

SOLAR RAY

GIVING YOU MORE FOR LESS!

100ℓ 150ℓ 200ℓ
HIGH PRESSURE
SOLAR
WATER HEATERS



Features

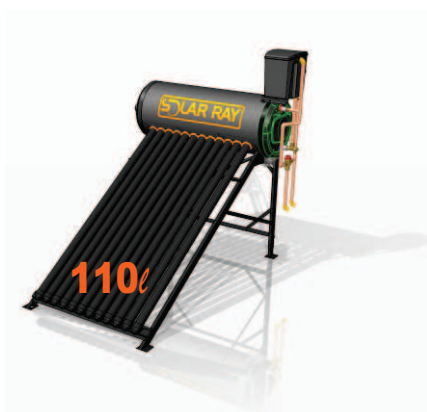
- All components with exception of collector tubes are locally supplied.
- Tank is manufactured from tough grade 444 stainless steel 1.2 mm thick.
- Evacuated tubes are top quality, 2.2 mm thick and German designed.
- Tough pre-coated corrosion resistant Aluzinc outer wrap.
- Tank insulating material is zero emission and is 2015 protocol compliant.
- The framework is available in various forms for ease of installation.
- High Pressure Water heater rated at 400kPa.
- The units are installed on roof.
- Freeze resistant.
- Hail resistant.
- 10 year guarantee on the tank.
- 25 years design life.
- 15 years design life on tubes.
- Anodic protection.
- Electric backup.

		SRHPE-100 ℓ, 150 ℓ, 200 ℓ		
		100ℓ	150ℓ	200ℓ
Packaging info	Type	Boxed	Boxed	Boxed
	Size	500 X 500 X 1300	500 X 500 X 1745	500 X 500 X 2244
Dimensions and Capacities	Size of Geyser	1260 X 470 Ø	1730 X 470 Ø	2230 X 470 Ø
	Weight installed System Empty	101kg	114kg	142kg
	Weight installed System Full	201kg	264kg	342kg
	Overall Footprint including tubes	1608.4 X 2258 mm	2073.5 X 2258 mm	2570.4 X 2258 mm
Tank Information	Capacity	100L	150L	200 L
	Inner Tank Material	1.2mm 444 Stainless Steel	1.2mm 444 Stainless Steel	1.2mm 444 Stainless Steel
	Inner Tank Diameter	360mm Ø	360mm Ø	360mm Ø
	Insulation Material	Polyurethane Foam	Polyurethane Foam	Polyurethane Foam
	Insulation Thickness	50mm	50mm	50mm
	Insulation Density	36kg. m ³	36kg. m ³	36kg. m ³
	Outer Tank Material	Precoat 0.4 Alu-Zinc	Precoat 0.4 Alu-Zinc	Precoat 0.4 Alu-Zinc
	Outer Tank End Caps Material	UV resistant Polypropylene	UV resistant Polypropylene	UV resistant Polypropylene
	Product Diameter	470mm Ø	470 mm Ø	470mm Ø
	Tank Joints	Butt Welded	Butt Welded	Butt Welded
	Tank Exit / Inlet Tubes	3/4 inch male exit / inlet	3/4 inch male exit / inlet	3/4 inch male exit / inlet
	Element	2000W	2000W	2000W
	Volts	230V 50Hz	230V 50Hz	230V 50Hz
	Working Pressure	400kPa	400kPa	400kPa
Solar Collector Tubes	Outer Tube Diameter	58mm Ø	58mm Ø	58mm Ø
	Material	High Borosilicate glass	High Borosilicate glass	High Borosilicate glass
	Tube QTY	13	19	25
	Thickness	2.2mm	2.2mm	2.2mm
	Tube Length	1.8m	1.8m	1.8m
	Collector . m ²	2.015 m ²	2.945 m ²	3.875 m ²
	Collector Tube Output	150 W ea	150 W ea	150 W ea
Support Stand Information	Material	1.6mm Galvanised and Powder Coated	1.6mm Galvanised and Powder Coated	1.6mm Galvanised and Powder Coated
	Installation	Pitched Roof or Flat Roof	Pitched Roof or Flat Roof	Pitched Roof or Flat Roof
Efficiency	Standing Heat Loss	1.62 kW per 24 hours	1.942 kW per 24 hours	2.26 kW per 24 hour

10 YEAR PRODUCT GUARANTEE*

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110L GRAVITY FEED WATER HEATERS

Features

- All components with exception of collector tubes are locally supplied.
- Tank is manufactured from tough grade 444 stainless steel 0.7mm thick.
- Evacuated tubes are top quality, 2.2mm thick and German designed.
- Tough pre-coated corrosion resistant Aluzinc outer wrap.
- Tank insulating material is zero emission and is 2015 protocol compliant.
- Framework is available in various forms for ease of installation.
- This particular hot water heater is of the gravity feed cistern design.
- Units installed on roof.
- Freeze resistant
- Hail resistant
- 5 year guarantee on the system.

Horizontal Thermosyphon Borosilicate glass tubes

Working Pressure:	Atmospheric
Fitment:	On Roof
Size:	110L

Construction

Inner tank:	Grade 444 S/S
	Thickness: 0.7mm
	Diameter: 360mm
Outer Wrap:	Aluzinc 150 micron precoat
	Thickness: 0.45mm
End Caps:	Polypropylene UV Stabilized
Tank Fittings:	3/4" 316 S/Steel male exit from sides
Heating Element:	None fitted
Thermostat:	None fitted
Water Reservoir	Polypropylene UV stabilized
	Capacity 7L
Tank Seals	High Temperature silicone
Geyser Dimensions	Outer Dimensions 470mm

Solar Energy Collector

Type:	Glass tube
Construction:	Diameter 58mm
	Length 1.8m
Quantity tubes:	12 tubes
Collector Area:	1.97 m ²

Length

Excluding outlet pipes:	1260mm
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Weight of units empty:

Excluding tubes:	26kg
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Package sizes:

Geyser Tank:	Length: 1350
	Width: 510
	Height: 510
12 Tube Box:	L1870 x W290xH250
	Weight: 30KG
Reservoir box:	L350 x W300xH250
	Weight: 3.5KG

5 YEAR PRODUCT GUARANTEE*

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150L GRAVITY FEED WATER HEATERS

Features

- All components with exception of collector tubes are locally supplied.
- Tank is manufactured from tough grade 444 stainless steel 0.7mm thick.
- Evacuated tubes are top quality, 2.2mm thick and German designed.
- Tough pre-coated corrosion resistant Aluzinc outer wrap.
- Tank insulating material is zero emission and is 2015 protocol compliant.
- Framework is available in various forms for ease of installation.
- This particular hot water heater is of the gravity feed cistern design.
- Units installed on roof.
- Freeze resistant
- Hail resistant
- 5 year guarantee on the system

Horizontal Thermosyphon Borosilicate glass tubes

Working Pressure:	Atmospheric
Fitment:	On Roof
Size:	150L

Construction

Inner tank:	Grade 444 S/S
	Thickness: 0.7mm
	Diameter: 360mm
Outer Wrap:	Aluzinc 150 micron precoat
	Thickness: 0.45mm
End Caps:	Polypropylene UV Stabilized
Tank Fittings:	3/4" 316 S/Steel male exit from sides
Heating Element:	None fitted
Thermostat:	None fitted
Water Reservoir	Polypropylene UV stabilized
	Capacity 7L
Tank Seals	High Temperature silicone
Geyser Dimensions	Outer Dimensions 470mm

Solar Energy Collector

Type:	Glass tube
Construction:	Diameter 58mm
	Length 1.8m
Quantity tubes:	16 tubes
Collector Area:	2.62 m ²

Length

Excluding outlet pipes:	1480 mm
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Weight of units empty:

Excluding tubes:	38 kg
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Package sizes:

Geyser Tank:	Length: 1650
	Width: 510
	Height: 510
12 Tube Box:	L1870 x W290xH250
	Weight: 30KG
Reservoir box:	L350 x W300xH250
	Weight: 3.5KG

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