



**KWIKOT**

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# Kwicksol Indirect Solar Thermal Water Heating

## Everyday

# Solar Thermal Water Heating

## Kwiksol Indirect 150L

Frost locations

SOL-150-IC



Optional flat roof frame

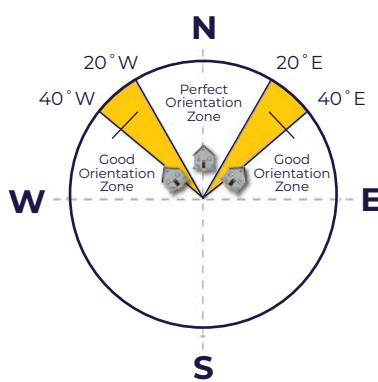


Water heater feet can be moved up to 30° angle



100kPa Solar relief valve

1LT Glycol



## Features

- 400Kpa Approved
- B-Rated energy efficient
- Electrical backup
- IPX4 rated
- Transfers heat via propylene glycol
- Complete solar system

## Why Indirect Solar?

- For frost locations below 5 degrees
- Areas with poor water quality
- Major saving on water heating costs
- Natural solar energy from the sun
- Environmentally friendly

## Installation Data

- To be installed in compliance with SANS 10106. When installed inside the roof, in compliance with SANS 10106 and SANS 10254.
- The 15mm expansion relief valve 100kPa supplied with system must be fitted to the outer jacket on the solar water heater.

## Roof Location and Pitch

- Solar panels to face north and not to deviate more than 45 degrees.
- The location should not be subject to excessive shading.
- Roof pitch to be between 15 degrees and 30 degrees.
- Careful inspection must be carried out to ensure that the roof can support the weight of the entire solar system installation.

Pictures may vary from the actual product. Specifications may differ and will be subject to actual products (E&OE).

# Kwiksol Complete Indirect Solar System

Solar water heater systems for frost locations

Description	SOL-150-IC	SOL-200-IC	SOL-300-IC
Indirect Water Heater	SOL-150-IND-B	SOL-200-IND-B	SOL-300-IND-B
Capacity	150L	200L	300L
Element Rating	2kW	2kW	3kW
Operating Pressure	400kPa	400kPa	400kPa
Mass Empty	48kg	62kg	98kg
Water Connections (BSP Male)	3/4	3/4	3/4
Water Connections (BSP Female)	3/4	3/4	3/4
Dimension (L x H)	1070 x 596	1346 x 596	1940 x 630
Flat Plate Collector	SOL-PANEL-2B	SOL-PANEL-2.5	SOL-PANEL-2B
Number of Collectors	1	1	2
Collector Dimensions (L x B x H)	2m x 1m x 80mm	2m x 1.25m x 80mm	2m x 1m x 80mm
Mass Full	32	46	64
S Brackets (2 Per Box)	SOL-BRACKET-FP	SOL-BRACKET-FP	2 x SOL-BRACKET-FP
Glycol Sol-Pg-1	2L	3L	4L
UV Solar Lagging	3 x 1.8 (25mm)	3 x 1.8 (25mm)	4 x 1.8 (25mm)
Bracket	SOL-BRCT-UN	SOL-BRCT-UN	SOL-BRCT-300
Expansion Relief Valve (15mm)	100kPa	100kPa	100kPa
22mm Vacuum Breakers	2 x KHN4-200CX	2 x KHN4-200CX	2 x KHN4-200CX
400kPa PCV Multi-Valve	KHN3-214	KHN3-214	KHN3-214
Thermostatic Mixing Valve	KH6-320	KH6-320	KH6-320
7 Day Digital Water Heater Timer 20A	SOL-TIMER-1	SOL-TIMER-1	SOL-TIMER-1

## Product Warranty

### Warranty Period\*

Your warranty period starts from the date of installation of the original water heater. To validate your warranty, please provide proof of installation, such as:

- Signed installer's invoice
- Proof of occupancy for a new-build property
- Certificate of Compliance (COC)
- Purchase invoice with client details, product serial number, and code

If proof of installation is unavailable, the warranty period will be based on the date of manufacture as determined by the serial plate.

### Maintenance Recommendations

- Service the system once a year.
- Replace glycol every 2 years.
- The water heater performance is dependant on the heat transfer fluid and therefore should be topped up if and when necessary.
- Additional maintenance may be required due to area and usage.

### Warranty Coverage

Kwikot warranties apply only in South Africa, Namibia, Botswana, Eswatini, and Lesotho, subject to compliance with SANS 241 water quality standards

### Repairs & Replacements

- If your water heater is repaired or replaced, the original warranty period remains unchanged.
- Kwikot provides a 2-month extended warranty on electrical components of the replacement unit, provided genuine Kwikot parts are used.
- Original serial plate information will be transferred to the new water heater.
- Components replaced under warranty remain the property of Kwikot.

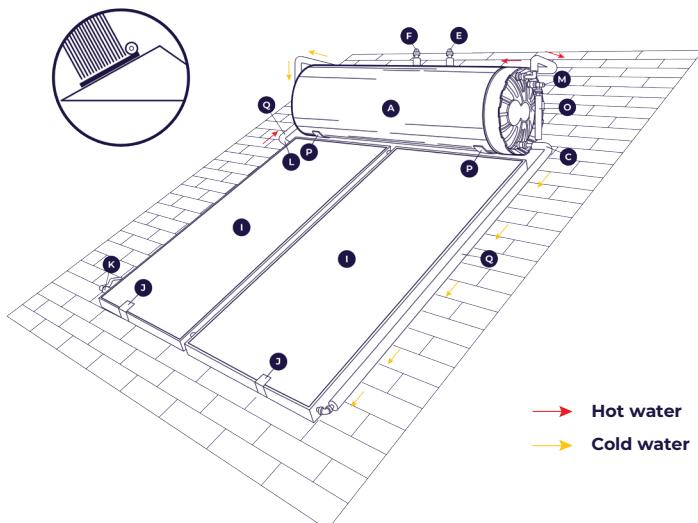
### Installation Responsibility

Kwikot does not provide warranties for installation work. Any claims regarding installation must be directed to the installer, who is solely responsible for ensuring compliance. If any installation issues arise, the installer must provide a written report to the end user.

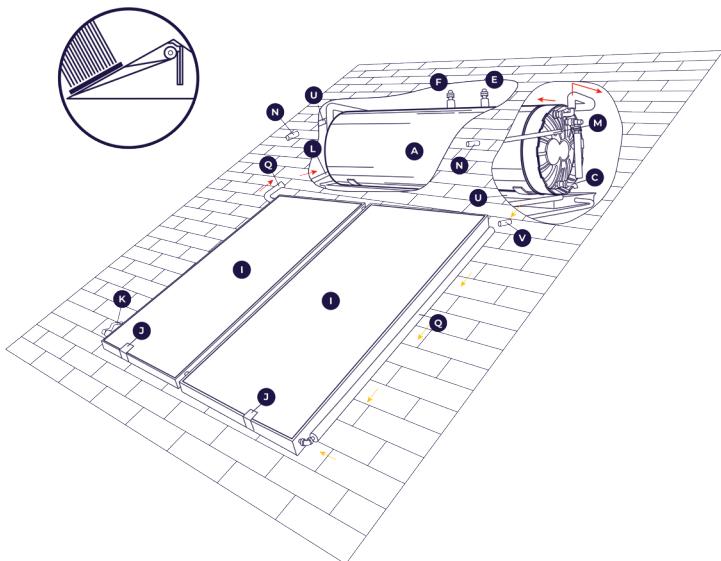
\*Refer to website for product warranty periods on parts.

# Installation Diagram

## Indirect Thermosyphon Close Coupled System

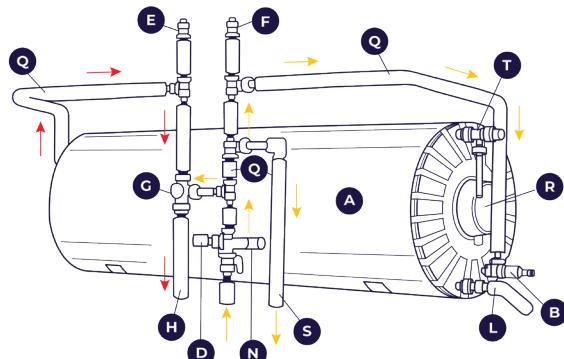


## Indirect Thermosyphon Split System



- A. Kwiksol Indirect water heater, 400kPa
- B. Drain cock
- C. Cold water feed to solar collector panels
- D. Multi pressure control valve, 400kPa
- E. Vacuum breaker hot side
- F. Vacuum breaker cold side
- G. Thermostatic mixing valve
- H. Hot water feed to taps (balanced pressure)
- I. Solar collector panels
- J. Roof mounting brackets for solar collector panel
- K. Lever ball valve
- L. Hot water feed to solar water heater
- M. Safety valve, 400kPa
- N. Expansion overflow pipe
- O. Safety valve overflow (metallic pipe)
- P. Pitch roof support for solar water heater
- Q. Thermal pipe lagging (R1 rating)
- R. Electrical cover plate
- S. Cold water feed to taps (balanced pressure)
- T. Expansion valve 100kPa
- U. Drip tray
- V. Overflow from drip tray (min 40mm)

### Rear view



## Register Your Kwikot Product Today!

### Why Register?

Ensure peace of mind by registering your Kwikot product and enjoy these exclusive benefits:

- **Full Warranty Activation** – Get complete coverage for your product.
- **Stay Informed** – Receive important safety and product updates.
- **Proof of Ownership** – Simplify future service or support requests.

### Who Can Register?

- Homeowners who have purchased and installed a Kwikot product
- Licensed plumbers or installers registering on behalf of clients

Scan here  
to register

### What You'll Need to Register:

- Installation date
- Product serial number (found on your product)
- Proof of purchase or installation (optional upload)
- Contact details (name, email, phone number)



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### Need Assistance?

**Sales and Payment Queries:**  
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technical.info@kwikot.com

[www.kwikot.com](http://www.kwikot.com)

**Admin, Marketing and Product Queries:**  
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