



High efficiency

Multipoint water heaters

Rinnai

Revolutionise and go continuous flow with Rinnai high efficiency Low NOx multipoint water heaters.

Rinnai produces over 12 million gas appliances every year which are distributed to all parts of the world and are all ISO-9001 and ISO-14001 certified.

Continuous flow water heaters are an advanced variant of traditional multipoint water heaters, they are far more efficient than storage systems and are the preferred method of heating water. Restaurants and domestic properties are a prime example of this as they require high volumes of water at intermittent times of day delivered at accurate temperatures to ensure user comfort and safety. With the Rinnai continuous flow hot water system you will never run out of hot water.

Key Features

- Ultra low-NOx surpassing ECO-DESIGN requirements
- Internal Wall mounted
- Room sealed
- Temperature range 35-60 degrees centigrade
- Ignition direct electronic
- 17l delivery capacity
- Easy installation
- Light weight - 14kg
- Push fit flue system
- Simple wiring
- H (541) W(373) D(173)
- Inbuilt frost protection
- Externally wall mounted variants
- Hydrogen Blend 20% ready
- BioLPG ready
- ERP A+ Rated



Ready for
BioLPG



Ready for
20% Hydrogen

Specification

Models	11i	17i	17e
Gas consumption and capacities min operation (Hi = net calorific value - Hs = gross calorific value)			
G20 Nat Gas: Input Qm: Hi/Hs Output Pm (kW)	4.10/4.53 3.56	4.10/4.53 3.56	4.10/4.53 3.56
G20 Nat Gas flow ref. conditions Vr (m3/h)	0.43	0.43	0.43
G31 Input Qm: Hi/Hs Output Pm (kW)	4.10/4.53 3.56	4.10/4.53 3.56	4.10/4.53 3.56
G31 flow normal operating conditions Mn (kg/h)	0.33	0.33	0.33
Gas consumption and capacities nominal operation (Hi = net calorific value - Hs = gross calorific value)			
G20 Nat Gas: Input Qm: Hi/Hs Output Pm (kW)	21.3/23.7 18.9	32.4/36.0 28.4	32.4/36.0 28.4
G20 Nat Gas flow ref. conditions Vr (m3/h)	2.25	3.43	3.43
G31 Input Qm: Hi/Hs Output Pm (kW)	21.8/23.7 18.9	33.1/36.0 28.4	33.1/36.0 28.4
G31 flow normal operating conditions Mn (kg/h)	1.69	2.58	2.58
Gas category	II2H3P, II2H3B/P, II2HM3B/P		
Noise level (dB)	56		
Water pressure (@nom/max flow rate - max) - (Pw)	1.00/1.4 - 8.3 Bar		
Min operating flowrate	2l/min		
Temperature range	37-46, 48, 50, 55, 60, 65		
Max flowrate ($\Delta T=25^{\circ}\text{C}$)	10.8	16.3l/min	
Max flowrate ($\Delta T=30^{\circ}\text{C}$)	9	13.6l/min	
Max flowrate ($\Delta T=35^{\circ}\text{C}$)	7.7	11.6l/min	
Max flowrate ($\Delta T=40^{\circ}\text{C}$)	6.8	10.2l/min	
Max flowrate ($\Delta T=45^{\circ}\text{C}$)	5.4	9l/min	

Flue Kits for Rinnai multipoint continuous flow water heaters

Standard Horizontal Flue Kit: AWF50-01

- 90 degree adapter F/F 60/100
- 80 / 125 Horizontal Terminal
- Black outer wall plate
- White inner wall plate

Used for installations where terminating horizontally directly through the wall that the unit is mounted on.

Standard Vertical Flue Kit: AWF50-07

- Straight adapter 60/100 x 80/ 125 with trap
- 80/125 roof terminal
- Attic clamp
- White inner wall plate

Used for installations where terminating vertically.

The total equivalent flue length is limited to 6.5m each 90 degree bend should be considered 0.5m of the total equivalent length.



Ideal for:



Festival ablutions



Events ablutions



Glamping pods



Domestic properties



Modular buildings
(Service life of less than 2 years)



Low energy buildings



Agricultural Sites



Hire vehicle

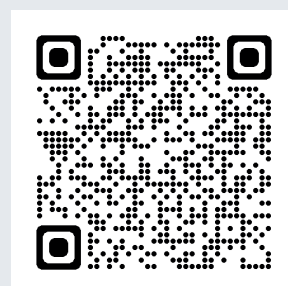


Small retail outlets

Changes to Part L of the building regulations ensure that Rinnai A series water heaters are ideal for the sectors specified above. These include modular buildings with a service life less than 2 years, hire and event services, glamping pods and buildings with 50m² of useable space.

The eligibility for the replacement of these appliances has also changed and consideration should be given to condensing water heaters. Please contact us today to discuss eligibility criteria.

Contact us today on **0300 373 0660**
or scan the QR code.
www.rinnaiuk.com



Experience even greater innovation from Rinnai with our new external wall mounted 17e continuous flow water heaters.

The **17e** is fitted externally, increasing installation flexibility and saving internal space.

The external appliances come with the appropriate weather proofing which provides the required protection to ensure consistent, long life working efficiency.

There is no need for flue kits with the Rinnai 17e external as it is physically mounted outside. This model is protected against cold weather down to 20°C and weighs less than 15kg.

A range of external ancillary items including a pipe cover box and security cage are available where necessary. The appliance is capable of flow rates in excess of 500 litres per hour at a 45°C rise, the 17e is suitable for multiple applications, such as cafés, small retail outlets and glamping pods.



Rinnai continuous flow controls



- ON/OFF function
- Greater temperature control
- Multiple controllers can be used
- Lockable
- Fault diagnosis using maintenance monitor (flow rates, thermistor temperatures, etc)
- Fault code history
- Automatic bath fill feature available on some models

Rinnai H3 – Hydrogen, Hybrids, Heat Pumps



To see how these combinations can impact your projects carbon footprint contact us today on **0300 373 0660** or scan the QR code.



Rinnai can offer the complete package, designed with capital expenditure, operational expenditure and carbon reductions in mind. We can supply the complete solution.

Simply scan the QR code and ask us a question!

Rinnai UK, 9 Christleton Court, Runcorn, WA7 1ST
Tel: 0300 373 0660 / www.rinnaiuk.com

Rinnai London, 26 Store Street, London, WC1E 7BT
Tel: 0300 373 0660 / www.rinnaiuk.com



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