

## Solar Cover and Roller fact sheets.

### **Pool Covers**

Here's your chance to join the lucky ones and extend your swimming season by months and months and also make round-the-clock swimming a daily event. Let's face it, for most of us a chilly pool is not exactly inviting, except when the weather is at its warmest.

Yet it needn't be that way.

A Solar Pool Blanket is the quick and easy answer. This world-class Australian made product is made by Daisy Pool Covers. It works as well on the tiniest outdoor spa as it does on a monster pool, or a commercial / municipal installation. Putting aside the technicalities, it keeps the water in your pool around eight degrees warmer, it retains the warmth in a heated pool and it keeps most tree debris and other flying rubbish out of your pool. In spite of all these advantages, for many pool owners the biggest attraction will be the impressive savings clocked up on pool chemicals and water loss through evaporation. It's safe to say that whatever type of indoor or outdoor pool or spa you have, a Solar Pool Blanket will have paid for itself within 12 months of installation.

And what about installation? Frankly, it's a breeze - a job you count in minutes, not hours. Being a handyman is not a real advantage - the easy-to-follow instructions do the thinking for you. And once your Solar Pool Blanket is installed you'll find that "easy operation" is no rash claim. About 30 seconds is all it takes to cover or uncover a typical domestic pool. It's worth spending a few moments reading the technical specification below. It's a surefire way of comparing the Solar Pool Blanket with the less efficient alternatives on offer.



#### **How does it work?**

The Solar Pool Blanket retains the heat. Short wavelength solar energy passes easily through the Solar Blanket. Heat retained in the water, which radiates at longer wavelengths is restricted by the special design of the blanket so it can't readily dissipate into the surrounding atmosphere.

#### **• Warms the Water**

A Solar Pool Blanket will raise the water temperature by up to 8 degrees C. Converting your pool into a giant solar collector, absorbing maximum energy and temperature through the day and preventing heat loss as the outside temperature falls overnight.

#### **• Reduces Heating Costs**

Lower pool heating costs by up to 40% - Solar Pool Blankets reduce evaporative heat loss, putting paid to rising energy costs.

#### **• Keeps Your Pool Clean**

With a Solar Pool Blanket fitted to your pool, leaves and debris are quickly brushed / scooped off the surface of the blanket to be collected in the skimmer box. Save hours each year in time consuming vacuuming and cleaning.

#### **• Swim for Longer**

Swim longer each year in a warmer, more inviting pool.

**• Stops Evaporation** Solar Pool Blankets can reduce evaporation by 97%. During the hot summer months, evaporation can cause the average household pool to lose up to 10,000 liters of water per month.

#### **• Saves Chemical usage**

By keeping evaporation to an absolute minimum, a Solar Pool Blanket substantially reduces the need for chemicals to maintain the pool's correct chemical balance.

#### **• Do I need a roller?**

It is the most convenient way to use the blanket. It will allow (and encourage) you to use the blanket properly, easily and consistently, therefore gaining the most from the benefits available. It also provides easy storage, for there is no need to move the blanket to the shade as the roller comes with an overcover that you put over the blanket while it is on the roller.

#### **• Delivery**

See our web site for current prices and **SPECIAL DEALS** on Solar Cover and Rollers.

Free delivery to anywhere in Australia.



[www.poolshop.com.au](http://www.poolshop.com.au)

**1440 Pittwater Road, North Narrabeen NSW 2101**

Phone: 02-9970 5115 Fax: 02-9970 7766

## Measuring

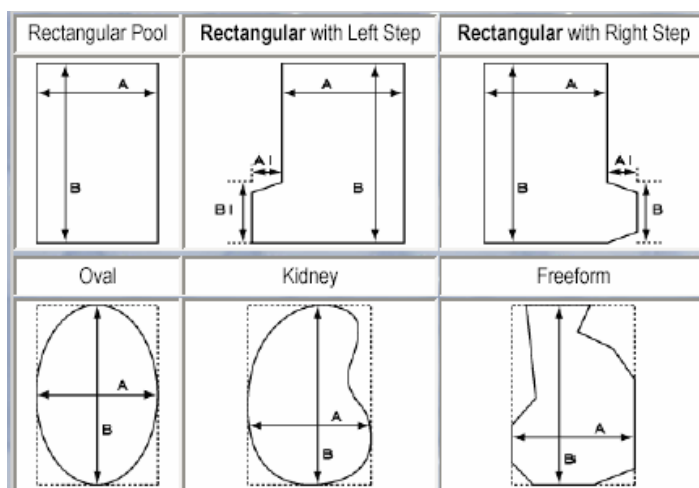
### Measuring the blanket

Measuring your pool is simply measuring the length and width of your pool at water level. If you have any step areas, then measure the step area separately as set out below, so we can manufacture the pool blanket in one piece.

If the pool is not square, then you may have to form a rectangle around the pool with a length of string (rope, cord or even your garden hose) to give you your maximum water level length and width. We will include extra material to allow for an upturn and shrinkage, so the exact water level measurement is all that is required.

### Colours Available

200, 300 & 400 Micron in Blue only  
500 Micron in Green and Blue.



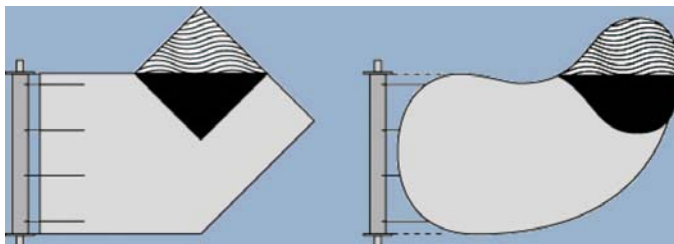
### Life Expectancy / Pro rata warranty

Due to advanced manufacturing techniques, the Daisy Solar Pool Blanket has the largest amount of tougheners, stabilizers, anti-oxidants and UV inhibitors retained within the material (the secret formula that you can not see). All Solar Pool Blankets have unique bubble dispersion with 2/3 of total material on the base layer (the one that is in contact with the chlorine) and bubble design to ensure even material distribution (no sharp corners to weaken the bubble) we ensure maximum performance and longevity. You can expect the life spans of Solar Pool Blankets to vary, below is a table of typical life expectancies: Remember the care you give the blanket will ultimately determine its life.



200 Micron Cover pro rata warranty 3 years and a life expectancy 3-4 years  
300 Micron Cover pro rata warranty 4 years and a life expectancy 4-5 years  
400 Micron Cover pro rata warranty 5 years and a life expectancy 5-6 years  
500 Micron Cover pro rata warranty 8 years and a life expectancy 8-10 years

Cover neatly rolled up.



Fold the cover over before rolling up.

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## Rollers

### There is a Roller System for every pool...

The use of a roller eases the burden of taking the blanket off the pool enabling ease of operation for blanket removal, regardless of blanket size. It provides a suitable storage place for the cover. From children being able to remove most domestic pool blankets, to single adult operation to remove the largest commercial pool covers.

All rollers need to be minimum 300mm longer than the cover width. If you need more information please call us.

### **Standard Rollers.**



#### **Buddy**

The Blanket Buddy is a price conscious roller designed for the larger spa and smaller swimming pool up to 7.3 x 3.6 meters. It has two crank handles to allow easy operation from either side. With adjustable tube lengths, quality over cover and compact design, the Blanket Buddy is an essential asset for the smaller pool. 50mm Aluminium Tube.



#### **UTC 75**

This roller is the standard domestic roller designed for use on swimming pools up to 10.0 x 4.5 meters. Dual hand wheels ensure ease of operation from either side and guidance of your pool blanket onto the roller. Comes with adjustable tube length and quality over cover, the UTC 75 will provide comfortable ease of use for many years of faithful service. 75mm Aluminium Tube.



#### **UTC 100**

Designed for the larger domestic pool up to 12.0 x 6.1 meters. Dual hand wheels ensure ease of operation from either side and guidance of your pool blanket onto the roller. Available with adjustable tube length and quality over cover, the UTC 100 is for those that prefer something a bit sturdier or have a larger pool. 100mm Aluminium Tube.



#### **Above Ground Kit**

Easy fit kit enables conversion of either a Buddy, UTC 75 or UTC 100 roller system on an above ground pool installation. This simple design makes the roller wider than the pool, allowing proper use of a roller. Needs to be purchased with a Buddy, UTC75 or UTC100 roller.

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## 5 Star Premium Rollers



### *5 Star Premium Range*

A top quality product with extra finish and stability. It is capable of recovering the largest domestic pool blanket up to 16.0 x 6.1m. Available in a number of configurations depending on your requirements. Advanced blanket attachment system and clear anodized tubing. "T" Frames powder coated heavy duty aluminium. Complete with stainless steel fastenings and premium quality fitted over cover. **All with 100mm Anodised Aluminium Tube.**

All rollers need to be minimum 300mm longer than the cover width. If you need more information please call us.

### *5 Star Premium Semi-Commercial Range*

For the larger pools up to 20M x 6.7M.

Available in a number of configurations depending on your requirements.

Stationary, Fully Mobile and Maxi.

**All with 125mm Anodised Aluminium Tube.**

All rollers need to be minimum 300mm longer than the cover width. If you need more information please call us.

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## Swimming Pool Heating by Solar Energy

Locality	Pool	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Adelaide	A	22.5	22.5	20.2	16.8	13.8	11.1	10.9	12.7	15.6	17.7	20	21.8
	B	28.8	28.2	24.7	20.1	16.3	13.1	13.1	15.7	19.8	22.6	25.8	28.1
	C	27.8	27.8	25.3	21.5	17.7	14.9	14.7	17	20.3	23	25.2	27.0
Brisbane	A	27	26.4	25	21.9	18.2	15.7	15.3	17.1	20.3	23	25.1	36.2
	B	33.3	32.2	30	25.9	21.3	18.6	18.4	20.9	25	28.5	31.3	32.5
	C	31.3	30.7	29.1	26.5	22.6	20.2	20.1	22.3	25.8	27.9	30.1	30.7
Canberra	A	24.6	23.9	20.9	16.2	11.2	7.8	7.5	10.2	14.9	18.4	21.2	25.1
	B	31.1	29.7	25.5	19.8	14	10	9.9	13.4	19.4	23.7	27.4	31.8
	C	30.9	30.3	27.4	22.9	17.1	13.7	13.7	16.4	21.6	25	27.7	32.2
Darwin	A	29.7	29.5	30.1	28.5	26.7	25	24.5	26.7	28.8	30.1	30.3	30
	B	34.3	34.2	35	33.1	31.6	29.8	29.3	32.2	34.6	35.9	35.6	35
	C	33.1	32.7	33.9	32.8	30.6	29.2	29	31.3	33.1	34.3	34.1	33.5
Hobart	A	19.5	19	16.4	12.9	9.2	6.8	6.5	8.8	11.8	14.8	16.7	18.9
	B	25.3	24	20.2	15.6	10.9	8.1	7.9	10.9	15.1	19.3	21.9	24.7
	C	25.1	24.3	21.4	17.4	13.1	10.6	10.5	13.4	16.7	20.3	22.1	24.3
Melbourne	A	21.8	21.3	19	15.2	11.3	9.1	9	10.7	13.3	16.3	18.7	20.7
	B	28	26.7	23.2	18.1	13.1	10.7	10.7	13.1	16.6	20.9	24.2	26.8
	C	26.9	26.1	23.8	19.7	15.1	12.6	12.5	14.9	17.9	21.3	23.6	25.6
Perth	A	23.5	23.1	21.6	18.6	15.3	13.3	13	14.2	16.5	18.6	21.1	22.9
	B	30.3	29.4	26.8	22.3	18	15.7	15.6	17.6	20.9	24.2	27.8	30.1
	C	28.1	27.7	25.9	22.6	19.3	16.7	16.7	18.4	21.2	23.5	25.7	27.5
Sydney	A	24.3	23.5	22.8	19	15.1	12.3	11.9	13.7	16.9	20.2	22.6	23.7
	B	29.9	28.2	27.4	22.3	17.8	14.6	14.5	17	21.1	25.6	28.7	29.5
	C	28.8	28.2	27.4	25.3	19.5	16.2	16.4	18.4	22	24.9	27.5	28.3

TABLE 2

Predicted average temperatures of the water in OC, in open swimming pools exposed to full sunshine and wind velocity equal to 1/3 of the mean monthly values shown in Table 1. State of pool:

A = unheated and uncovered,

B = covered with double layer clear plastic cover,

C = uncovered and heated with solar collector of area equal to the swimming pool area facing north and of inclination equal to latitude.

This table is reproduced from the report "Swimming Pool Heating by Solar Energy" by J.T. Czarnecki, CSIRO Division of Mechanical Engineering Report TR19