Quantum Heater

Technical Details

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

Output

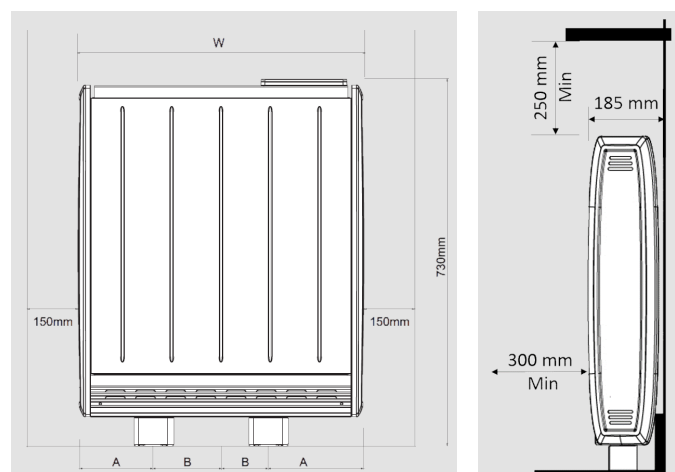| Model No.	Input Rating +5%/-10%	Output Rating	Boost Mode Rating	Maximum Storage Capacity (Wh)
QM050	1020W	500W	400W	7140
QM070	1560W	700W	630W	10920
QM100	2220W	1000W	880W	15540
QM125	2760W	1250W	1130W	19320
QM150	3300W	1500W	1300W	23100

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					
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