

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.



**FLEXIBLE
OUTPUTS**



**2 YEARS'
WARRANTY***

Extended agreements
also available



**HIGH
EFFICIENCY**



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

	UNITS	4 kW radiator	6 kW radiator	9 kW radiator	11 kW radiator	12 kW radiator
Product code		95:022:001	95:022:002	95:022:003	95:022:004	95:022:005

SPECIFICATION

Electrical input max at 240V	kW	4	6	9	11	12
Electrical input max at 230V	kW	3.7	5.5	8.3	10.1	11
Electrical supply voltage	Volts	220-240	220-240	220-240	220-240	220-240
Electrical supply frequency	Hz	50	50	50	50	50
220V / Btu		3.5kW / 11,900	5kW / 17,000	7.5kW / 25,600	9kW / 30,700	10kW / 34,000
240V / Btu		4kW / 13,600	6kW / 20,400	9kW / 30,700	11kW / 37,500	12kW / 40,900
Over temperature trips	°C	95 and 100	95 and 100	95 and 100	95 and 100	95 and 100
Water content	litres	1.3	1.3	1.3	1.3	1.3
Recommended Δt across boiler	°C	5-10	5-10	5-10	5-10	5-10
Maximum operating pressure	bar	3	3	3	3	3
Output temperature control range	°C	65-80	65-80	65-80	65-80	65-80
Minimum flow rate	l / min	6	6	12	12	12

ErP PRODUCT INFORMATION

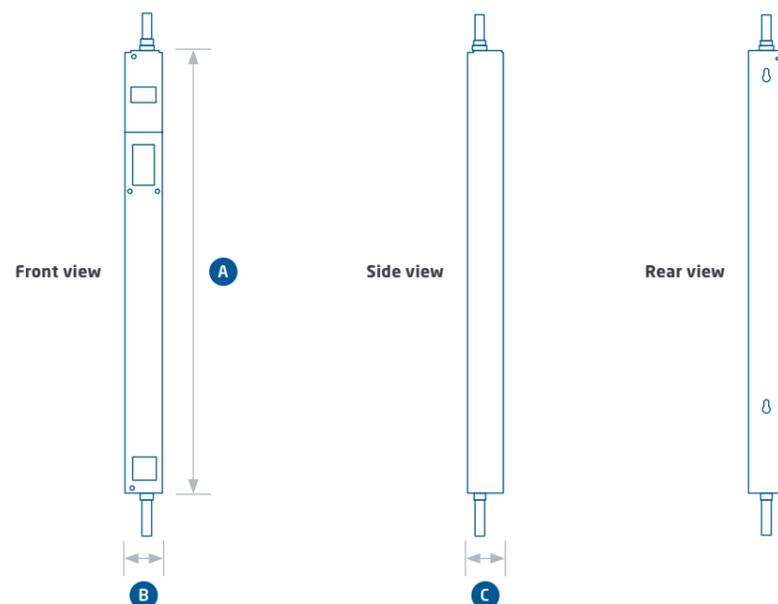
Space heating efficiency class		D	D	D	D	D
Rated heat output	kW	4	6	9	11	12
Seasonal space heating energy efficiency	%	37	37	37	37	37
Annual energy consumption	kWh	8,661	12,986	19,472	23,796	25,958

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



	UNITS	4 kW underfloor	6 kW underfloor	9 kW underfloor	11 kW underfloor	12 kW underfloor
Product code		95:022:101	95:022:102	95:022:103	95:022:104	95:022:105

Product Characteristics Database (PCDB)

SPECIFICATION

Electrical input max at 240V	kW	4	6	9	11	12
Electrical input max at 230V	kW	3.7	5.5	8.3	10.1	11
Electrical supply voltage	Volts	220-240	220-240	220-240	220-240	220-240
Electrical supply frequency	Hz	50	50	50	50	50
220V / Btu		3.5kW / 11,900	5kW / 17,000	7.5kW / 25,600	9kW / 30,700	10kW / 34,000
240V / Btu		4kW / 13,600	6kW / 20,400	9kW / 30,700	11kW / 37,500	12kW / 40,900
Over temperature trips	°C	95 and 100	95 and 100	95 and 100	95 and 100	95 and 100
Water content	litres	1.3	1.3	1.3	1.3	1.3
Recommended Δt across boiler	°C	5-10	5-10	5-10	5-10	5-10
Maximum operating pressure	bar	3	3	3	3	3
Output temperature control range	°C	30-60	30-60	30-60	30-60	30-60
Minimum flow rate	l / min	6	6	12	12	12

ErP PRODUCT INFORMATION

Space heating efficiency class		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	-	-	-	-	-

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

CODES OF PRACTICE AND LEGISLATION

EU Directives:

- Energy Labelling of Water Heaters Directive 2010/30/EU
- Eco Design for Water Heaters Directive 2009/125/EU
- Low Voltage Directive (LVD) 2014/30/EU
- Electromagnetic Compatibility (EMC) Directive 2014/35/EU.

Legislation:

- Building Regulations Part G and Part L (England and Wales)
- Scottish Building Standards Section 4 and Section 6
- Building Regulations (Northern Ireland) Parts F1 and F3 and Part P
- Water Supply (Water Fittings) Regulations (England and Wales)
- The Water Byelaws 2004 (Scotland)
- Water Supply (Water Fittings) Regulations (Northern Ireland).

Standards: Relevant clauses of the following standards are complied with:

- EN 12828 Heating systems in buildings. Design for water-based heating systems
- EN 12831 Heating systems in buildings. Method for calculation of the design heat load
- EN 14336 Heating systems in buildings. Installation and commissioning of water based heating systems
- BS7671 Requirements for electrical installations. IEE Wiring Regulations.

Components supplied comply with the following standards:

- BS EN 60730-1 Automatic Electrical Controls - For households and similar use part 1: General Requirements.

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.

Manufactured in a factory approved to:

- BS EN ISO 9001
- OHSAS 18001
- ISO 14001.

Approvals:

- Nemko (N-Mark) Certification Number: P12215619.



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 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

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 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 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 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 for more information.

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, energyefficient 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

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