



Features – Evacuated Tube Collectors

- Approved to use in frost areas.
- The solar vacuum tubes consist of two glass tubes manufactured from borosilicate glass.
 - The outer glass tube is transparent allowing light rays to pass through it with minimum reflection.
 - The inner glass tube is coated with a solar special selective coating (Al-N/A1), which provides excellent solar radiation absorption.
 - The top of the two vacuum tubes is fused together and the air is extracted, which forms a vacuum and is key to the efficiency of the vacuum tubes.
 - To maintain the vacuum between the two vacuum tubes, a barium getter is used. The barium layer also provides a clear visual indication of the vacuum status. The silver coating will turn white if the vacuum is ever lost.
- Anodized aluminium frame and manifold.
- Working pressure up to 600kPA.
- Tested as part of a SANS 1307 system and has international test certificates.

Features – Flat Plate Collectors

- Manufactured with an aluminium frame, 4mm toughened prismatic, non-reflective anti-hail tempered glass.
- Durable copper waterway tubes.
- Rubber seals ensure durability and reliability in extreme climate conditions.
- Semi-selective black chrome surface on copper substrate offers maximum absorption efficiency.
- Total and useful energy rating 4.19kWh/m².
- Tested as part of a SANS 1307 system and has international test certificates.

Warranties

- 5 years, applicable to defects which have arisen due to faulty materials and workmanship during the manufacturing process of the solar collectors.
- If any component fails during the warranty period, Kwikot will replace or repair the failed component free of charge.
- Evacuated Tube Collector – Breakage or cracks to the vacuum tubes is not covered.
- Flat Plate Collector – The solar collector glass is not covered by the warranty.

Geyser Capacity	EVACUATED TUBE COLLECTOR			FLAT PLATE COLLECTOR		
	100L	150L	200L	100L	150L	200L
Length (m)	1.9	1.9	1.9	1.5	2	2
Width (m)	1	1.3	1.64	1	1	1.25
Height (cm)	16	16	16	8	8	8
Number of Tubes	12	16	20	-	-	-
Number of Panels	-	-	-	1	1	1
Mass Full (kg)	40	48	62	22.5	30	43
Tube Dimensions	1.8m x 5.8cm	1.8m x 5.8cm	1.8m x 5.8cm	-	-	-