

Quality assured



World leading
thermal storage
technologies

www.sunamp.com

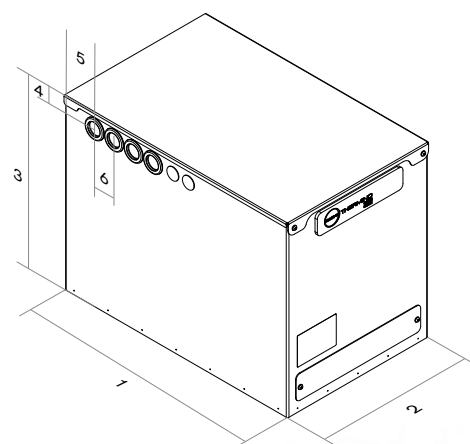
Edinburgh | Zurich | New York

Thermino hp-VT technical data and dimensions

	150 hp-VT	210 hp-VT	300 hp-VT
Manufacturer's part number	DKP-CHW-AVZ-1	DNP-CHW-AVZ-1	DRP-CHW-AVZ-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 Litres	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)	150 hp-VT	210 hp-VT	300 hp-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 hp-VT – Best in class heat generation meets best in class heat storage. Allows heat pumps to be installed in homes with no space for an indirect hot water cylinder. Thermally charged, boosted electrically if needed.

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 hp-VT



Vaillant Arotherm Plus

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

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SUNAMP THERMAL PLENTIGRADE