

## Quantum HHR Storage Heater



### Technical Details

<b>Controls</b>	Digitally controlled, Electronic Thermostat accurate to ( $\pm 0.2^{\circ}\text{C}$ ). Setpoint range (7-30 $^{\circ}\text{C}$ ) <b>Timer modes:</b> 7 Day Programmable User Timer, Out All Day, Home All Day <b>Continuous heat modes:</b> Frost Protect <b>Additional Modes:</b> Away, Boost, Setback
<b>Controller UI</b>	<ul style="list-style-type: none"> <li>Graphical display with RGB backlight</li> <li>Tactile buttons with audio feedback</li> <li>User replaceable battery (Coin-Type)</li> <li>Radio Frequency Module for Dimplex Control support*</li> </ul>
<b>Controller Functions</b>	<ul style="list-style-type: none"> <li>Open window detection</li> <li>Adaptive Start</li> <li>Advance Time Period</li> <li>Automatic Charge Control</li> <li>History/Reporting Screens</li> <li>Boost Mode, User Adjustable</li> <li>Heat Demand % Adjustment</li> <li>Simple Child Lock &amp; Full Heater Lock (PIN-based)</li> </ul>
<b>Safety Features</b>	Electronic overheat protection. Additional electromechanical overheat protection. LVD and EMC compliance.
<b>Storage Core</b>	High-density bonded magnetite energy cells
<b>Colour/ Finish</b>	White (RAL 9016) 'Traffic White' Grill RAL7035 anodised
<b>Battery Backup</b>	CR2032 Lithium Manganese Dioxide 3V coin cell battery to backup real time clock. Battery life > 5 years.
<b>Supply</b>	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
<b>IP Rating</b>	IPX4
<b>Approvals</b>	CE & BEAB
<b>Warranty</b>	2 Years standard. 10 Years extended available with registration.
<b>Country of Origin</b>	United Kingdom
<b>Product Series</b>	Series G.6
<b>Manufacturer</b>	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

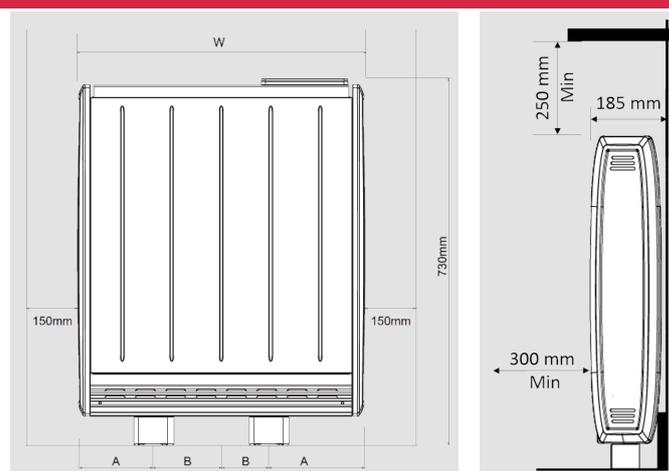
- Complies with Lot 20 of ERP Directive
- Meets criteria for SAP High Heat Retention Storage Heater
- Customisable heating with four time & temperature settings per day
- Dynamic, intelligent charge calculation stores only the energy you need.
- Adaptive start pre-heating and open window detection auto-shutdown
- 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.)	081407	QM050RF	081520	QM070RF	081414	QM100RF	081421	QM125RF	081438	QM150RF
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

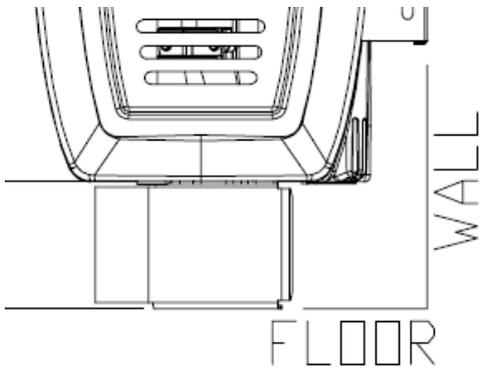
## Product Description

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.

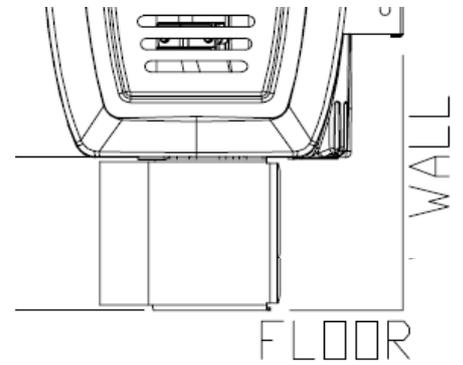
This removes the need for a plinth, or the modification of the skirting board itself.

## 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	