



ASPIRE
POOL SOLAR HEATING



Embrace Sustainability
Solar is FREE energy



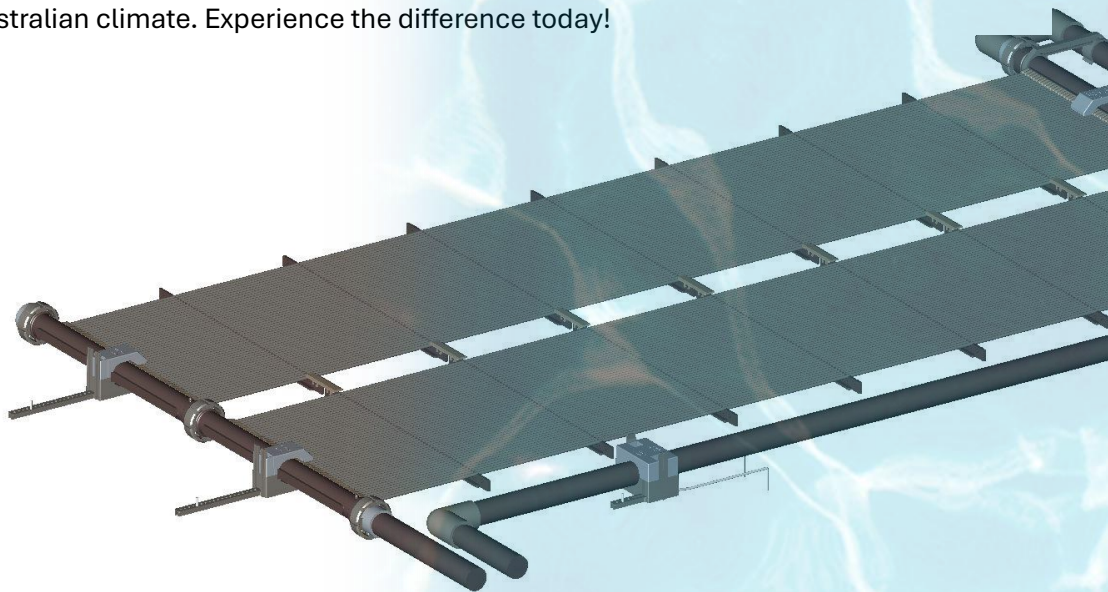
PROUDLY 100% AUSTRALIAN OWNED AND MADE FOR AUSTRALIAN CONDITIONS

FOR POOL HEATING, “Ask for ASPIRE by name”

Why Choose Aspire Solar for Your Pool Heating Needs

1. **Innovative Design for Harsh Conditions:** Australia is a leader in solar pool heating, but our unique climate poses challenges for collector materials and pipework. Aspire Solar's system is specifically engineered to thrive in these conditions, utilizing advanced polymers to resist UV damage caused by intense sunlight.
2. **Durability and Reliability:** Our patented Injection Over Mold technology ensures that each tube is bonded to the manifold, creating a single-piece, rugged panel. This design minimizes potential leaks that are often seen in other systems, providing peace of mind and long-lasting performance.
3. **Superior Sealing Technology:** We incorporate triple seal male-to-female joints between panels and couplings, which guarantees easy alignment and a watertight seal. Our system is built to prevent leaks, ensuring efficient operation and reducing maintenance concerns.
4. **Roof-Friendly Installation:** The unique batten hooks and manifold-to-pipe clips significantly reduce the need to penetrate tiled roofs during installation, minimizing the risk of tile breakage and roof leaks. With Aspire Solar, you can protect the integrity of your roof while enjoying efficient heating for your pool.
5. **Fast and Safe Installations:** Our screwless camlock nuts and joiner clips facilitate quicker and safer installations compared to traditional systems. This not only saves time during setup but also enhances overall safety for the installation team.

By choosing Aspire Solar, you're investing in a reliable, innovative, and durable solar pool heating solution tailored to withstand the demands of the Australian climate. Experience the difference today!



Does Solar Still Work on Cooler Days.

It's a common misconception that pool water can't exceed the air temperature. In reality:

- Solar radiation (UV and Infrared light heats the surfaces directly.
- Roofs and panels can reach **40-60°C**, even when the air is only 20°C.
- That heat is transferred to the water flowing through the panels.

So yes, your pool can absolutely heat beyond the day's air temperature.

The Bottom Line.

Solar Pool Heating is simple and effective:

- It uses **FREE** solar energy.
- Automatically operates when conditions are right.
- Can raise pool temperatures well above ambient air temperature.

Adjustable Expansion Clamps:

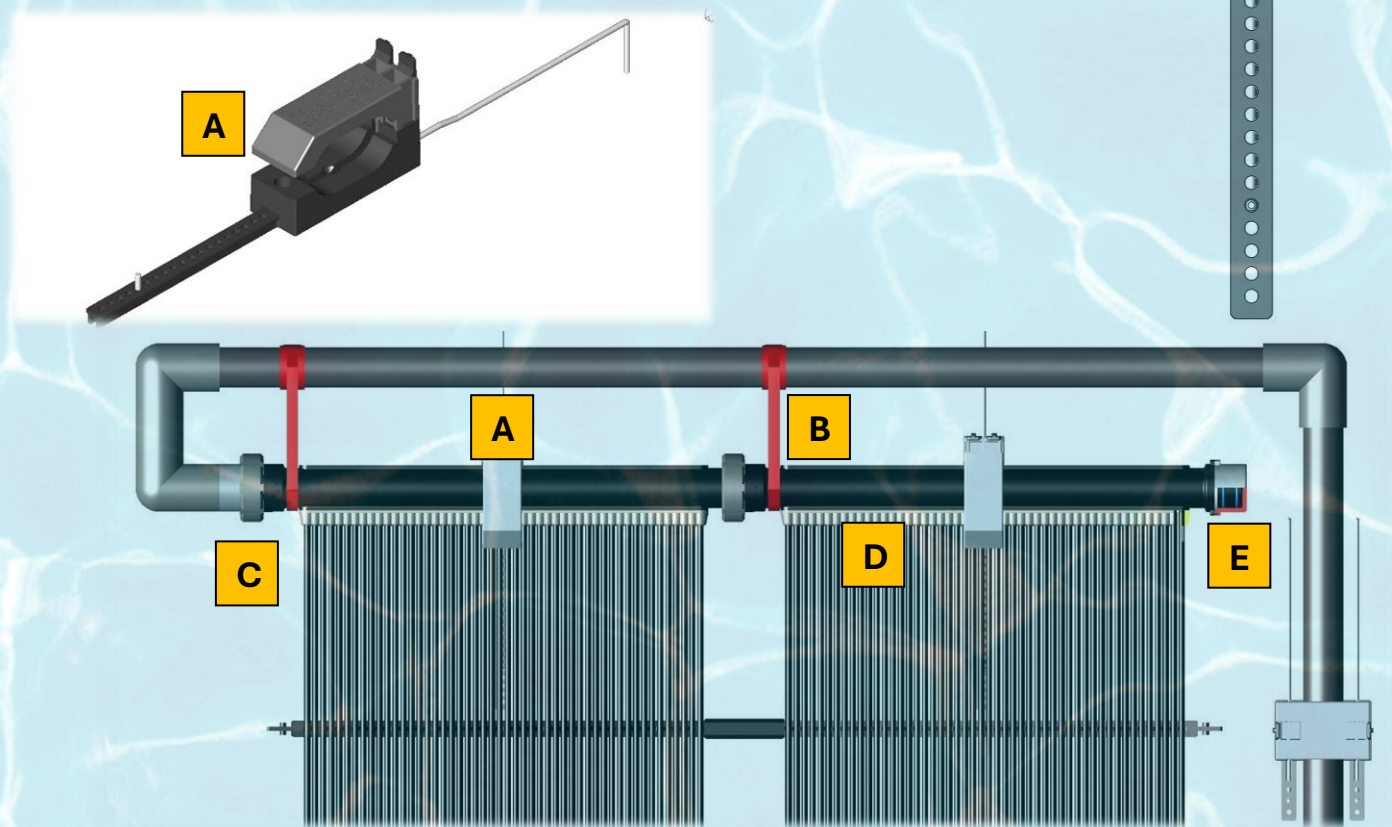
Our innovative mounting clamps are designed to accommodate the natural expansion and contraction of solar panels and pipework caused by constant temperature changes.

Batten Tile Rods:

Manufactured from corrosion-resistant 316 marine grade stainless steel, these rods allow clamp adjustment in 10mm increments, giving installers precise clamp alignment on uneven tiled roofs with zero roof penetration.

Universal Mounting:

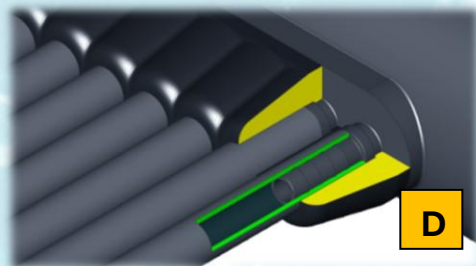
Our universal panel clamps are compatible with metal, tile, and shingle roof types. The vertical pipe clamp is designed to accept 40mm PVC pipework.



Over Mould Technology: Our patented, state-of-the-art polymer technology combines an internal barbed with an injection over-moulded sheath to securely anchor and bond each tube to the manifold, ensuring a reliable watertight seal.



Manifold to Pipe Clip: [highlighted here in red] Securely fastens flow or return pipework to the panels without penetrating the roof, eliminating the need for conventional saddle clips.



Triple Seal Security: When it comes to water fittings, a reliable seal is essential. That's why sealing performance was made a priority in our design. By incorporating three seals on both the panel manifold and couplings, the system delivers a secure, watertight connection you can depend on.



Panel Cam Lock Nut: allows the system to be quickly locked and sealed by turning the nut just one-eighth of a revolution. No screws or adhesive are required. Once the nut is fully engaged, a secure retaining clip is inserted to prevent the nut from loosening or coming undone.





Enjoy and Extend Your Swimming Experience

Whether you own a commercial or residential pool, Aspire Pool Solar designs and installs tailored solar heating systems to meet your specific needs.

Using advanced polymer manufacturing technology at our purpose-built facility, we custom-mould solar panels to perfectly fit your available roof space. This ensures maximum heat efficiency while maintaining a clean, seamless look.

The result is a high-performance, visually striking solar solution that not only enhances your swimming comfort but also adds lasting value to your property.

All Aspire panels come in standard 600mm widths but can be ordered in lengths from 900mm to 5400mm in 300mm increments. Extra freight charges will apply with panels over 4200mm. Support rails are placed every 300mm and can be connected to give greater rigidity and conformity to multi-panel arrays.

THE SMART CHOICE IS – ASPIRE SOLAR!



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