

Neopower®

THE **BEST** CHOICE FOR
SOLAR HOT WATER

250L Tank 2 Flat Panel Gas Boosted Solar Hot Water

- ★ 250L + 2 Flat Panel + Gas (26 l/s)
- ★ Meet 6 Star Energy Rating Requirements
- ★ Certified – Australian Standard 2712
- ★ Eligible for Government STC's rebate
- ★ Save up to 80% of Hot Water Needs
- ★ Installation of a solar hot water can increase the property value
- ★ Roof mounted collectors, transfer energy to tank on the ground
- ★ Aesthetic design – low visual impact
- ★ Speedy installation



Why Choose Neopower?

Imaca Pty Ltd (Neopower) is solar hot water specialist, has manufactured and supplied solar hot water over 4 years in Australia.

Neopower has been designed with the needs of the builder and customer in mind. The Neopower Solar hot water system, with an aesthetically pleasing design, is easy to install.

All Neopower systems have complied with relevant Australian Standard and requirements. They all register with CER (Clean Energy Regulator) and are able to claim STC rebate.

Committed to quality, innovation & energy efficient solutions.

Neopower system meets the 6 Star Energy Rating Requirements.

Neopower booster are highly energy efficient and feature a 6 Star energy rating. Gas boosted (26 l/m) solar hot water provides neverending, steaming hot water when you want it.

A complete range of system: different tanks (250L, 315L and 400L), gas boosted/ electric boosted, vitreous enamel tank/ stainless steel tank, residential system/ commercial system etc.

Extensive sales and services network and prompt service.

Other quality products from Neopower

Evacuated tube solar hot water, continuous flow gas water heaters and LED lightings...

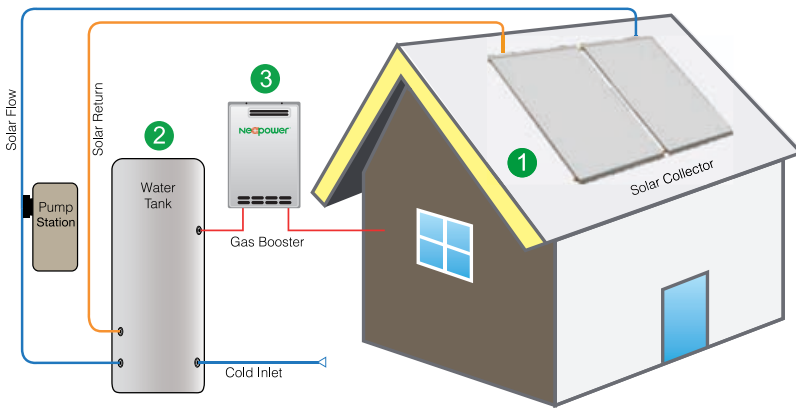


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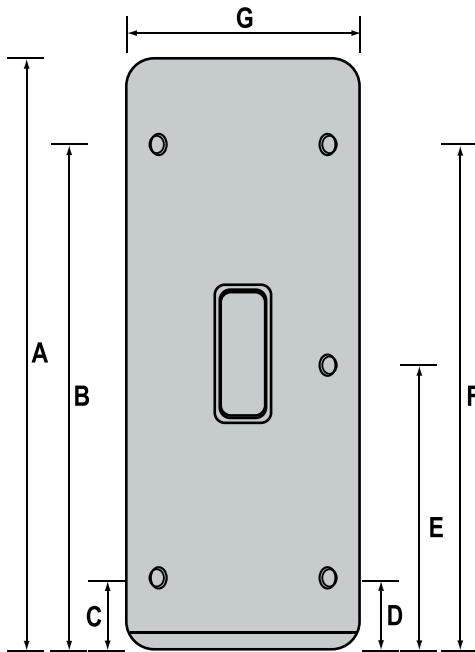
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How Solar Hot Water Works

- 1 Cold water is pumped through the roof panels, and is heated by the sun.
- 2 The heated water returns to the tank, and is stored for later use.
- 3 At night (or on especially cold days), the gas or electric booster makes sure the water is heated to a usable temperature.

Water Tank



| | Description | 250 Litre | 315 Litre | 400 Litre |
|-----------------|-------------|-------------------|-----------|-----------|
| TANK | A (mm) | 1388 | 1700 | 1711 |
| | B (mm) | 1167 | 1464 | 1474 |
| | C (mm) | 74 | 74 | 74 |
| | D (mm) | 74 | 74 | 74 |
| | E (mm) | 574 | 574 | 574 |
| | F (mm) | 1167 | 1464 | 1474 |
| | G (mm) | 648 | 648 | 730 |
| | Weight | Kilograms (empty) | 84 | 102 |
| Solar Collector | 2 panels | • | • | • |
| | 3 panels | • | • | • |
| Booster Options | N20/L20 | • | | |
| | N26/L26 | • | • | • |
| | Electric | • | • | • |

- Wide range of tank sizes (250, 315 and 400L)
- Vertical tank structure increases efficiency
- Vitreous enamel lined steel with sacrificial anode for long life even in hard water areas
- Durable Colorbond weather proof casing
- Robust construction with high density thermal insulation

Flat Plate Collectors (FPC)

| | |
|---------------------------|---------------------------|
| Dimensions L x W x H (mm) | 2005 x 1005 x 90 |
| Aperture area (m2) | 1.94 |
| Weight (kg) | 38 |
| Glass Type | 3.2mm Toughened Glass |
| Absorber Coating | Blue Titanium – Selective |
| Casting Material | Aluminium Alloy |

- Easy installation, long service life
- Collector models for high and low solar radiation areas
- Toughened glass and durable copper waterway tubes
- High blue selective coating, high absorbing efficiency
- Laser welding technology, heat faster, heat loss less

Gas Booster Specifications

| Model | N20/L20 | N26/L26 |
|-------------------------------|--------------------------|-------------|
| Rating (l/min @25 rise) | 20 | 26 |
| Energy Star Rating | 6 | 5.8 |
| Thermal Efficiency (%) | 80.5 | 79.6 |
| Weight (kg) | 14 | 17.2 |
| Height*Width*Depth (mm) | 520*350*170 | 542*350*320 |
| Water Inlet Pressure (kPa) | 340-1200 | |
| Gas Connection (mm) | 20 BSP | |
| Water Connection (mm) | 15 BSP | |
| Ignition | Electronic | |
| Gas Type | Natural/ LPG (Propane) | |
| Electrical Supply Voltage (V) | 240 | |
| Residential Warranty | 10 Years Heat Exchanger | |
| | 3 Years Parts and Labour | |

NOTE: An approved tempering valve must be fitted on the hot water outlet from the gas hot water system. WARNING: Do not use plastic pipe between the storage tank and solar collector panels. To do so will have catastrophic consequences. Insulation of copper flow and return lines must be in accordance with AS 3500.4 industry standard. All details in this document are accurate at time of publishing. Product specifications may change without notice.

For the latest product details and specifications, please visit our website - www.neopower.com.au



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