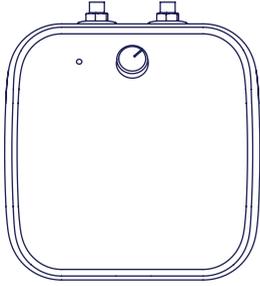


Prisma

Point of Use Electric Water Heater

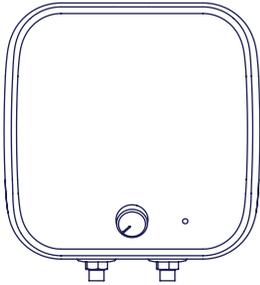
Installation and Warranty Manual



Under Basin

10L

HPRX-10-UB



Over Basin

10L, 15L, 30L

HPRX-10-OB

HPRX-15-OB

HPRX-30-OB

Prisma



Shock
Proof



B Energy
Rating



Zero kPa
Pressure



5 Year
Warranty*

www.kwikot.com



powered by Haier

1. Product applications and specifications

Product applications

Kwikot (Haier) SA (Pty) Ltd's range of Kwikot Prisma Point-of-Use Electric Water Heaters is suitable for domestic kitchens, laundries, medical suites, clinics, and office kitchenettes where hot water is required instantly. These units eliminate the need to wait for hot water from larger electric water heaters installed some distance from the point of use, thereby reducing water wastage.

The Point-of-Use Water Heaters are classified as "Open Outlet" type water heaters and operate at 0 kPa, with the outlet permanently open to the atmosphere.

Product specifications

- Kwikot Prisma Electric Water Heaters are B-Rated Energy Efficient, have a Glasslined Inner Cylinder, offering a long life to the cylinder (subject to water conditions equivalent to Metropolitan supply authorities).
- Fitted with a longer lasting 1500W element.
- All units have a shiny non-corrosive polypropylene outer, which provides aesthetic appeal and will not discolour over time.
- Thick polyurethane foam insulation is used to reduce inner cylinder heat loss.
- Units are fitted with a large sacrificial anode, providing additional tank protection.
- External Temperature Controls are fitted with a maximum temperature setting of 75°C.
- Capillary Thermostat for accurate temperature settings.
- Fitted electrical cable with 15 Amp 3 Pin Electrical Plug.
- The Under Basin unit may only be fitted with an **UNDER BASIN PUSH THROUGH / VENTED MIXER**. The Over Basin unit may only be fitted with an **OVER BASIN MIXER OR STOP COCK AND SPOUT**. The Over Basin Mixer (PMX-72) and Under Basin Mixer (PMX-100) are available from Kwikot and its authorised distributors.

2. Product standards and safety features

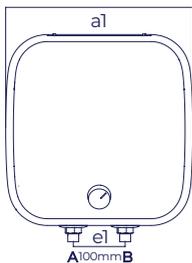
Units are tested to SANS 60335-2-21 and SANS 151. For safe and effective performance, the water heater shall be installed, maintained and repaired strictly in accordance with the requirements of SANS 10254 and 10252. The Thermostat will cut-out when the required temperature is reached. The recommended setting is 60°C. Faulty Thermostats and Elements can be replaced when necessary. The Sacrificial Anode must be checked every 12 months for degradation and replaced when necessary.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

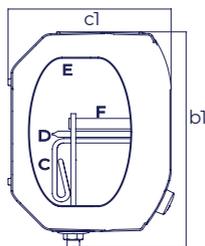
3. Product Dimensions

HPRX-10/15/30-OB

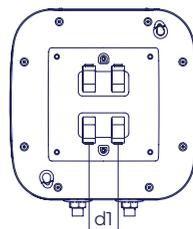
Front View



Sectional View (10,15,30L)



Rear View

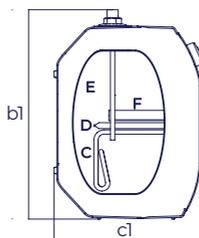


HPRX-10-UB

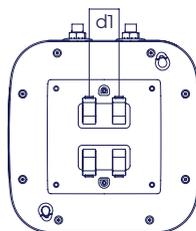
Front View



Sectional View (10L)



Rear View



- A. Hot water outlet
- B. Cold water inlet
- C. Element
- D. Thermostat
- E. Inner tank
- F. Anode rod

Notes: The allowable error for the above parameters is $\pm 10\%$

Model	Tank volume	Working pressure (KPa)	a1 (mm)	b1 (mm)	c1 (mm)	d1 (mm)	e1 (mm)
HPRX-10-UB	10L	0	360	395	270	55	100
HPRX-10-OB	10L	0	360	395	270	55	100
HPRX-15-OB	15L	0	360	395	340	55	100
HPRX-30-OB	30L	0	445	485	380	55	100

4. Installation Specification

In terms of open-outlet water heaters, the outlets (vented mixers) act as a vent and must not be connected to any tap or fitting other than those specified in the instructions. The security valve supplied with the unit must be installed directly onto the cold inlet pipe with the arrow on the valve pointing towards the unit. If the supply cord is damaged, it must be replaced by the manufacturer or its appointed service agent or a similarly qualified person in order to avoid a potential hazard. Installation of the open-outlet water heater must be carried out by a qualified plumber.

Installation of the Under Basin Unit

Allow sufficient space beneath the basin/sink for the unit and a 15 Amp wall socket should be within 1.5m of the unit.

1. Selecting a Position for the Vented Mixer on the Basin/Sink (using the Kwikot Under Basin Mixer PMX-100).

- Select the side of the basin/sink most suited for the single hole mixer directly above the water heater.
- Ideally the cold-water connection should be on the same side as the mixer and under the basin/sink.
- Using a drilling machine with a hole saw for stainless steel sinks or acrylic basins, drill the mounting hole.
- Ceramic basins mounting hole should already be provided.
- Fit the mixer to the basin/sink and fit the flexible hoses to the mixer. Note the directional flow arrows on the hoses.
Refer to installation manual of the mixer.



2. Mounting the unit

- Hold the unit against the wall within reach of the mixer's flexible hoses and mark the unit's position.
- Remove the unit and drill diameter 10mm, hole depth 55mm, hole horizontally apart 62mm, with a masonry drill bit to fix the hanging bracket to the wall. Insert the two supplied expansion plugs into the holes.
- Fix the bracket to the wall by means of the two supplied screws and ensure that the bracket is level by using a spirit-level.
- Hang the unit onto the two hooks on the bracket.

3. Connecting the Mixer Pipes to the Unit and Water Supply Connection

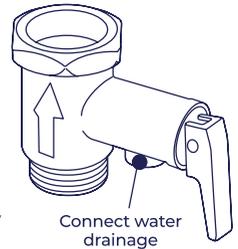
- Position the hoses to line up with the hot and cold connection point on the unit.
- Using PTFE thread tape, screw the two hoses (hot and cold) onto the correct connections and the third hose connect to the main cold-water supply, ensuring all hoses are tightly fastened.

4. Filling the Unit with Water

- Open the main cold-water supply to the unit and the mixer.
- Open the cold-water side of the mixer.
- Open the hot side of the mixer.
- Allow all the air to expel from the installation and for the water to flow freely from the spout.
- Close both the cold and hot water sides on the mixer.

5. Connecting the Electricity Supply

- Plug the 15 Amp lead into the wall socket and switch "ON".
- Adjust the External Temperature Control to the desired setting (recommended 60°C) and switch "ON" the unit. The amber light will glow, indicating that the water is being heated.



6. Security Valve Installation

- Install the safety valve to the water inlet pipe in accordance with the arrow direction marked on the safety valve (the arrow points to water heater)
- You also can drain the water heater through the safety valve.

Packing list

Name and quantity of parts

Model	Electric Water Heater (unit)	Safety Valve (pcs)	Instruction Manual (copy)	Wall-mounting plate (pcs)	Expansion bolt (pcs)
HPRX-10-OB	1	1	1	1	2
HPRX-10-UB	1	1	1	1	2
HPRX-15-OB	1	1	1	1	2
HPRX-30-OB	1	1	1	1	2

Installation of the Over Basin Units

The area above the basin/sink must be bricked or tiled with no window, a 15 Amp wall socket should be within 1.5m of the unit and a 15mm female cold water connection positioned 350mm above and in the centre of the basin/sink.

1. Position for the Mixer (using the Kwikot Over Basin Mixer PMX-72) and Water Supply Connection

- Slide the chrome finishing trim onto the mixer and screw the mixer without the spout onto the 15mm female cold-water connection. Make sure spout connection points downwards and the mixer is tightened.
- Attach the spout.

2. Mounting the Unit

- The ideal height for the unit is +/-600mm from the top of the basin/sink to the bottom of the unit.
- Hold the unit against the wall and mark the unit's position.
- Remove the unit and drill diameter 10mm, hole depth 55mm, hole horizontally apart 62mm with a masonry drill bit to fix the hanging bracket to the wall. Insert the two supplied expansion plugs into the holes.
- Fix the bracket to the wall by means of the two supplied screws and ensure that the bracket is level by using a spirit-level.
- Hang the unit onto the two hooks on the bracket.



3. Connecting the Mixer Pipes.

- Measure the length between the pipe connections on the bottom of the unit and the mixer and cut the pipes to size using a hacksaw or tube cutter.
- Slide the pipe nuts and sealing washers over the pipes and fit the pipes (hot and cold) onto the correct connections, ensuring all fittings are tightly fastened. Connect the main cold water supply to the inlet of the mixer on the back side of the mixers body.

4. Filling the Unit with Water

- Open the main cold-water supply to the unit and the mixer.
- Open the cold-water side of the mixer.
- Open the hot side of the mixer. Allow all the air to expel from the installation and for the water to flow freely from the spout.
- Close both the cold and hot water sides on the mixer.

5. Connecting the Electricity Supply

- Plug the 15 Amp lead into the wall socket and switch “ON”.
- Adjust the External Temperature Control to the desired setting (recommended 60°C) and switch the unit “ON”. The amber light will glow, indicating that the water is being heated.

6. Security Valve Installation

- Install the safety valve to the water inlet pipe in accordance with the arrow direction marked on the safety valve (the arrow points to water heater)
- The water heater can also be drained through the safety valve.



Product Warranty

Kwikot (Haier) SA (Pty) Ltd warrants that its Kwikot electric water heaters are free from manufacturing defects. This is the only warranty given by Kwikot in respect of its electric water heaters. Kwikot gives no other warranties or representation whether express or implied. No amendments or additions to the warranty shall be binding on Kwikot. Kwikot makes no warranty or representations in respect of the installation of electric water heaters.

Claims in respect of the installation of electric water heaters must be referred to the applicable installer, who shall be solely liable under any installation warranties given. This warranty covers the electric water heater only, and does not cover any other part or parts of the installation which may become damaged as a consequence of the failure or defect of the electric water heater. Kwikot will repair or, at its own discretion, replace the faulty part with a new or re-manufactured component.

The period during which this warranty applies will be calculated from the date of installation of the original water heater, provided that the documentation of proof of the installation date is furnished. If the installation date is not available or cannot be proved, the date of manufacture as determined by Kwikot from information on the serial plate, shall be the commencement date of the warranty period.

If Kwikot carries out repairs or replacements, the warranty period will not start afresh or be extended, irrespective of how many repair or replacements are carried out. Even if an electric water heater is repaired or replaced, the warranty period will still be calculated from the date of the original installation or manufacture date of the original electric water heater, as the case may be. Components removed during warranty repairs will remain the property of Kwikot (Haier) SA. Warranties are applicable only in South Africa; Namibia; Botswana; Swaziland and Lesotho, subject to water quality in respect of SANS 241.

Warranty periods

Prisma Tank	Element	All Other Electrical Components and Included Safety Valve
5 Years	2 Years	1 Year

Warranty will only be honoured if:

1. The applicable warranty period is still in force.
2. The electric water heater is installed, used and maintained in accordance with Kwikot's specifications and instructions.
3. All products included in the installation comply with SANS approvals.
4. The electric water heater has been used for water which meets Kwikot's specifications.

The warranty does not cover:

1. Elements burnt out through commissioning without water.
2. Burnouts due to loose connections.
3. Fair wear and tear.
4. Misuse, abuse or negligent use of the electric water heater.
5. Any attempts to self repair the electric water heater, tampering or defacing the serial plate.

A Kwikot electric water heater has been designed and manufactured to work at optimum performance by using Kwikot branded parts i.e. element and thermostat. Should these parts be replaced with non-genuine Kwikot branded parts while the electric water heater is still under warranty, as required by SANS/IEC 60335-2-21 safety regulation, Kwikot reserves the right to void the warranty.

To validate the warranty (Please register online)

Kwikot has taken a significant step towards enhancing their customer service by introducing new Water Care product registrations. Through this new process, customers and installers can register their water heaters and water care products by scanning the product registration QR code (which can be found on the water heater) via a smart phone or manually entering the information on www.kwikot.com

This registration process enables service agents to access product information promptly, allowing for more efficient handling of warranty claims and providing a convenient experience for customers. This initiative reflects our unwavering commitment to delivering exceptional service to our valued customers.





Support



Warranty and Service Support

za_insure@kwikot.com

0861 594 568



Admin, Marketing and Product Queries

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Sales and Payment Queries

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011 897 4600



Technical Queries

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