

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)	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		
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
Insulation (mm)	32	32
Heat loss (65°C)	0.94	1.55
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	

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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		✓
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)

