



## **INFLATION INSTRUCTION FOR SOLAR SUN RINGS**

**(Warning: Over Inflation may void warranty)**

### 1. INNER GRID:

- The inner grid should be inflated with about 3 litres of air maximum. This is two large breathes for an average person or three breaths for a smaller person.
- Close the valve. Pinch the valve from both sides to insure the bottom flap valve is closed.
- Bunch up and massage the SSR to use this air to separate both layers of plastic. This is very important, as the plastic tends to stick together after it is folded. The ring cannot be made to lie flat unless the layers are separated. The Solar Sun Ring should be about the size of a soccer ball when bunched up, if it is larger you have used too much air.
- Place the SSR on a non-abrasive flat surface. Carefully examine the grid section to insure both layers of vinyl are separated.





## 2. OUTER RING:

- Now inflate the outer ring section orally. It should be firm but easily pinched flat. **Do not inflate this ring until it buckles and twists.** Pinch the valve from both sides to ensure the bottom flap valve is closed.
- Place the ring again on a flat non-abrasive surface. The thickness of the inner grid should be at the most  $\frac{1}{2}$  the thickness of the outer ring. **If you have one or two small sections of the outer ring that are elevated/twisted up 75mm off the flat surface and the ring is distorted then the outer ring is over inflated** see "D" below.
- If the ring is as described above place it on a flat smooth surface for a few hours in direct sunlight to allow the packing lines to relax. **Do not stack Solar Sun Rings on top of one another in direct sunlight (for excessive temperatures will occur and they may fuse together voiding warranty).** It should now be flat and you can place it on the water.
- If the outer ring of the SSR is distorted, use the provided deflation tube to remove air from the inner grid until the SSR lies flat. The distortion is caused by the excess air forcing the plastic film in the grid to displace vertically. This vertical displacement of the film contracts the vinyl film horizontally and pulls the outside ring to a diameter smaller than designed.
- A correctly inflated Solar Sun Ring should be about 1.5Mtrs in diameter. If it is smaller, the inner grid is over inflated.

