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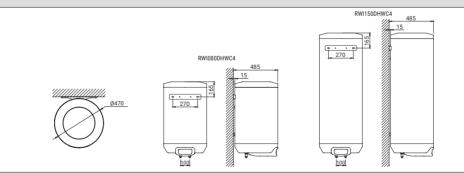
ROME WIFI

ELECTRIC UNVENTED WATER HEATER

- Crystal Protect tech: plasma welded vitrified steel tank, CFC-free PU insulation 32 mm thick
- Insu Therm tech: exclusive thermal break system for up to 16% less heat loss
- Optimix tech: inlet optimisation and cold water mixing technology
- Integrated WiFi (compatible with 2.4 GHz) and smartphone control
- Control temperature, cost & consumption 24/7 from the Rointe Connect app
- Energy-saving functions: Open Windows, Hotel & User mode
- Customisable anti-legionella function
- Works with renewable energy sources like solar/PV for sustainable heating
- Guarantee: 5 years tank | 3 years electronics



MODEL	RWI080DHWC4	RWI150DHWC4
TECHNICAL CHARACTERISTICS		
Capacity (L)	80	150
Nominal Power (W)	2,400	2,400
Voltage (V)	220-240	220-240
Frequency (Hz)	50	50
Current (A)	10.4	10.4
Finish	White RAL 9016	
Energy Classification ¹	С	С
Load Profile	Μ	XL
DIMENSIONS		
Height (mm)	777	1,297
Diameter (mm)	470	470
Installed Depth (mm)	120	120
Empty Weight (kg)	24.1	36.6
Number of Users	up to 3	up to 4
Connection (inches)	1/2 "	1/2 "
Distance between Outlets (mm)	100	100
Maximum Working Pressure (bar)	8	8
DIAGRAM		



MATERIALS

MATERIALS		
Body	Crystal Protect Technology - vitrified steel tank, plasma welded	
Control Panel	Fire-proof PC/ABS (non yellowing)	
Interior	32 mm CFC-free PU insulation	
Heating Elements	Ceramic	
ELECTRONICS		
Battery	3V	
Electronic Components	SMD	
Energy Control Element	Relay	
Temperature Sensor	NTC High Precision ± 0.1°C	
Cable Length	1.5 m	
Plug	UK 3 Pin with 13A fuse	



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MODEL	RWI080DHWC4	RWI150DHWC4	
SAFETY			
Safety Thermostat & Overheat Detection		/	
IP Rating	IP2		
Protection Grade			
Protective Magnesium Anode	Class I		
PERFORMANCE			
	1.015	4 202	
Annual Electricity Consumption (kWh/Year)	1,315 1:47	4,303	
Warm-Up Time Δt 45K (15 - 60°C) (h:mm)	1.47	3:06	
Mixed Water Quantity at 40°C (L)	-	249	
Insulation (mm)	32	32	
Heat loss (65°C)	0.94	1.55	
TEMPERATURE			
Manual Adjust Temperature	7 to 7		
Temperature modes	Off, Anti-Frost, Eco, Comfort		
Anti-Frost Temperature	7°	С	
Eco Range Temperature	40 to 5		
Comfort Range Temperature	55 to	73°C	
ENERGY SAVING TECHNOLOGIES & FUNCTIONS			
Insu Therm Technology	Exclusive thermal break system for up to 16% less heat loss		
Optimix Technology	Inlet and cold water optimisatio	n for up to 15% more hot water	
Programming	24,	17	
Anti-legionella function	√- customisable		
User mode	√	/	
Hotel mode	✓	/	
Pilot Wire	Only when spec	ifically ordered	
Programming modes	Manual/A		
Consumption Meter			
CONTROLS & INTERFACE			
Operation Via Rointe Heating App		/	
Operation Via Remote Control	• -		
Operation Via Control Panel	-		
Screen			
Interactive Menus	1.77" TFT		
Control Panel Lock			
	Via control panel		
Remote Control Lock	Via heating app control Touch Control (5 Buttons)		
Keypad	Iouch Contro	I (5 BUTTONS)	
WIFI CONTROL & TECHNOLOGIES		/	
Built-In WiFi (2.4 GHz)	✓		
WiFi Direct ²	√		
Rointe Heating App Control	\checkmark		
Rointe Heating App Platforms	Android, iOS and Web		
Works with Amazon Alexa & Google Assistant	\checkmark		
Control by Geolocation	\checkmark		
True Real Power Consumption meter	\checkmark		
Cost & Consumption control	√		
Customisable Screen Colour	\checkmark		
Comfort Index ³	-		
AIH System ³	\checkmark		
INSTALLATION			
Mounting	Wa	all	
Direction	Vertical		
Supplied With	Plug, Cable, Installation Kit (template, brackets, screws), User Manual		





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NO CFCs

ELECTRIC UNVENTED WATER HEATER

MODEL	RWI080DHWC4	RWI150DHWC4	
PACKAGING INFORMATION		'	
Height (mm)	850	1,350	
Width (mm)	500	500	
Depth (mm)	500	500	
Gross Weight (kg)	26.0	39.0	
GUARANTEE			
Steel Tank Guarantee	5 years		
Electronic Components Guarantee	3 years		
APPROVALS, CERTIFICATIONS & CONFORMITIES			
CE	\checkmark		
UKCA	\checkmark		
NF	-		
RoHS	\checkmark		
ERP Ready - LOT20	\checkmark		
ETIM Class	EC011391		
COMPATIBLE ACCESSORIES			
Support Tripod	\checkmark		
Thermostatic Mixing Valve	\checkmark		
Installation Kit ⁴	\checkmark		

1) Energy classification according to European Regulation 812/2013. 2) Compatible with 2.4 GHz. No need for gateways or other connections. 3) Available Q3/Q4 2023. 4) Installation kit is mandatory for unvented domestic hot water heater installation and is sold separately.

Installation Kit Rome KITKW02







Pressure Reducing + Relief Valve 0.35 Mpa / 0.60 Mpa Tundish 15 - 25 mm Expansion Vessel 12 L (0.1 Mpa)

