

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	RWI080DHC4		RWI150DHC4	
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	C		C	
Load Profile	M		XL	
DIMENSIONS				
Height (mm)	777		1,297	
Diameter (mm)	470		470	
Installed Depth (mm)	120		120	
Empty Weight (kg)	8.9		32.4	
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				
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	RWI080DHC4		RWI150DHC4	
SAFETY				
Safety Thermostat & Overheat Detection			✓	
IP Rating			IP24	
Protection Grade			Class I	
Protective Magnesium Anode			✓	
PERFORMANCE				
Annual Electricity Consumption (kWh/Year)	1,315		4,303	
Warm-Up Time Δt 45K (15 - 60°C) (h:mm)	1:47		3:06	
Mixed Water Quantity at 40°C (L)	145		249	
TEMPERATURE				
Manual Adjust Temperature			7 to 73°C	
Temperature modes			Off, Anti-Frost, Eco, Comfort	
Anti-Frost Temperature			7°C	
Eco Range Temperature			40 to 54.5°C	
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 optimisation for up to 15% more hot water	
Programming			24/7	
Anti-legionella function			✓ - customisable	
User mode			✓	
Hotel mode			✓	
Pilot Wire			Only when specifically ordered	
Programming modes			Manual/Automatic	
Consumption Meter			✓	
CONTROLS & INTERFACE				
Operation Via Rointe Heating App			✓	
Operation Via Remote Control			-	
Operation Via Control Panel			✓	
Screen			1.77" TFT	
Interactive Menus			✓	
Control Panel Lock			Via control panel	
Remote Control Lock			Via heating app control	
Keypad			Touch Control (5 Buttons)	
WIFI CONTROL & TECHNOLOGIES				
Built-In WiFi (2.4 GHz)			✓	
WiFi Direct ²			✓	
Rointe Heating App Control			✓	
Rointe Heating App Platforms			Android, iOS and Web	
Works with Amazon Alexa & Google Assistant			✓	
Control by Geolocation			✓	
True Real Power Consumption meter			✓	
Cost & Consumption control			✓	
Customisable Screen Colour			✓	
Comfort Index ³			-	
AIH System ³			✓	
INSTALLATION				
Mounting			Wall	
Direction			Vertical	
Supplied With			Plug, Cable, Installation Kit (template, brackets, screws), User Manual	
PACKAGING INFORMATION				
Height (mm)	850		1,350	
Width (mm)	500		500	
Depth (mm)	500		500	
Gross Weight (kg)	26.0		39.0	

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GUARANTEE		
Steel Tank Guarantee		5 years
Electronic Components Guarantee		3 years
MODEL	RWI080DHC4	RWI150DHC4
APPROVALS, CERTIFICATIONS & CONFORMITIES		
CE		✓
UKCA		✓
NF		-
RoHS		✓
ERP Ready - LOT20		✓
ETIM Class		EC011391
COMPATIBLE ACCESSORIES		
Support Tripod		✓
Thermostatic Mixing Valve		✓
Installation Kit ⁴		✓

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)

