



toskana

mini solar fountain

operates in direct sunlight



GB

D

F

Contents

- 1. Introduction
- 2. Security instructions
- 3. Overview
- 4. Components
- 5. Assembling and using your product
- 6. Cleaning and maintenance
- 7. Functionality problems
- 8. Technical data
- 9. Spare parts
- 10. Full 2 year warranty

These instructions relate **ONLY** to the **Toskana Mini Solar Fountain** and contain important information for using the product for the first time. Please keep these instructions for later reference. They should always accompany the product in the event of transfer to a new user.

1. Introduction

Thank you for purchasing the **Toskana Mini Solar Fountain**. You have purchased a product that complies with the latest and most up-to-date solar technology available.

This product complies with the European and National Standards. The relevant certificates of conformity are held by Smart Solar.

To preserve these standards and in order to maintain safety you should adhere to the instructions for use detailed in this manual.

2. Security Instructions

In the event of any problems arising or damage occurring as a result of misuse the manufacturers warranty will be deemed cancelled. The manufacturer is not responsible for any claims or damages arising from the misuse of this product. For safety reasons and in order to maintain standards (CE) you are prohibited from altering or changing any component in the **Toskana Mini Solar Fountain**.

Please follow the instructions very carefully.

For commercial applications due care and attention must be paid to the Health and Safety Standards in your jurisdiction.



Solar panel and stand kit



Solar panel connector



Wall mounted solar panel

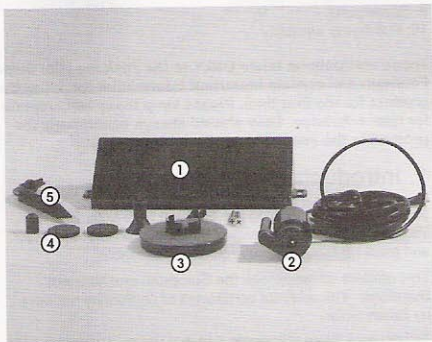
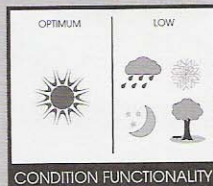
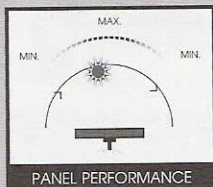


Stand mounted solar panel

3. Overview

The Toskana Mini Solar Fountain has been designed for outdoor use. A solar module powers the pump. In order for the pump to operate, the solar module needs to be placed in direct sunlight. The performance of the pump depends on the season and the position of the solar module.

4. Components



- | | |
|--------------------|---|
| 1 Solar panel | 4 2x Extension tubes with fountain head set |
| 2 Pump | 5 Panel holder set |
| 3 Base with filter | |

5. Assembling and using your product

Unpack all components carefully.

Insert the pump into the base.

Unroll the pump cable.

Place the pump into a container/bowl.

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

Fill the main bowl with water.

Please Note:

We recommend you use distilled or rain water to prevent scale building up.

Insert the connector into the rear of the module.

The Toskana Mini Solar Fountain is now ready to operate.

Please note:

On first use, there may be air in the pump.

It can take up to 5 minutes until the air escapes.

6. Cleaning and maintenance

If after time the pump starts to lose power or stops working you should check for the build up of sediment or scale in the bottom of the pump housing or in the filter.

Open the pump housing at its base. Remove the impeller. Remove any dirt or scale, which has built up and close the case back up.

The Solar module should only be cleaned with soft tissue and proprietary glass cleaning solution.

7. Functionality problems

Pump does not operate even though the solar module is in full sunlight.

- 1) No connection to the solar module - Check the connections.
- 2) Impeller is blocked or filter/pump housing is dirty - Clean the pump.

Pump does operate but there is no water running through the fountain head.

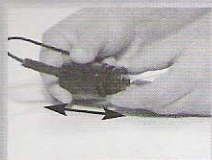
Check for the build up of sediment or scale in the tubes or the filter - Clean the tubes and the filter.



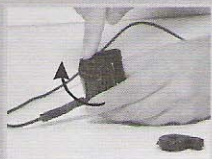
Insert pump into base



Fountain head set



Remove pump base



Clear impeller

8. Technical Data

Operation voltage:	4.8 V
Solar module:	6 V / 0.7 W
Pump performance:	max. 150 l/h
Fountain height:	25 cm

Important: In winter the Toskana Mini Solar Fountain must be stored in a dry and frost-proof environment. The pump must never be operated dry (out of water) Dry operation destroys the pump.

9. Spare Parts

- 1 Solar module:** Item No. 1000-01
2 Pump: Item No. 1000-02
3 Fountain head set: Item No. 1000-03

10. Full 2 year warranty

If within 24 months from the date of purchase this product fails due to a defect in material or workmanship. Smart Solar will replace or repair it free of charge.

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 service centre detailed on the last page of this instruction manual.