

Quantum HHR Storage Heater



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) Radio Frequency Module for Dimplex Control support*
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 & BEAB
Warranty	2 Years standard. 10 Years extended available with registration.
Country of Origin	United Kingdom
Product Series	Series G.6
Manufacturer	GDC Group Ltd. Trading as Glen Dimplex Heating & Ventilation

Output

Model No.	Input Rating +5%/-10%	Output Rating	Boost Mode Rating	Maximum Storage Capacity (Wh)
QM050RF	1020W	500W	340W	7140
QM070RF	1560W	700W	520W	10920
QM100RF	2220W	1000W	740W	15540
QM125RF	2760W	1250W	920W	19320
QM150RF	3300W	1500W	1100W	23100

Product Description

Quantum is an advanced high heat retention electric storage heater with a clean look and reliable performance. Quantum provides low cost, low carbon, electric heating and temperature control.

Key Features

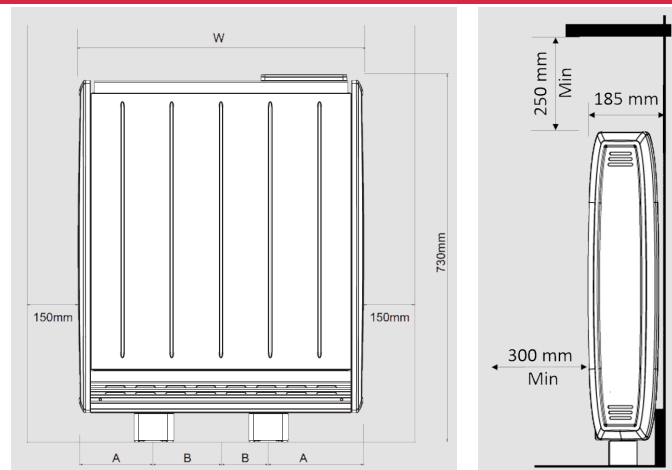
- Complies with Lot 20 of ERP Directive
- Meets criteria for SAP High Heat Retention Storage Heater
- Customisable heating with four time & temperature settings per day
- Dynamic, intelligent charge calculation stores only the energy you need.
- Adaptive start pre-heating and open window detection auto-shutdown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

*Requires additional hardware, sold separately. A Dimplex Hub device is required for this product to connect to the Dimplex Control system and be controlled via the Dimplex Control smartphone app. Item: 065698

**According to independent testing

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

Dimensions



Model/Item No. EAN-Code (5011139 + Item No.)	QM050RF 081407	QM070RF 081520	QM100RF 081414	QM125RF 081421	QM150RF 081438
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	26.1	30	35.5	38.5
Weight W/Cells (Kg)	67	91	115	142	165
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)	24	28	32	38	41
Ti	5	5	5	4	4
Hi	2	2	2	2	2
Pallet Quantity (2.4m high)	10	10	10	8	8

Quantum Tall Feet Kit

Model Code	QFEET
Product Code	080479
Barcode	5011139080479
Warranty	2 Years standard. Extended available with registration.
Country of Origin	United Kingdom
Manufacturer	GDC Group Ltd. Trading as Glen Dimplex Heating & Ventilation

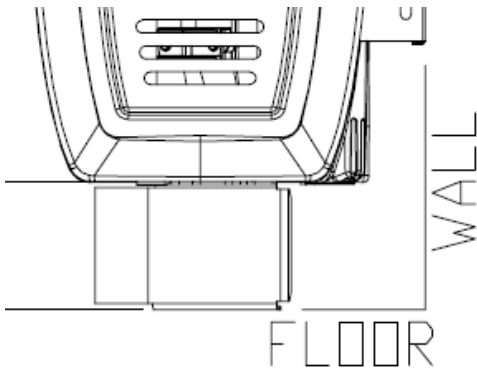
Product Description

The Quantum Tall Foot Kit replaces the standard feet supplied in the carton, raising the product further up off the floor in order to clear taller skirting boards.

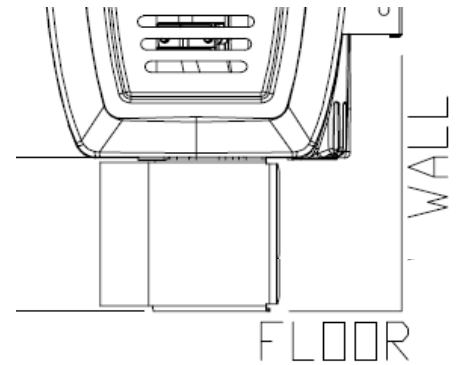
This removes the need for a plinth, or the modification of the skirting board itself.

Dimensions

Standard Foot



Tall Foot Kit



	A (mm)	B (mm)	C (mm)	Weight
Standard Foot	28	60	123	
Tall Foot	28	140	203	
Packaging Details				
	Height (mm)	Width (mm)	Depth (mm)	Weight
Tall Foot	203	225	132	