

Questions & Answers

How does the system work?

SolAir World air conditioners uses the sun and the ambient air temperature through a heat exchange process to assist in the condenser process. Through a combination of inverter and heat exchange technology it improves the efficiency when compared to other non-inverter, non-solar air conditioners, sometimes as much as 70%* when operating under low frequency conditions.

Does the panel have to be in direct sunlight?

No, it is designed to function in ambient air temperature. The thermal panel operate efficiently in shade or even at night. It will work better in full sun when the outside is at its hottest but also operates in nearly all conditions. The temperature range is between -5 and 50 degrees Celsius.

Does the panel have to go on the roof?

No, it is mounted on the wall beside the outdoor unit.

Do you sell ducted or multi head systems?

Yes. Our Ducted split system with DC inverter - is thermal boosted providing heating & Cooling. SolAir World's Dual Head units have the ability for you to operate two indoor units to one outdoor unit.

Can the head units be operated individually?

Yes, each unit can be operated independent from each other with individual remotes. Each indoor unit can be operated individually and also installed in adjoining properties whilst having the advantage of being metered separately.

What about the installation of your thermal air conditioner?

Our solar thermal air conditioner units are similar to traditional air conditioners, easy and convenient for installation and compact in size.

Can the solar thermal air conditioner operate at night, when cloudy or during winter?

Our solar thermal air conditioner operates efficiently at night, on cloudy days or during winter. The solar thermal air conditioner stores thermal heat energy in a box in the thermal collector. So even when you are short on sunshine, our system can still absorb heat from the atmospheric conditions to heat the water inside the water tank.

What is the warranty?

Our products are warranted for 12 months for commercial, industrial or display use and 5 years warranty for domestic use. Product must be installed by an authorised Licensed Air Conditioning Contractor as per installation guidelines.

****Up to 70% on power usage can be achieved during the low frequency (off cycle) if installed and sized correctly and once roomtemperature has been reached based (Duel head units) Test results are based on third party testing and actual installations.***