

## Quantum Heater



## Technical Details

<b>Controls</b>	Electronic user interface with LCD display offering room temperature setting, 7-day programmer, installer settings, 3 pre-set timer profiles and more.
<b>Charge Controller</b>	Automatic charge controller incorporates self learning algorithms to optimise daily energy storage, using multiple sensors to automatically adjust the charge taken based on past consumption and future programmed requirements.
<b>Safety Cut out</b>	Electromechanical limit thermostat (self resetting). Electromechanical cut-out (manual reset). Electromechanical over temperature thermostat for fan. Electromechanical over temperature limit thermostat for fan.
<b>Storage Core</b>	High density bonded magnetite energy cells.
<b>Construction</b>	Powder coated steel casing with high heat retention storage core containing high density magnetite storage cells, insulated with microporous silica and calcium silicate,
<b>Colour/ Finish</b>	White
<b>Battery Backup</b>	3.3V coin cell battery to backup real time clock. Battery life > 5 years.
<b>Supply</b>	1/N/PE/1/N/PE 230/240V, 50Hz
<b>Approvals</b>	EN60335 / EMC / CE
<b>Warranty</b>	2 years

## Output

Model No.	Input Rating +5%/-10%	Output Rating	Boost Mode Rating	Maximum Storage Capacity (Wh)
QM050	1020W	500W	400W	7140
QM070	1560W	700W	630W	10920
QM100	2220W	1000W	880W	15540
QM125	2760W	1250W	1130W	19320
QM150	3300W	1500W	1300W	23100

## Product Description

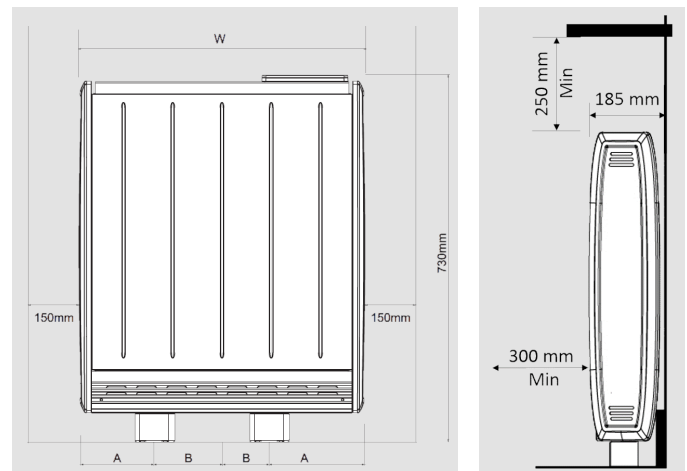
Quantum provides low cost, low carbon, electric heating with revolutionary electronic time and temperature control.

## Key Features

- Ultra efficient heating system with low running costs delivered by maximising the utility of off-peak tariffs
- Dynamic storage capacity - automatically adjusts to user requirements
- Infinitely controllable electronic heat output to precisely match user lifestyle
- Incredibly quiet fan assisted heat output
- Attractive state-of-the-art design, no deeper than a double wet radiator
- Chassis covers previous "fixing marks" of comparably sized traditional storage heaters and larger sizes come with adjustable feet positions

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

## Dimensions



Model/Item No. EAN-Code (5011139 + Item No.)	054784	QM050	046154	QM070	046161	QM100	046178	QM125	046185	QM150
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)		24.8	27.2		29.4		38		38.6	
Weight W/Cells (Kg)		66	83		107		135		155	
Energy Cell Packs Required		4	6		8		10		12	

### Packaging Details

	QM050	QM070	QM100	QM125	QM150
Height (mm)	752	752	752	752	752
Width (mm)	737	859	981	1225	1225
Depth (mm)	233	233	233	233	233
Packed Weight (KG)	38.8	58.2	77.6	97	116.4
Ti	5	5	5	4	4
Hi	2	2	2	2	2
Pallet Quantity (2.4m high)	10	10	10	8	8