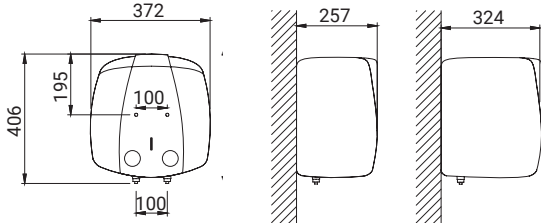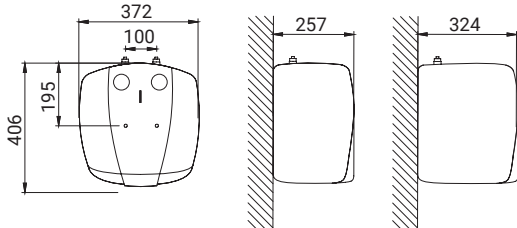# VENICE COMPACT

ELECTRIC UNVENTED WATER HEATER

- Crystal Protect tech: plasma welded vitrified steel tank, CFC-free PU insulation 50 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
- 2 models: bottom outlets (over sink) or top outlets (under sink)
- External On/Off switch with indicator light
- External temperature regulator with 5 settings: Anti-frost, Summer, Winter, Energy-Saving and Max
- Works with renewable energy sources like solar/PV for sustainable heating
- Guarantee: 5 years tank | 3 years electronics

MODEL	Botttom outlet (over sink) model		Top outlet (under sink) model	
	VWI010DHWD4	**VWI015DHWD4**	**VWI010DHWU4**	**VWI015DHWU4**
TECHNICAL CHARACTERISTICS				
Capacity (L)	10	15	10	15
Nominal Power (W)	1,500	1,500	1,500	1,500
Voltage (V)	220-240	220-240	220-240	220-240
Frequency (Hz)	50	50	50	50
Current (A)	6.5	6.5	6.5	6.5
Finish	White RAL 9016			
Energy Classification [1]	B	B	B	B
Load Profile	XXS	XXS	XXS	XXS
DIMENSIONS				
Height (mm)	406	406	406	406
Width (mm)	372	372	372	372
Depth (mm)	257	324	257	324
Empty Weight (kg)	7.6	9.4	7.6	9.4
Number of Users	1 (sink only)	1 (sink only)	1 (sink only)	1 (sink only)
Connection (inches)	1/2 "	1/2 "	1/2 "	1/2 "
Distance between Outlets (mm)	100	100	100	100
Maximum Working Pressure (bar)	8	8	8	8
DIAGRAM				

VWI01*DHWD4

VWI01*DHWU4

MATERIALS	
Body	Crystal Protect Technology - vitrified steel tank, plasma welded
Control Panel	Fire-proof PC/ABS (non yellowing)
Interior	50 mm CFC-free PU insulation
Heating Elements	Copper
ELECTRONICS	
Battery	-
Electronic Components	-
Energy Control Element	Analogue thermostat
Temperature Sensor	✓
Cable Length	1.5 m
Plug	UK 3 Pin with 13A fuse

VENICE COMPACT

ELECTRIC UNVENTED WATER HEATER

MODEL	VWI010DHWD4	VWI015DHWD4	VWI010DHWU4	VWI015DHWU4
SAFETY				
Safety Thermostat & Overheat Detection	✓			
IP Rating	IP24			
Protection Grade	Class I			
Protective Magnesium Anode	✓			
PERFORMANCE				
Annual Electricity Consumption (kWh/Year)	573	571	525	534
Warm-Up Time Δt 45K (15 - 60ºC) (h:mm)	0:20	0:31	0:20	0:31
Mixed Water Quantity at 40ºC (L)	15	22	16	25
TEMPERATURE				
Manual Adjust Temperature	OFF to 75ºC			
Temperature modes	5 settings - Anti-frost, Summer, Winter, Energy-Saving and Max			
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	-			
Anti-legionella function	-			
User mode	-			
Hotel mode	-			
Pilot Wire	-			
Programming modes	-			
Consumption Meter	-			
CONTROLS & INTERFACE				
Operation Via Rointe Heating App	-			
Operation Via Remote Control	-			
Operation Via Control Panel	✓			
Screen	-			
Interactive Menus	-			
Control Panel Lock	-			
Remote Control Lock	-			
Keypad	Temperature + On/Off rotary regulator dial			
WIFI CONTROL & TECHNOLOGIES				
Built-In WiFi (2.4 GHz)	-			
WiFi Direct [2]	-			
Rointe Heating App Control	-			
Rointe Heating App Platforms	-			
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 (over sink)		Vertical (under sink)	
Supplied With	Plug, Cable, Installation Kit (template, brackets, screws), User Manual			
PACKAGING INFORMATION				
Height (mm)	420	420	420	420
Width (mm)	380	380	380	380
Depth (mm)	280	380	280	380
Gross Weight (kg)	8.6	10.4	8.6	10.4
GUARANTEE				
Steel Tank Guarantee	3 years			
Electronic Components Guarantee	3 years			

VENICE COMPACT

ELECTRIC UNVENTED WATER HEATER

MODEL	VWI010DHWD4	VWI015DHWD4	VWI010DHWU4	VWI015DHWU4
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
Venice KITKW04

Expansion Relief Valve
15 - 25 mm

Check Valve
0.35 Mpa

Expansion Vessel
8 L (0.1 Mpa)

Pressure Reducing Valve
0.60 Mpa