

SPECIFICATION & SIZING

Controls	Charge Controller	Dynamic Efficiency+	Thermal Cut-out (Safety Devices)
Electronic user interface with LCD display offering room temperature setting, 7-day programmer, installer settings, 3 pre-set timer profiles, holiday settings and more.	Fully automatic charge controller incorporates self learning algorithms to optimise daily energy storage, using multiple sensors to automatically adjust the charge taken based on recent energy use patterns and future programmed requirements.	Electronic thermostat accurate to +/- 0.3°C during heater operation.	<ul style="list-style-type: none"> Electromechanical cut-out (manual reset). Electromechanical limit thermostat (self resetting). Electromechanical over temperature thermostat for fan. Electromechanical over temperature limit thermostat for fan.

Fan	Charge Controller	Battery Backup	Safety Devices
Low rev/low noise heat circulation fan with variable speed and soft start.	Front, rear top and ends - microporous silica. Base - calcium silicate slab.	3.3V coin cell battery to backup real time clock. Battery life > 5 years.	CE, BEAB, EN60335, EMC

Storage Core	Colour/Finish	Supply	Warranty
High density bonded magnetite energy cells.	White.	230-240V/50Hz. Off-peak + 24 hour supply required.	2 years.

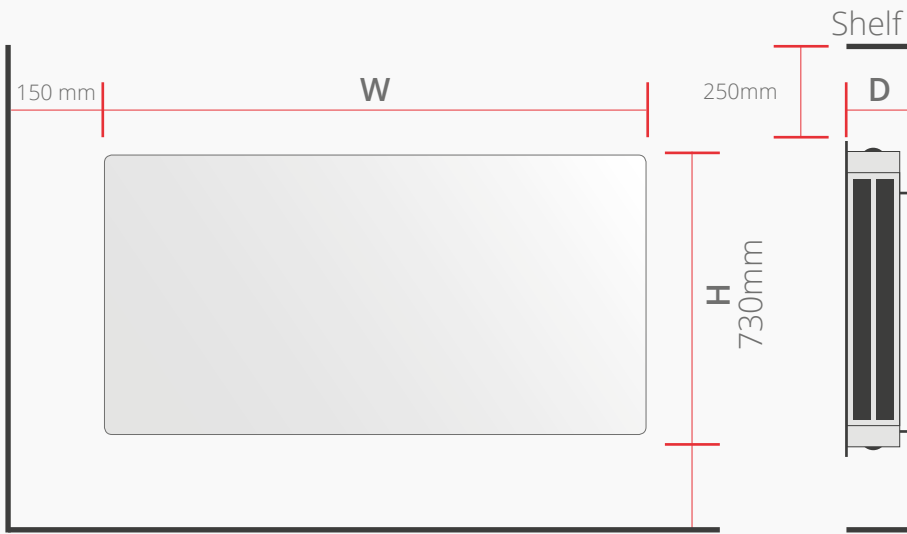
Thermal Insulation

Front, rear, top and ends - microporous silica.
Base - calcium silicate slab.

MODEL NO.	HSDQ070	HSDQ100	HSDQ125	HSDQ150
HEIGHT	730mm	730mm	730mm	730mm
WIDTH	703mm	865mm	1069mm	1069mm
DEPTH	185mm	185mm	185mm	185mm
INSTALLED WEIGHT	83kg	107kg	135kg	155kg
OUTPUT RATING (STORED ENERGY)	700W	1000W	1250W	1500W
INPUT RATING	1560W	2200W	2760W	3300W
MAX. STORAGE CAPACITY	10.9kWh	15.4kWh	19.3kWh	23.1kWh
BOOST ELEMENT RATING	630W	880W	1130W	1300W

MODEL NO.	HSDQ070	HSDQ100	HSDQ125	HSDQ150
ENERGY CELL PACKS REQUIRED	6	8	10	12

MAIN & FIXING DIMENSIONS



HSDQ070



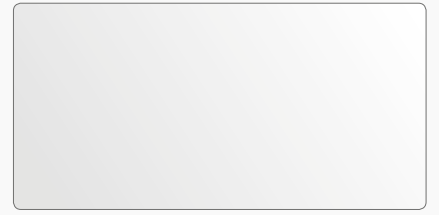
703mm

HSDQ100



865mm

HSDQ125 AND HSDQ150



1069mm

