Heatrae Sadia Amptec

Electric flow boiler

A compact and unobtrusive way of heating water for radiators or underfloor heating, the Amptec is designed for smaller spaces from flats and garages to extensions and loft conversions. As well as being an efficient, low-maintenance solution to zero-carbon heating for new build properties, the Amptec is also suitable for older properties that have flue restrictions, preventing them from having a gas boiler installed.

Versatile
- Available in outputs of 4, 6, 9, 11 and 12kW
- A secure alternative to LPG for homes without a mains gas supply
- Suitable for pressurised or open vented systems
- Works with standard radiators, programmers, circulating pumps, room thermostats and thermostatic radiator valves

Easy to install
- Slimline design with a 90mm² footprint, perfect for areas with limited space
- Lightweight unit

Efficient
- Flue-free and 99.8% efficient
- No heat wasted up the chimney

User-friendly
- No need for annual checks or gas safety certificate
- Silent operation

Reliable
- Expertly manufactured in the UK by a trusted brand with over 150 years' experience
- Built with solid state technology for a longer life
- Soft-start and zero-volt switching to avoid power surges

* See baxi.co.uk for terms and conditions.
## Technical details

<table>
<thead>
<tr>
<th>Product code</th>
<th>4 kW radiator</th>
<th>6 kW radiator</th>
<th>9 kW radiator</th>
<th>11 kW radiator</th>
<th>12 kW radiator</th>
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<td>95.022.001</td>
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## SPECIFICATION

- **Electrical Input Max at 230V**
  - kW: 3.5, 5.5, 8.3, 10.1
- **Electrical Supply Voltage**
  - Volts: 220-240
- **Electrical Frequency**
  - Hz: 50
- **220V / Btu**
  - 3.5kW / 11,900
- **240V / Btu**
  - 4kW / 13,600
- **Over temperature trips**
  - °C: 95 and 100
- **Water content**
  - litres: 1.3
- **Recommended Δt across boiler**
  - °C: 5-10
- **Maximum operating pressure**
  - bar: 3
- **Output temperature control range**
  - °C: 65-80
- **Minimum flow rate**
  - l / min: 6

## EFF PRODUCT INFORMATION

- **Space heating efficiency class**
  - kW: D, D, D, D, D
- **Rated heat output**
  - kW: 4, 6, 9, 11, 12
- **Seasonal space heating energy efficiency**
  - %: 37, 37, 37, 37, 37
- **Annual energy consumption**
  - kWh: 8,661, 12,986, 19,472, 23,796, 25,958

## DIMENSIONS

- **A Overall height**
  - mm: 1,050, 1,050, 1,050, 1,050, 1,050
- **B Width**
  - mm: 90, 90, 90, 90, 90
- **C Depth**
  - mm: 90, 90, 90, 90, 90
- **Minimum clearance on all sides**
  - mm: 50, 50, 50, 50, 50

## ACCESSORIES

- **Relay RL1**: 95.970.134
- **Relay RL2**: 95.970.135
- **Relay RL3**: 95.970.136

### Codes of Practice and Legislation

- **EU Directives**
  - Energy Labelling of Water Heaters Directive 2010/30/EU
  - Eco Design for Water Heaters Directive 2009/125/EC
  - Low Voltage Directive (LVD) 2014/35/EU
  - Electromagnetic Compatibility (EMC) Directive 2014/30/EU
- **Legislation**
  - Building Regulations Part C and Part L (England and Wales)
  - Scottish Building Standards Section 4 and Section 6.
  - Building Regulations (Northern Ireland) Parts F and Part F.
  - Water Supply (Water Fittings) Regulations (England and Wales)
  - The Water Byelaws 2004 (Scotland)
  - Water Supply (Water Fittings) Regulations (Northern Ireland).
- **Standards**
  - BS EN 8558: Guide to the design, installation, testing and maintenance of services supplying water for domestic use within buildings.
- **Approvals**
  - Nemko (N-Mark) Certification Number: P12215619.

Manufactured in a factory approved to:
- BS EN ISO 9001
- OHSAS 18001
- ISO 14001.

The use of these water heaters will aid in compliance with:
- BS 8558: Guide to the design, installation, testing and maintenance of services supplying water for domestic use within buildings.
How we can help you

With Baxi, the heating system is only part of the story. We’re also passionate about giving you the service and support you need, for the lifetime of your Baxi product.

**Baxi Design**
Our design service team will plan and configure installations around each property’s unique requirements, free of charge.

**Baxi Genuine Parts**
We have a full range of approved spares and quality heating essentials for all Baxi Assure products. Visit [baxi.co.uk/genuineparts](http://baxi.co.uk/genuineparts) for more information.

**Literature and BIM libraries**
We have installation instructions, user guides and BIM files for our product ranges, available at [baxi.co.uk/specification](http://baxi.co.uk/specification).

**Unique maintenance plans**
We provide comprehensive homeowner maintenance and support plans.

**Baxi Project Hub**
Baxi Project Hub is our intuitive project management portal, where specifiers and contractors can register Warranty and Gas Safe notifications for Baxi Assure installed products. There’s also the Project Hub app, so that warranty registrations and Gas Safe notifications can be done on site. Visit [baxi.co.uk/projecthub](http://baxi.co.uk/projecthub) or speak to your Business Development Manager to find out more.

**Product Training**
We offer practical, hands-on courses, covering all Baxi Assure products. They’re carried out by qualified experts at our state-of-the-art training centres nationwide. Visit [baxi.co.uk/assuretraining](http://baxi.co.uk/assuretraining) or speak to your Business Development Manager to find out more.

**Expert service and support**
We’re always here to help with product queries, installations and maintenance. Visit [baxi.co.uk/trade/assuretechnical](http://baxi.co.uk/trade/assuretechnical) or call our Technical Support Helpline on 0344 871 1525 for more information.

**For everything else**
Contact your Business Development Manager at [baxi.co.uk/assurecontact](http://baxi.co.uk/assurecontact) for more information.

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**Baxi Assure, The Complete Home Service**

As the UK moves towards a carbon neutral future alongside an ever growing demand for housing, providers are having to take a fresh approach. That means more tenanted social housing, and more economical, energy-efficient new homes.

With our fresh approach, we’ll make sure we deliver the reliable, efficient heating and hot water solutions our specification partners need – for today and tomorrow.

The Baxi Assure range of solutions does just that, with a broad range of boiler, cylinder and low-carbon product packages to suit any new build or refurbished property.

*Find out more at baxi.co.uk/specification*