

Quality assured



World leading
thermal storage
technologies

www.sunamp.com

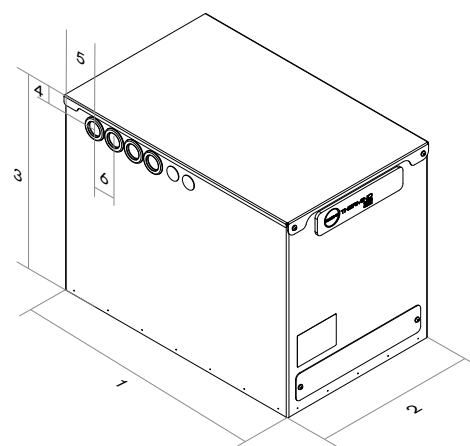
Edinburgh | Zurich | New York

Thermino hpPV-VT technical data and dimensions

	150 hpPV-VT	210 hpPV-VT	300 hpPV-VT
Manufacturer's Part Number	DKP-DHW-ATZ-1	DNP-DHW-ATZ-1	DRP-DHW-ATZ-1
Equivalent hot water cylinder size (l)	128	192	256
V40 volume of hot water	167	371	333
Water content – primary circuit (l)	3.7	5.3	6.4
Water content – secondary circuit (l)	3.7	5.3	6.4
Heat loss rate (kwh/24) (w)	0.67 (28.1)	0.77 (32.1)	0.84 (35)
Energy efficiency rating class	A+		
Recommended flow rates (lpm)	15	20	25
Minimum heat source flow temperature	65°C		
Maximum heat source flow temperature	80°C		
Maximum mains supply pressure	1.5bar (0.15mpa)		
Maximum mains pressure	10bar (1.0mpa)		
Hot water temperature	45-55°C		
Connected load at 230v, 50hz (w)	2,800		
Product weight (empty) (kg)	129	176	220

*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.

(mm)	150hpPV-VT	210hpPV-VT	300hpPV-VT
Dimension 1	575	575	575
Dimension 2	365	365	365
Dimension 3	640	870	1,050
Dimension 4	37	37	37
Dimension 5	78	78	78
Dimension 6	50	50	50



Optional Extras



500ml expansion vessel
C5407



Tempering valve
C5388



myenergi Eddi
energy diverter
C2160



THERMINO

Thermino hpPV-VT – The heat pump cylinder alternative linked to solar PV for greater protection against soaring energy costs. Compatible with Vaillant Arotherm Plus heat pumps.



Old technology



THERMINO

Space-saving – up to 4 times smaller than the hot water cylinder it replaces

Enables heat pump systems to be installed where otherwise they wouldn't fit

Lower heat losses – up to 4 times higher energy efficiency

A+ energy rating - saves up to 1000kWh a year

High flow rate hot water

Instantaneously heated for hygiene and freshness

Fast and easy to install – no tundish, no overflow pipework, no P&T safety valve to maintain

No mandatory annual maintenance

Market-leading 10-year warranty on the heating element

Heat source Thermino hpPV-VT



Vaillant Arotherm Plus and Solar PV

NOTE Heat pump system must be capable of 65°C at battery inlet

A SUSTAINED WITH TECHNOLOGY
SUNAMP THERMAL PLENTIGRADE