

## Products

**Boiling water** Supreme | Supreme SS

**Chilled water** SuperChill

**Cistern-fed water heating** Megalife HE | Megalife Solar

**Cistern-type water heating** FBM

**Electric flow boiler** Amptec | Electromax

**Electric panel heaters** Aerheat

**Electric showers** Accolade | Carousel | Sapphire | Cameo

**Hand hygiene** Handy | Concept | Hair Drier | Handy Dri

**Immersion heaters** Titanium | Superloy | Gold Dot | Maxistore | RDT Thermostats

**Point of use** Streamline | Express | UTC 99 | B3M | C3M | Vented tap range

**Small unvented water heating** Hotflo | Multipoint

**Unvented water heating** Megaflo HE | Megaflo HE SystemFit | Megatech Solar

For free product brochure(s) call our literature hotline on 01603 420127

## Contact

**Specification** T: 01603 420220 F: 01603 420229 E: [specifier@heatraesadia.com](mailto:specifier@heatraesadia.com)

**Sales** T: 08700 603262 F: 08700 600403 E: [sales@heatraesadia.com](mailto:sales@heatraesadia.com)

**Service** T: 08701 600125 F: 08701 600181 E: [heatraesadiaservice@heateam.co.uk](mailto:heatraesadiaservice@heateam.co.uk)

**Web** [www.heatraesadia.com](http://www.heatraesadia.com)

### National service network

Heatrae Sadia products are inherently reliable and are designed to meet the demanding needs of all users.

A nationwide network of experienced engineers is available to provide fast and efficient on-site service support.

In addition, spare parts for the complete range of products are readily available through a wide variety of stockists.



Heatrae Sadia Heating Hurricane Way Norwich Norfolk NR6 6EA

Heatrae Sadia Heating may introduce modifications to their products from time to time. Consequently, the details given in this brochure are subject to alteration without notice.

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## Electric panel heating

Aerheat





Ordering guide			
Model	Description	Colour	Product code
A050	500W with Thermostat	Dove White	95:022:400
A075	750W with Thermostat & Switches	Dove White	95:022:401
A100	1000W with Thermostat & Switches	Dove White	95:022:402
A125	1250W with Thermostat & Switches	Dove White	95:022:403
A150	1500W with Thermostat & Switches	Dove White	95:022:404
A200	2000W with Thermostat & Switches	Dove White	95:022:405
A050TI	500W with Thermostat & 24hr Timer	Dove White	95:022:406
A075TI	750W with Thermostat, Switches & 24hr Timer	Dove White	95:022:407
A100TI	1000W with Thermostat, Switches & 24hr Timer	Dove White	95:022:408
A125TI	1250W with Thermostat, Switches & 24hr Timer	Dove White	95:022:409
A150TI	1500W with Thermostat, Switches & 24hr Timer	Dove White	95:022:410
A200TI	2000W with Thermostat, Switches & 24hr Timer	Dove White	95:022:411
A050W	500W with Wireless Control	Dove White	95:022:412
A075W	750W with Wireless Control	Dove White	95:022:413
A100W	1000W with Wireless Control	Dove White	95:022:414
A125W	1250W with Wireless Control	Dove White	95:022:415
A150W	1500W with Wireless Control	Dove White	95:022:416
A200W	2000W with Wireless Control	Dove White	95:022:417
A050SS	500W with Thermostat	S/Steel	95:022:418
A075SS	750W with Thermostat & Switches	S/Steel	95:022:419
A100SS	1000W with Thermostat & Switches	S/Steel	95:022:420
A125SS	1250W with Thermostat & Switches	S/Steel	95:022:421
A150SS	1400W with Thermostat & Switches	S/Steel	95:022:422
A200SS	2000W with Thermostat & Switches	S/Steel	95:022:423
A050TISS	500W with Thermostat & 24hr Timer	S/Steel	95:022:424
A075TISS	750W with Thermostat, Switches & 24hr Timer	S/Steel	95:022:425
A100TISS	1000W with Thermostat, Switches & 24hr Timer	S/Steel	95:022:426
A125TISS	1250W with Thermostat, Switches & 24hr Timer	S/Steel	95:022:427
A150TISS	1400W with Thermostat, Switches & 24hr Timer	S/Steel	95:022:428
A200TISS	2000W with Thermostat, Switches & 24hr Timer	S/Steel	95:022:429
A050SSW	500W with Wireless Control	S/Steel	95:022:430
A075SSW	750W with Wireless Control	S/Steel	95:022:431
A100SSW	1000W with Wireless Control	S/Steel	95:022:432
A125SSW	1250W with Wireless Control	S/Steel	95:022:433
A150SSW	1400W with Wireless Control	S/Steel	95:022:434
A200SSW	2000W with Wireless Control	S/Steel	95:022:435
07RTR	65W Ladder Towel Rail 7 Rungs	Chrome	95:022:436
10RTR	100W Ladder Towel Rail 10 Rungs	Chrome	95:022:437
WC1	Wireless Controller	White	95:970:404
S1	Sensor	White	95:970:405



**Megaflo HE** Direct cylinders are the ideal partner for Aerheat panel heaters.

Whether in rural areas, new housing projects, multi-floor dwellings or in one of over two million homes where gas supply is an issue the Megaflo HE Direct can provide all of your domestic hot water needs electrically.

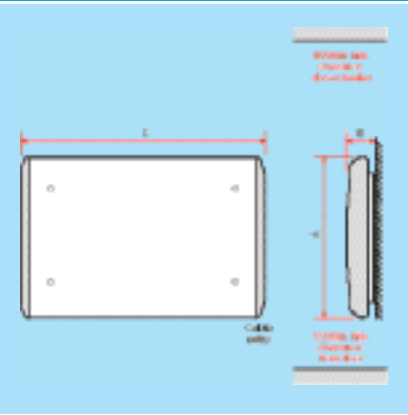
Megaflo HE is the market leading range of unvented domestic hot water cylinders and boasts a number of features and benefits including:

- Duplex stainless steel construction
- Internal air gap
- Patented floating baffle
- 3kW long-life Superloy 825 alloy sheathed element(s)
- High flow rates
- Fast filling baths
- Powerful mains pressure showering
- Solar option (Megatech Solar)
- 25 year on-site parts and labour guarantee

Megaflo HE Direct cylinders and Aerheat electric panel heaters make the perfect package for heating and domestic hot water in ‘all electric’ dwellings.

For more information on Megaflo HE please contact our sales team on 08700 603262 or for a brochure call 01603 420127.

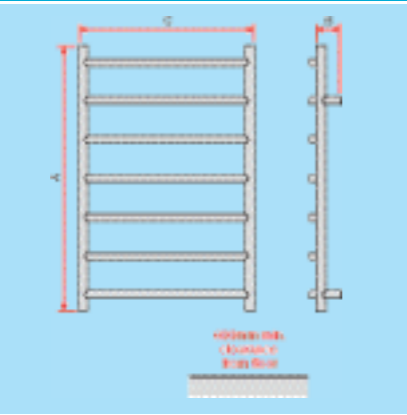
Panel heater



Panel heater dimensions

Model	A mm	B mm	C mm
A050	430	93	442
A075	430	93	442
A100	430	93	614
A125	430	93	614
A150	430	93	680
A200	430	93	852
A050TI	430	93	442
A075TI	430	93	442
A100TI	430	93	614
A125TI	430	93	614
A150TI	430	93	680
A200TI	430	93	852
A050W	430	93	442
A075W	430	93	442
A100W	430	93	614
A125W	430	93	614
A150W	430	93	680
A200W	430	93	852
A050SS	430	93	442
A075SS	430	93	442
A100SS	430	93	614
A125SS	430	93	614
A150SS	430	93	680
A200SS	430	93	852
A050TISS	430	93	442
A075TISS	430	93	442
A100TISS	430	93	614
A125TISS	430	93	614
A150TISS	430	93	680
A200TISS	430	93	852
A050SSW	430	93	442
A075SSW	430	93	442
A100SSW	430	93	614
A125SSW	430	93	614
A150SSW	430	93	680
A200SSW	430	93	852

Towel rail



Towel rail dimensions

Model	A mm	B mm	C mm
07RTR	796	117	525
10RTR	1156	117	525

Specification of panel heaters and towel rails

**Sizes**  
Panel heaters – 500W, 750W, 1000W, 1250W, 1400W (rating only applies to Stainless Steel models), 1500W (Dove White models only) and 2000W.  
Towel rails – 65W and 100W (7 and 10 rungs respectively).

**Colour**  
Panel heaters – Dove White or Stainless Steel.  
Towel rails – Chrome.

**IPX Rating** IPX4.  
**Safety** Automatic safety cut-out.

**Frost Protection** All models are fitted with an additional frost protection thermostat. In the event of the ambient temperature falling to 5°C, with the heater switched on but the timer in an off period, this additional thermostat will override the timer and switch the heater on. The heater will remain on while the temperature remains at 5°C or below. When the timer reaches an 'on' period, this will then bring the other controls into operation and override the frost protection thermostat.

**Approvals** Stand alone panel heaters BEAB and CE marked. Towel rails and wireless panel heaters CE marked. Panel heaters manufactured in the UK in an ISO 9000:2000 factory.



Installation of panel heaters

**Panel heaters**  
Electrical installation should be carried out by a competent installer, preferably registered with NICEIC (National Inspection Council for Electrical Installation Contracting) in accordance with the 16th edition of the IEE Wiring Regulations, (BS7671), and any relevant local authority bye-laws.

This heater is fitted with a 3-core mains supply cable and should be permanently connected to the electricity supply via a double pole switch having 3mm gap on each pole.

A switched fused connection unit to BS1363; Part 4 is a recommended mains supply connection accessory to ensure compliance with safety requirements applicable to fixed-wiring installation.

**Note:** When switched on for the first time the appliance may emit a slight smell. This is purely the evaporation of a fluid used in the manufacturing process.

**Warning:** This appliance must be earthed.

Installation of towel rails

The supply circuit must be adequate for the input of the appliance and the towel rail must be connected via a fused, double pole, switched, (having a contact separation of at least 3 mm in each pole), flexible cable outlet and fitted with a 3 Amp fuse or via a plug and socket. The towel rail must be connected in accordance with the latest IEE Regulations and fitted by a competent electrician.

**Important:** When installed in a bathroom, the unit must not be connected via a plug and socket. The towel rail must also be located in the appropriate zone (zone 2 or 3) of the bathroom, in accordance with section 601 of the wiring regulations BS 7671:1992 (Amendment 10983).

**Note:** This class II appliance does NOT require earthing. The side frames of the heated towel rail should be mounted vertically with the curved rungs horizontal. The heated towel rail should be positioned at least 600mm above floor level, with flex entry at bottom.

Guarantee

All Aerheat electric panel heaters, towel rails, controllers and sensors are guaranteed for two years against faulty material or workmanship provided that:

- The unit has been used for purposes in accordance with the instructions provided
- The unit has not been connected to an unsuitable electricity supply
- The unit has not be subject to misuse, neglect, damage
- The unit has not been modified or repaired by any person not authorised by Heatrae Sadia

The correct electricity supply voltage is shown on the rating label attached to the appliance. This guarantee does not affect your statutory rights.



Aerheat ELECTRIC PANEL HEATING

The Heatrae Sadia Aerheat range of electric panel heaters and towel rails offer a modern alternative to wet central heating. Being economical to run, splash-proof and silent in operation they make the perfect choice where space saving and efficiency with style are paramount.

The panel heater range includes 6 ratings from 500W to 2000W and the option of individual controls or wireless versions. Each unit is wall mountable and available in a traditional dove white or contemporary stainless steel finish.

The wireless models are controlled by a small wall mounted unit which offers up to six temperature settings a day, seven days a week and the ability to override, advance boost and setback as required. The temperature stays at a consistent level whilst the energy consumption is adjusted appropriately saving money and creating a better living environment. This system also has a 'keylock' facility which makes the wireless Aerheat range ideal for commercial applications.

The individually controlled models come with the option of thermostat and switches or thermostat, switches and 24 hour timer. The 24 hour timer can be set to give a number of 'On' periods during any 24 hour period.

The Aerheat range also includes two modern chrome ladder towel rails with the option of seven or ten rungs and 65W or 100W ratings respectively.



## Aerheat STAND ALONE

Available in 500W, 750W, 1000W, 1250W, 1400W (Stainless steel models only), 1500W (Dove white models only) and 2000W

Stainless steel or dove white

Optional 24 hour timer

Half-heat switching on thermostatic models (excludes 500W models)

Concealed controls

Silent operation

Automatic safety cut-out

Splash-proof to IPX4 for use in bathrooms and other damp areas

## Aerheat WIRELESS

Available in 500W, 750W, 1000W, 1250W, 1400W (Stainless steel models only), 1500W (Dove white models only) and 2000W

Stainless steel or dove white

Silent operation

Automatic safety cut-out

Splash-proof to IPX4 for use in bathrooms and other damp areas

## Aerheat CONTROLLERS

### 24 hour timer



Can be set to give any combination of on/off intervals to a minimum of 20 minutes operation.

**Selector switch – Manual on, off, 24 hour timer**

**Thermostat – Variable with easy to read numbers**

**‘Frost watch’ mode**

**Heat switches – Each switch gives half heat, both depressed gives full heat (excludes 500W models)**

### Wireless controller



Controls more than one heater (One controller can operate multiple heaters within a zone; more than one controller is required for operation of multiple zones).

**Enhanced economy with energy consumption reducing as the set temperature is approached**

**Seven-day clock. Up to six temperature settings per day**

**Advance, holiday and boost modes**

**Setback temperature facility**

**Large LED display showing °C or °F**

**Keylock mode**

**Easy installation and operation**

**Battery powered**

**‘Frost watch’ mode**

Dimensions: Height 100mm. Depth 20mm. Width 132mm.

### S1 room sensor



**The S1 can be used with any Heatrae Sadia Aerheat heater** and offers the benefit of potential energy savings and improved comfort. Once activated from up to 5 metres the controller allows the heater to increase the room temperature to its designated comfort setting of between 19°C to 25°C. If no movement is detected within a predetermined time (between 30 mins to 3 hours) the heater is switched off or the temperature can be held at a lower background level of between 0°C and 17°C.

Dimensions: Height 85mm. Depth 50mm. Width 85mm. (excluding mounting box).



Each Aerheat panel heater features a chain hinged bracket for ease of access and cleaning.



### Towel Rail

The Aerheat Range includes two modern chrome ladder towel rails.

**65W and 100W**

**7 and 10 rungs**

**4 wall brackets**

**Fitted cable**

**Double insulated Class II appliance, which eliminates the need for supplementary earth bonding**

**Chrome frame and wall brackets**