



For further information, including parts, warranty repair or general inquiries, please contact the STI Group, Inc. at:

**USA Corporate Office**

Tel: 847.918.8558  
Address: 1203 Loyola Drive • Libertyville, IL 60048  
Email: [info@stigroupinc.com](mailto:info@stigroupinc.com)  
Website: [www.stigroupinc.com](http://www.stigroupinc.com)

**Intellectual Property**

This product is covered by one or more international and US patents pending.  
All logos, designs and colors are copyrights and trademarks of STI Group, Inc.  
All rights reserved 2005

---

Please register your product online at our website:  
[www.stigroupinc.com/registration](http://www.stigroupinc.com/registration)

---

**STI Group Inc. Locations:**

CHICAGO    LOS ANGELES    ATLANTA    SHENZHEN, CHINA



© 2005 STI Group, Inc.



## Sunjet 150

### Solar Powered Fountain

Operates In Direct Sunlight



**Sunjet 150** Instruction Manual

ENGLISH

**Please note:**

In winter the Sunjet 150 must be stored in a dry and frost proof environment. Alternatively, an optional adapter can be purchased for occasional indoor use.

The pump must never be operated dry (out of water) as this will have a permanent adverse affect on the performance of the pump.

**Spare parts**

1. Solar panel	21310AS01
2. Panel mounting kit	MTGKIT
3. Pump	21400P01
4. Pump impeller	IMPELLER
5. Pump cover	PCOVER
6. Base with filter	21400BASE
7. Fountain head set	2150FH

**Full 2 year warranty**

If within 24 months from the date of purchase this product fails due to a defect in material or workmanship, STI Group, Inc. will replace or repair free of charge.

Please report immediately if there is any damage or missing pieces upon receipt of goods.

**The warranty does not apply to:**

Damage caused by accidents, abuse, poor handling, frost or normal wear and tear. Products which have been subject to unauthorized repair or modification.

For further information please contact your nearest customer service centre detailed on the last page of this manual.

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.



Smart Solar reserve the right to modify any product to enhance its' performance and design.

**Contents**

1. Introduction
2. Before you start
3. Overview
4. Components
5. Assembling and using your product
6. Cleaning and maintenance
7. Trouble shooting
8. Spare parts
9. Full 2 year warranty

**Introduction**

Thank you for purchasing a Sunjet 150. These instructions contain important information for using this product. Please keep them in a safe place for future reference.

**Before you start**

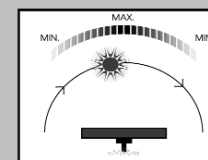
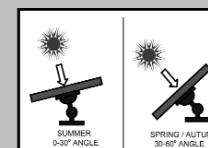
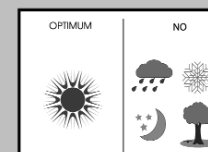
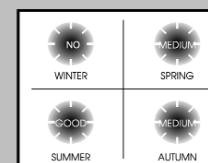
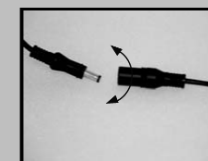
The Sunjet 150 can be used in a small pond or water reservoir provided the solar panel receives direct sunlight. A solar panel powers the pump by converting sunlight into electricity.

The solar panel will power the pump when exposed to direct sunlight. If the sun passes behind a cloud then the amount of electricity produced by the panel will decrease and the pump will stop working or slow down. As soon as the sun reappears from behind the cloud the amount of electricity will increase instantly and the pump will begin to work again.

The amount of electricity produced by the solar panel is proportional to the strength of sunlight received. For optimum performance we recommend that your solar panel should be exposed to as much direct sunlight as possible and away from shady areas e.g. under trees. The panel can also be angled towards the sun to maximise the amount of light received.

**Overview**

The Sunjet 150 has been designed for outdoor use. The pump drives water up through the fountain head and sprinkles down into the container / main bowl. The water is constantly re-cycled.

**PANEL PERFORMANCE****PANEL ADJUSTMENT****CONDITION FUNCTIONALITY****SEASONAL FUNCTIONALITY****Solar pump connector**

## Sunjet 150 Instruction Manual

ENGLISH

### Components



- 1 Solar panel
- 2 Pump
- 3 Base with filter
- 4 2 x extension tubes with fountain head set
- 5 Solar panel mounting kit

### Assembling and Using Your Product

Unpack all components carefully. Please ensure that you check all parts have been removed from the packaging especially the solar panel, which is stored in the bottom of the box.

Decide on a suitable location, bearing in mind there will be some water splashes when the product is in use.

First unroll the pump cable.

Place the pump into a container/ bowl.

Choose your favourite fountain head and attach it to the pump.

Fill the main bowl with water.



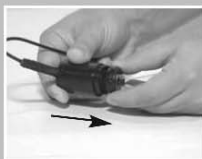
Fountain head set



Insert pump into base



Impeller Pump cover



Remove pump cover



Take out impeller to clean

Page 4

**Please Note:** We recommend you use distilled or rain water to prevent scale build up.

Select a suitable location for you solar panel and fix the mounting as shown. Connect the panel and pump together.

#### IMPORTANT

To ensure the seal remains water-tight twist the pump and panels connectors together rather than merely pressing them together.

The Sunjet 150 is now ready to use.

**Please note:** On first use there maybe air in the pump. It can take up to 5 minutes until all the air is expelled and water begins to sprinkle through the fountain head.

### Cleaning and Maintenance

**Pump:** If, after a period of time, the pump starts to lose power or stops working check for the build up of sediment, scale or dirt in the filter and in the bottom of the pump housing. Remove the pump cover at its' base. Take out the impeller and remove any sediment, scale or dirt that has built up. Replace the impeller and replace the pump cover.

**Solar panel:** The panel should be cleaned periodically with a soft tissue and proprietary glass cleaning solution. Regular cleaning of the panel is advised to maintain optimum conversion of the sun's energy into direct current.

### Trouble Shooting

If you have any problems please contact STI Group, Inc. before returning to the place of purchase. For immediate answers visit our website [www.stigroupinc.com](http://www.stigroupinc.com) where you will find an extensive trouble shooting section with frequently asked questions and instant email enquiry forms.

**Pump does not operate even though the solar panel is in full sunlight**

- 1) Check the connection of the pump to the solar panel. If loose then re-connect, rotating the connectors until good contact is made. If any of the cabling is damaged then seek a replacement.
- 2) Check whether the impeller is blocked by removing the pump cover. If it is, then clean the pump as detailed above.

**Pump does operate but there is no water running through the hose**

- 1) Check for the build up of sediment, scale or dirt in the filter and in the bottom of the pump housing as detailed above.
- 2) Check whether the pump cover is attached properly. If the pump cover is not pushed down tightly, the pump will not push water through the fountain.



Solar panel & Stand Kit



Fixing The Panel Holder



Wall Mounted Solar Panel



Stand Mounted Solar Panel



Standing Solar Panel

Page 5