



Australian Made and Owned



# RHINO

## BLACK



✓ THE ONLY AUSTRALIAN MADE AND OWNED PANEL

✓ 25 YEAR WARRANTY

✓ 12 YEAR COCKATOO WARRANTY\*

✓ ECO FRIENDLY USING THE SUNS FREE ENERGY

✓ HAIL PROOF DESIGN

✓ SPECIFICALLY DESIGNED FOR THE HARSH AUSTRALIAN CLIMATE

✓ EXTREME WIND RESISTANT DESIGN

 **BossSolar**

 **SOLAR  
WISE**

# DOUBLE YOUR SWIMMING SEASON

And save thousands by using Nature's Free Energy!

Swimming pools can be a refreshing source of exercise and entertainment, particularly during those warm summer months.

Unfortunately, most pools are unused during the cooler months, when the pool water becomes too cold to swim in comfortably.

Solar pool heating can extend your swim season by up to six months\*.

Don't let your pool go to waste, install a Rhino Solar system and enjoy the benefits of having a pool - more fun, fitness and entertainment for everyone.

\*Subject to location, seasonal variations, customer demands and other factors



## WHY SOLAR POOL HEATING?

Solar Pool Heating is by far the most economical and eco-friendly way to heat your pool. Used for centuries, Solar is a proven thermal engineering concept that will allow you to make the most of summer while saving thousands on electricity or gas bills.



### DOUBLE YOUR SWIMMING SEASON

Installing a Solar Pool Heating system will allow you to enjoy a more comfortable swimming temperature for more months of the year



### ECO-FRIENDLY

Don't burn fossil fuels and increase greenhouse gas emissions by installing a Gas Heater or Heat Pump, harness the free and sustainable power of the sun with Solar Pool Heating



### SAVE UP TO \$80,000 ON POWER BILLS

Solar harnesses the sun's free energy instead of electricity or gas, saving you up to \$80,000 over our warranty period\*. See our solar savings calculator (<http://www.bossolar.com.au/savings-calculator/>) to compare the cost of heating options - the amount you could save will amaze you



### LONGER WARRANTY

Gas and Heat Pumps are typically only covered by a 5 to 10 year warranty, Rhino Black is covered by a 25 year warranty\*



### DURABLE AND RELIABLE

With no internal wiring, controls, circuits or moving parts solar pool heating is highly durable and reliable



### LOW MAINTENANCE COSTS

Solar Pool heating's simplistic design makes it easy and inexpensive to maintain



### QUIET OPERATION

Relax without the irritating hum of Gas or Heat Pumps

\* Subject to conditions, contact Boss Solar for more information



## The **ONLY** Australian Made Rigid Solar Pool Heating Panel

Providing both efficiency and cost effectiveness, Rhino Black is produced by Boss Solar - Australia's largest and most trusted solar pool heating manufacturer.

With over 25 years of experience, you can rely on Boss Solar to provide the most innovative and reliable solar pool heating products.

Rhino Black has been specifically designed to withstand the harsh Australian climate. Supplied with top quality componentry and at an affordable price, Rhino Black offers both performance and value.

## SUPERIOR MATERIALS AND DESIGN

### FIXING TRACK AND CLIPS

Securely fixes the system to the roof surface. Fixing the spread over the entire collector surface area, with no concentrated stress points, there is less potential for roof damage

### SECURE LOCKING SYSTEM

Fast and firm connection between the collector and header pipe

### SUPERIOR BARB FUSION WELD

10 times greater weld surface area compared to over moulding. This means that there is no concentrated stress point, resulting in increased strength and crack resistance

### SILICONE RUBBER LIP SEAL

For a reliable, leak-proof seal for the life of the system

### BASE WEB WITH FLEXIBLE HINGE

The base web prevents loss of heat to a breeze or wind while the flexible hinge allows the system to sit flat on your roof and hug the contours. This also allows for non-uniform expansion of tubes

### UV STABILISED POLYPROPYLENE

Selected for its excellent heat transfer properties and toughness

### SUPERIOR RING CLAMP ASSEMBLY

Manufactured from high quality components including 316 stainless steel and silicone rubber, the Rhino Black ring clamp assembly will provide reliable leak-proof sealing for the life of the system



### SUPERIOR HEADER FUSION WELD

With 1.5 times the surface area/strength compared to some traditional panels

### SECURE AND DURABLE MOUNTING CLAMPS

Securely mounts Rhino to any roof type with minimum penetrations

\*Warranty subject to conditions, contact Boss Solar for more information

# RHINO BLACK FEATURES & BENEFITS



## AUSTRALIAN MADE

Support Australian products by purchasing a Rhino Black system, the only rigid panel to be manufactured in Australia. Rhino Black is designed and manufactured by Australians for our harsh Australian conditions



## MANUFACTURED USING UV STABILISED POLYPROPYLENE

Selected for its excellent heat transfer properties and toughness, UV stabilised polypropylene is ideally suited for resisting direct sun exposure and pool chemicals



## SIMPLE TO INSTALL AND SERVICE

Rhino Black is easy to install and service as its components can be quickly and easily fixed or replaced



## WIDEST RANGE OF PANELS

With over 15 different panel size combinations, Rhino Solar can be easily customised to suit almost any roof



## PRODUCED BY BOSS SOLAR

Australia's Largest Solar Pool Heating Manufacturer for over 25 years

## Tough and Durable Design Safeguards Rhino Black Against:



Cockatoo  
Attack



Hail  
Damage



UV  
Exposure

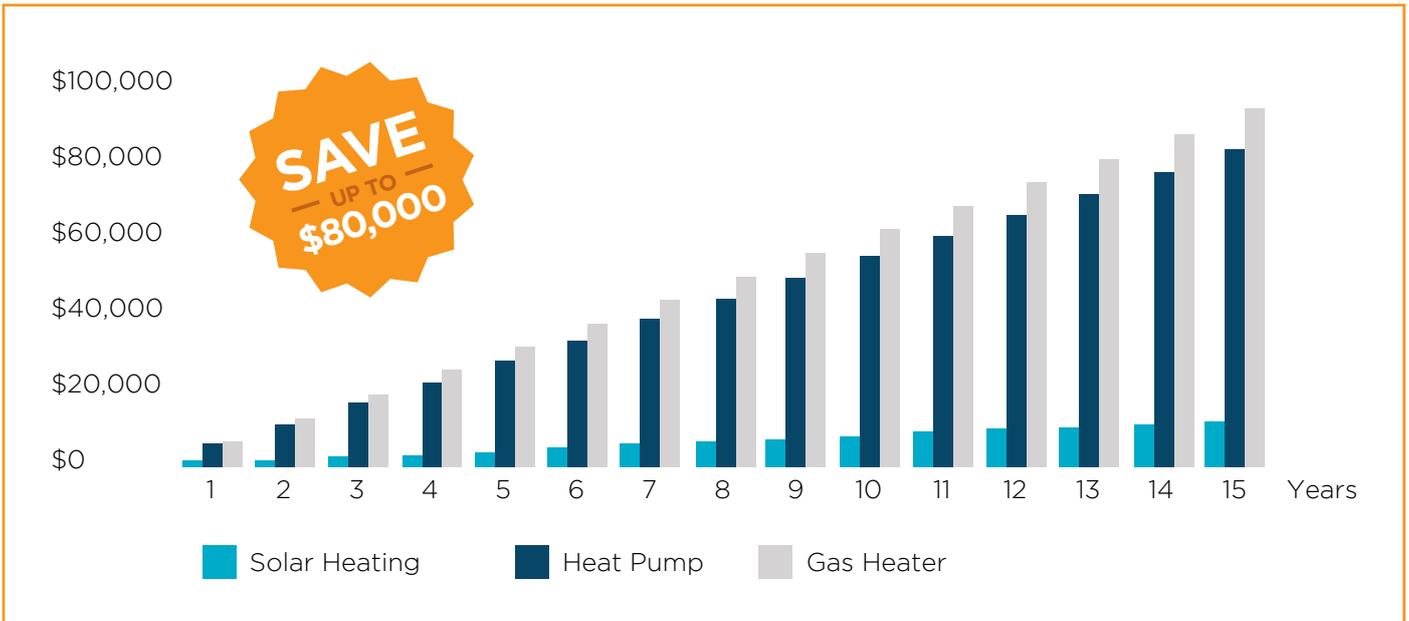


Pool  
Chemicals



Extreme  
Wind

# COST OF HEATING YOUR POOL



By installing a Rhino Solar Pool Heating System, over the life of the warranty, you will save the planet 140 tonnes of greenhouse gas emissions compared to a Heat Pump and 160 tonnes compared to a Gas

Heater. Over the same period you will save up to \$69,850 and \$80,580 on running costs compared to a Heat Pump and Gas Heater respectively.

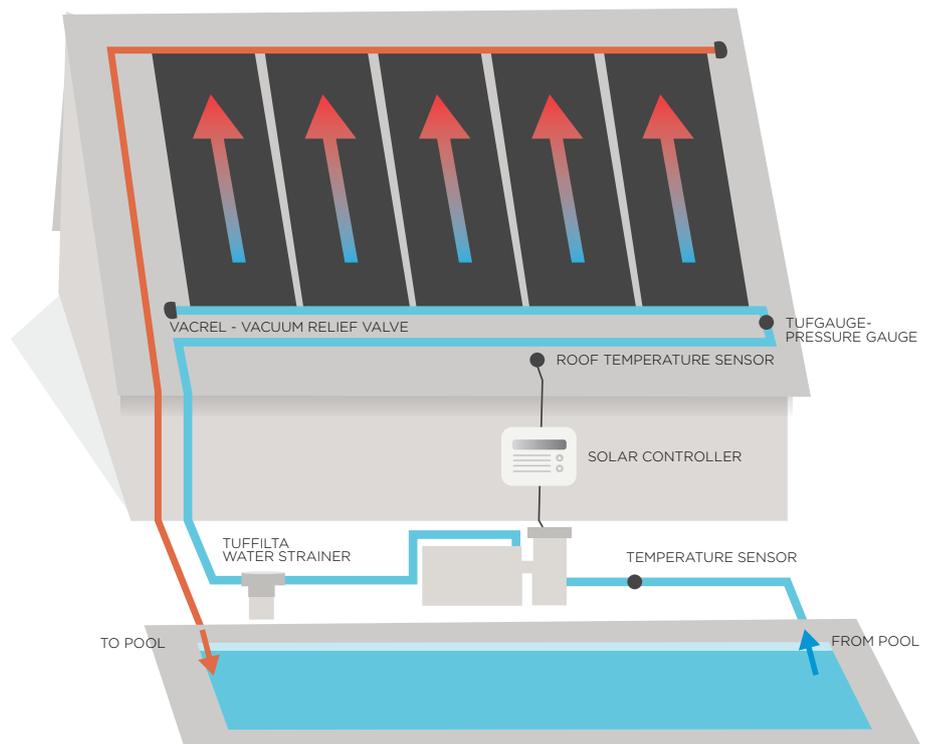


Refer [Ausgrid.com.au/save](https://Ausgrid.com.au/save)

## HOW SOLAR POOL HEATING WORKS

Solar Pool Heating involves pumping pool water through a series of tubes within a panel (known as a solar collector). These panels are installed in a sunny position on a suitably positioned roof or rack. The sun's free energy heats the circulating pool water (think of a garden hose left in the sun) and returns it to the pool at an elevated temperature. This temperature is pre-set by the pool owner via an automatic digital controller.

Solar Pool Heating is easy to operate and highly effective. Make the most of summer, with Rhino Black.



**Solar Pool Heating is effective, simple to operate and easy to maintain. The choice is easy!**



**TO LEARN MORE ABOUT OUR SOLAR POOL HEATING PRODUCTS PLEASE CONTACT US AT:**

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 **BossSolar**

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**WISE**<sup>®</sup>