



Rinnai - Electric Instantaneous Water Heaters

Rinnai

Creating a healthier way of living



The Rinnai Instantaneous electric water heater range uses advanced components to ensure that the system efficiency is maximised and unrivalled levels of performance can be delivered.

The innovative Rinnai electric instantaneous range uses enhanced heating and control technologies, each element of the system has been engineered to ensure quality and safety. The smart bare wire heating technology can deliver an elevated level of domestic hot water by offering direct heating capability. The bare wiring technology sits directly in the water enabling the system to generate the pre-set temperature quickly and accurately. The appliance will support a constant flow and accurate temperature of DHW up to the outlet.

The temperature selector dial can enable water temperature set points that increase in 0.5 ° increments. The combination of these technologies creates a market leading ability to provide the hot water you need for your projects rapidly and safely. The Rinnai instantaneous electric range have an adjustable temperature range from 20°C to 60°C the built in sensor technology will auto-detect changes in water temperature and adjust the heating power automatically providing constant DHW.

Rinnai Electric benefits

- **Multi-point usage**
- **DHW in seconds**
- **Energy efficient**
- **Space saving design**
- **Fully electronic control**
- **Easy install**
- **Overheat protection**
- **Solar Compatible**
- **Digital temperature adjustment**
- **Multi-functional display**
- **Rapid heat up capability**
- **Resistant to scale**
- **Accepts preheated water**
- **Reacts quick to voltage and pressure changes**
- **Highly efficient**

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The Rinnai Instant electric range delivers the selected water temperature rapidly and efficiently, making it an ideal choice for high water demand applications. A single Rinnai appliance can supply multiple outlets at the same time – irrespective of DHW volume. See our wide range of models below.

Rinnai Instantaneous Electric	21kw	24kw	27kw
Energy Efficiency Class	A	A	A
DHW control	Bare wire technology	Bare wire technology	Bare wire technology
Temperature range	Variable 20-60°C	Variable 20-60°C	Variable 20-60°C
Display	LCD digital	LCD digital	LCD digital
Operation control	Rotary selector	Rotary Selector	Rotary Selector
Display options	Temperature / consumption / Eco	Temperature / consumption / Eco	Temperature / consumption / Eco
Renewables mode	✓	✓	✓
Temperature algorithm	✓	✓	✓
Temperature setting protection (Anti-scald)	✓	✓	✓
H/ W/ D (mm)	450 / 235 / 94	450 / 235 / 94	450 / 235 / 94
Voltage	400v	400v	400v
Frequency	50/60Hz 3ph	50/60Hz 3ph	50/60Hz 3ph
Maximum Power	21kw	24kw	27kw
Pressure Rating	10bar	10bar	10bar
Minimum Pressure	0.25 bar	0.25 bar	0.25 bar
IP Rating	IP25	IP25	IP25

Hot Water Output Characteristics

Connected Load in KW		Fuse (A)	Min. Cable Cross-Section in mm ²	38°C Hot Water in l/min				
Rated Voltage				Cold Water Inlet Temperature				
400V				5°C	10°C	15°C	20°C	25°C
21	32	4	9.1	10.8	13.1	16.8	23.2	
24	40	6	10.4	12.3	15	19.1	26.5	
27	40	6	11.8	13.8	16.9	21.5	29.8	

Connected Load in KW		Fuse (A)	Min. Cable Cross-Section in mm ²	43°C Hot Water in l/min				
Rated Voltage				Cold Water Inlet Temperature				
400V				5°C	10°C	15°C	20°C	25°C
21	32	4	7.9	9.1	10.8	13.1	16.8	
24	40	6	9.1	10.4	12.3	15	19.1	
27	40	6	10.2	11.8	13.8	16.9	21.5	

Connected Load in KW		Fuse (A)	Min. Cable Cross-Section in mm ²	50°C Hot Water in l/min				
Rated Voltage				Cold Water Inlet Temperature				
400V				5°C	10°C	15°C	20°C	25°C
21	32	4	6.7	7.5	8.6	10.1	12.1	
24	40	6	7.7	8.6	9.8	11.5	13.8	
27	40	6	8.6	9.7	11.1	12.9	15.5	

Connected Load in KW		Fuse (A)	Min. Cable Cross-Section in mm ²	55°C Hot Water in l/min				
Rated Voltage				Cold Water Inlet Temperature				
400V				5°C	10°C	15°C	20°C	25°C
21	32	4	6	6.7	7.5	8.6	10.1	
24	40	6	6.9	7.7	8.6	9.8	11.5	
27	40	6	7.8	8.6	9.7	11.1	12.9	

Connected Load in KW		Fuse (A)	Min. Cable Cross-Section in mm ²	60°C Hot Water in l/min				
Rated Voltage				Cold Water Inlet Temperature				
400V				5°C	10°C	15°C	20°C	25°C
21	32	4	5.5	6	6.7	7.5	8.6	
24	40	6	6.3	6.9	7.7	8.6	9.8	
27	40	6	7.1	7.8	8.6	9.7	11.1	

For selection and design support **scan the QR code** and leave your details today.



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Renewable system operation

If incoming water temperature exceeds 30° the water heater will apply to correct amount of power to boost the water temperature only

LCD screen visualises water temperature

Eco Mode visualises when the appliance is operating economically

Rinnai instant electric water heaters **optimised power input** in relation to temperature increase

Outlet Temperature can be adjusted from 20° to 60°

When outlet is opened the device **automatically starts the heating process** to the pre-set temperature

Appliance operation and performance is visualised on screen





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