

Dynamic High Heat Retention (HHR) Storage Heater Specification Sheet



Product Description

The 'Dynamic' HHR is an advanced High Heat Retention Electric Storage Heater that provides low cost, low carbon, electric heating with revolutionary electronic time and temperature control.

Key Features

- Complies with Lot 20 of ERP Directive
- Meets criteria for SAP High Heat Retention Storage Heater
- Customisable heating with four time & temperature settings per day
- Dynamic, intelligent charge calculation stores only the energy you need.
- Adaptive start pre-heating and open window detection auto-shutdown
- Up to 27% cheaper to run than a standard storage heater system**

**According to independent testing

Requires Energy Cell Packs to function Item: 047243 (included with purchase)

Output

Model No.	Input Rating +5%/ -10%	Output Rating	Boost Mode Rating	Maximum Storage Capacity (Wh)
HSDHHR050	1020W	500W	340W	7140
HSDHHR070	1560W	700W	520W	10920
HSDHHR100	2220W	1000W	740W	15540
HSDHHR125	2760W	1250W	920W	19320
HSDHHR150	3300W	1500W	1100W	23100

Technical Details

Controls	Digitally controlled, Electronic Thermostat accurate to ($\pm 0.2^{\circ}\text{C}$). Setpoint range (7-30 $^{\circ}\text{C}$) Timer modes: 7 Day Programmable User Timer; Out All Day, Home All Day Continuous heat modes: Frost Protect Additional Modes: Away, Boost, Setback
Controller UI	<ul style="list-style-type: none"> • Graphical display with RGB backlight • Tactile buttons with audio feedback • User replaceable battery (Coin-Type)
Controller Functions	<ul style="list-style-type: none"> • Open window detection • Adaptive Start • Advance Time Period • Automatic Charge Control • History/Reporting Screens • Boost Mode, User Adjustable • Heat Demand % Adjustment • Simple Child Lock & Full Heater Lock (PIN-based)
Safety Features	Electronic overheat protection. Additional electromechanical overheat protection. LVD and EMC compliance.
Storage Core	High-density bonded magnetite energy cells
Colour/ Finish	White (RAL 9016) 'Traffic White' Grill RAL7035 anodised
Battery Backup	CR2032 Lithium Manganese Dioxide 3V coin cell battery to backup real time clock. Battery life > 5 years.
Supply	1/N/1/N/PE ~230-240V (Twin Supply) 230-240V / 50 Hz Class I 1/N/PE ~230-240V (Single Supply) 230-240V / 50 Hz Class I
IP Rating	IPX4
Approvals	CE, LVD, EMC, BEAB
Warranty	2 Years 10 Years Body Warranty
Country of Origin	United Kingdom
Product Series	A
Manufacturer	Heatstore

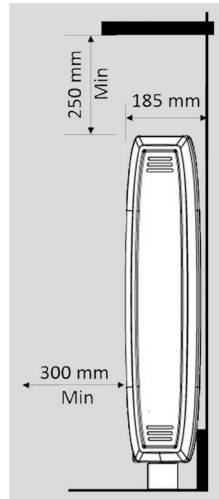
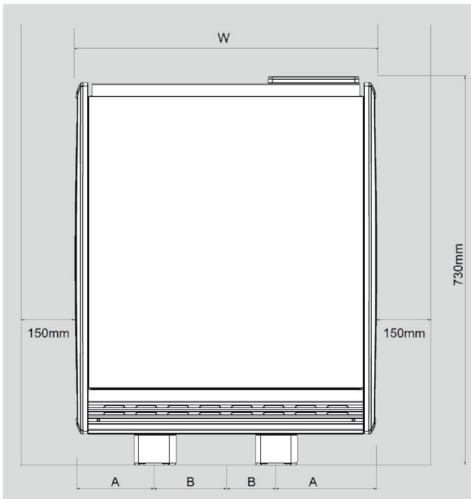


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Dimensions

Model/Item No.	HSDHHR050	HSDHHR070	HSDHHR100	HSDHHR125	HSDHHR150
Output (kW)	0.50	0.70	1.00	1.25	1.50
Height (mm)	730	730	730	730	730
Width 'W' (mm)	580	703	865	1069	1069
Depth (mm)	185	185	185	185	185
Weight W/o Cells (Kg)	22.7	27.2	29.4	35.5	38.6
Weight W/Cells (Kg)	67	91	115	142	165
Energy Cell Packs Required	4	6	8	10	12



Packaging Details

Model/Item No.	HSDHHR050	HSDHHR070	HSDHHR100	HSDHHR125	HSDHHR150
Height (mm)	780	780	780	780	780
Width (mm)	750	870	990	1230	1230
Depth (mm)	250	250	250	250	250
Packed Weight (KG)	24	28	32	38	41
Qty of HHR per pallet row	5	5	5	4	4
Number of HHR high per pallet	2	2	2	2	2
Pallet Quantity (2.4m high)	10	10	10	8	8

