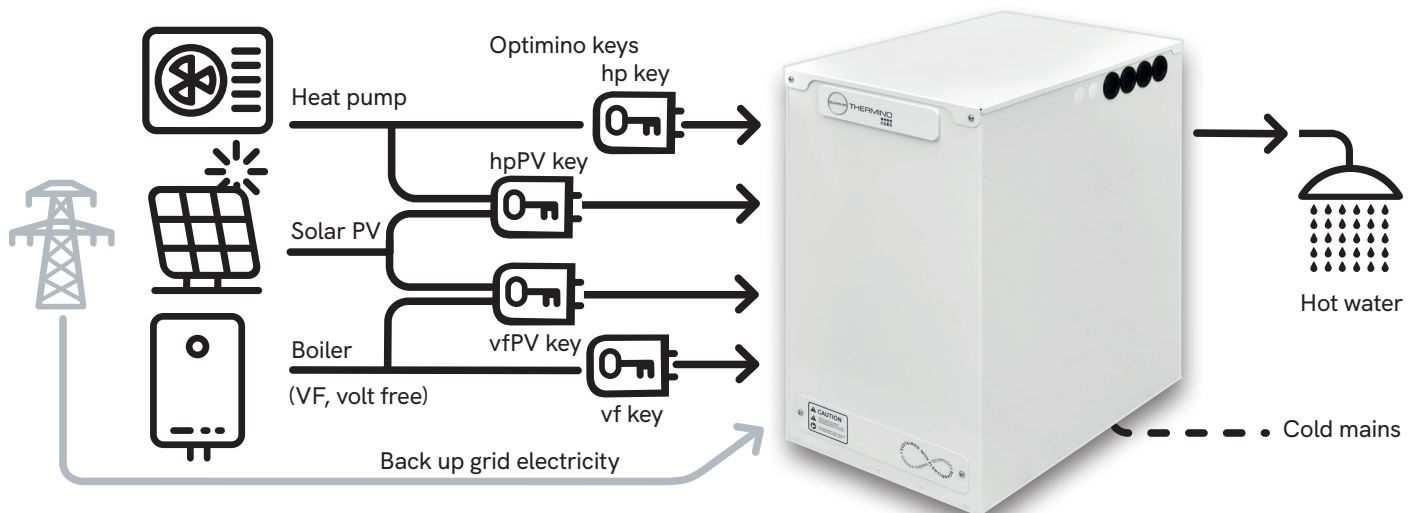
Legionella protection:
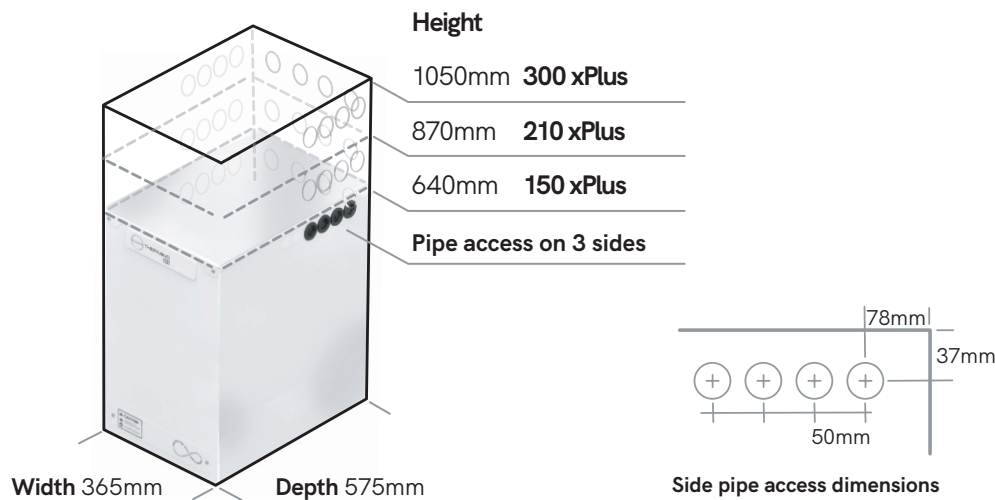Innovative design minimises risk of Legionella

Now with Optimino technology

How Thermino works

Heat pump

Solar PV

Boiler
(VF, volt free)

Back up grid electricity

Optimino keys
hp key

hpPV key

vfPV key

vf key

Hot water

Cold mains

Thermino xPlus Dimensions

Height

1050mm **300 xPlus**

870mm **210 xPlus**

640mm **150 xPlus**

Pipe access on 3 sides

Width 365mm   **Depth** 575mm

78mm

37mm

50mm

Side pipe access dimensions
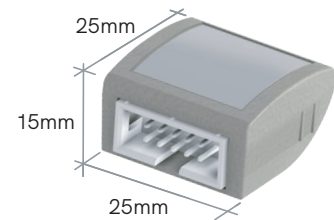
Optimino xPlus keys

Thermino technology is **futureproof**. Thermino xPlus can work with boilers, heat pumps and solar PV by adding the correct Optimino key.

25mm

15mm

25mm

Thermino xPlus technical data	150 xPlus	210 xPlus	300 xPlus
Heating element capacity at 230V, 50 Hz (W)	**1,800**		
Manufacturer's part number	BKP-KNW-AVZ-1	BNP-KNW-AVZ-1	BRP-KNW-AVZ-1
Heating element capacity at 230V, 50 Hz (W)	**2,800**		
Manufacturer's part number	DKP-KNW-AVZ-1	DNP-KNW-AVZ-1	DRP-KNW-AVZ-1
Equivalent hot water cylinder size (L)	128	192	256
V40* (L)	167	271	333
Heat loss rate (kWh/24h) (W)	0.67 (28.1)	0.77 (32.1)	0.84 (34.9)
Energy efficiency rating class	A+		
Recommended maximum flow rates (L/min)	15	20	25
Minimum mains supply pressure (bar/MPa)	1.5/0.15		
Maximum working pressure (bar/MPa)	5/0.5		
Recommended TMV temperature (°C)	45-55		
Product weight in use (kg)	136	187	233

* V40 refers to the volume (in litres) of hot water available at 40°C.
NOTE: In line with UK Building Regulations, Sunamp advise the installation of a suitable hot water supply tempering valve at the outlet of the appliance, to prevent the risk of scalding.

Scan here to select the Optimino key to match your system set up