

# eco SPARK™

Higher Performance at a lower cost!

Another brilliant product from MAGEN eco-ENERGY - eco-SPARK is an innovative solar collector for heating swimming pools and DHW to medium temperatures. eco-SPARK incorporates all of Magen eco-Energy's intellectual property, years of experience and proven performance; Its innovation lies in its design: each panel is encased in a partitioned polymeric glazing to create an internal greenhouse effect enhancing the solar collectors performance.

eco-SPARK is perfect for pre-heating systems, areas with high winds and ideal for low income housing energy saving projects. eco-SPARK leads traditional solar swimming pool systems to a new challenging era.



**caring for the world we live in.**

## eco-SPARK:

### Leading traditional solar swimming pool heating systems to a new challenging era

The solar thermal world is fast evolving as a result of relentless rise in petrol and gas prices. Green energy and energy saving products are becoming a necessity in our everyday lives. The need to find superior, efficient yet inexpensive ecological solutions is a part of MAGEN **eco-ENERGY**'s strive for better product development and environmental awareness.



#### Unique Benefits

- ◀ **Smart product manufacturing** - one seamless, leak-proof, integrally molded thermoplastic unit
- ◀ **Cutting edge design** - square header assures tight fastening and mounting of the panel to any roof type
- ◀ **Innovative unique performance enhancing technology** - each panel is encased in a partitioned polymeric glazing, to create a greenhouse effect which significantly enhances the panel's performance
- ◀ **Durable** - unique polymeric composition allows it to withstand swimming pool chemicals, non corrosive, no lime-scale build up, stabilized against the effects of UV

#### Performance

- ◀ Improved energy outputs for pre-heating systems
- ◀ Significant high energy performances for areas with high winds
- ◀ Perfect solar collector for domestic energy saving projects
- ◀ The ideal solution for northern states and colder areas
- ◀ Ultimate collector for public or commercial pools, operating all year round

#### Maintenance free

- ◀ Sealed against external water and dust  
In rare cases of leaks the individual tubes can easily be fixed without having to replace the entire panel and with no damage to its performance



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