

Infinity W17CE Specification Sheet



SERVICE AND WARRANTY
To validate the manufacturer's warranty Please visit:
www.rinnaiuk.com/resources/warranties/warranty-registration-card1
or scan the QR code below:

For Service Plans to protect your Rinnai appliance and ensure the hot water is always running,
Call us on: 01928 579 999
or e-mail us at engineer@rinnaiuk.com

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Specification

Installation	External Outdoor	
Height	565.2mm	
Width	351mm	
Depth	219.9mm	
Weight	16kg	
Exhaust System	External Direct Forced	
Flue Size	n/a	
Max Flue Run	n/a	
Temperature Range	37°C – 65°C	
Temperature Accuracy	-1 / +1 from the appliance	
Ignition Method	Direct Electronic	
Gas Consumption	Natural Gas	30.6 kW max
	LPG	30.6 kW max
Hot Water Delivery Capacity	12.0 ltr/min raised 33°C	
	7.9 ltr/min raised 50°C	
Min Operating Water Flow	1.5 ltr/min	
Operating Pressure	1-10 bar	
Power Supply	230V 50Hz	
Electrical Consumption	41W Normal	
	92W Max (Frost protection)	
NOx	< 30.74 ppm	
Turndown Ratio	10.2 : 1	



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Additional Information

Gas Usage	2.9m ³
Gas Usage LPG	2.2kg/hr
Efficiency Gross (Nat Gas)	91%
Efficiency Gross (LPG)	92%

Infinity W17E as a Solar Booster

The infinity E16 will deliver 7.9 l/min @ 50°C Rise using 2.9m³ gas. If we increase the incoming water temperature, we get the following saving:

Flow Rate	Energy	Saving On Gas
7.9l/min @ 40°C Rise	22.24kW	20% (0.58m ³)
7.9l/min @ 30°C Rise	16.7kW	40% (1.16m ³)
7.9l/min @ 20°C Rise	11.12kW	60% (1.74m ³)
7.9l/min @ 10°C Rise	5.56kW	80% (2.32m ³)

A 20 tube panel will yield approx. 1439kW/yr*, so a fairly standard arrangement of 3 panels would yield 4317kWh/yr. Consequently this equates to 4317kW free energy or the equivalent of 401.6 m³ gas per annum.

*This is based on an installation in Southampton, south facing and an inclination of 45°



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