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S&M 580536

S&M 580536 Misting Programmer User Manual

Automatic Misting System for Outdoor Terraces, Porches, and Gardens

1. INTRODUCTION

The S&M 580536 Misting Programmer is designed to automate misting systems for outdoor areas, helping to reduce ambient temperature and provide a refreshing environment. This device connects directly to a standard 3/4" tap and allows for precise control over misting frequency and duration. Please read this manual carefully before installation and operation to ensure proper use and longevity of your product.



Figure 1: S&M 580536 Misting Programmer, front view.

2. SAFETY INFORMATION

- Use only with cold water.
- Do not expose the device to extreme temperatures or direct sunlight for prolonged periods when not in use.
- Ensure all connections are secure to prevent leaks.
- Keep out of reach of children.
- Do not disassemble or attempt to repair the unit yourself. Contact support if issues arise.

3. PACKAGE CONTENTS

Verify that all components are present:

- 1 x S&M 580536 Misting Programmer
- User Manual (this document)

Note: 2 x AAA 1.5V batteries are required and are not included.



Vídeo de montaje

sm
&
sm
GARDEN

3/4"

FRECU

120 30 s
60
30
15
10 8

MINU

REF. 580

3/4"

3 AÑOS
AÑOS - YEARS

GARANTÍA



Figure 2: Product packaging, showing the misting programmer and branding.

4. PRODUCT OVERVIEW

The misting programmer features two main rotary dials for setting operation parameters and a start/stop button.





Figure 3: Front panel showing Frequency and Duration dials.

- **Frequency Dial (Frecuencia):** Controls how often the misting cycle repeats. Settings range from 30 seconds to 60 minutes.
- **Duration Dial (Duración):** Controls the length of each misting cycle. Settings range from 5 seconds to 15 minutes.
- **Start/Stop Button:** Initiates or halts the misting program.
- **Battery Compartment:** Located on the back of the unit.
- **Water Inlet:** 3/4" H-M tap connection at the top.
- **Water Outlet:** Connection point for your misting system at the bottom.

5. SETUP

5.1 Battery Installation

1. Locate the battery compartment on the back of the programmer.
2. Carefully open the battery cover. This may require firm but gentle pulling if it is sealed tightly.
3. Insert two (2) AAA 1.5V batteries, ensuring correct polarity (+/-).
4. Close the battery cover securely.





Figure 4: Side view, indicating the battery compartment location.

5.2 Connecting to Water Source and Misting System

1. Screw the programmer's 3/4" H-M inlet directly onto your outdoor tap. Hand-tighten only to avoid damage.
2. Connect your misting system's hose to the programmer's water outlet at the bottom. Ensure a tight, leak-free connection.
3. Turn on the tap slowly to check for any leaks.



Figure 5: Programmer installed on a tap, connected to a misting line.

6. OPERATING INSTRUCTIONS

6.1 Setting Misting Frequency and Duration

1. Rotate the **Frequency Dial** to select how often the misting cycle will repeat. Options range from 30 seconds to 60 minutes. For continuous misting, select the '∞' (infinity) setting.

2. Rotate the **Duration Dial** to set the length of each misting burst. Options range from 5 seconds to 15 minutes.

6.2 Starting and Stopping the Program

- To start the misting program, press the **Start/Stop** button. The unit will begin operating according to your set frequency and duration.
- To stop the misting program at any time, press the **Start/Stop** button again.

6.3 Delay Function

The programmer includes a delay function to postpone the start of the misting cycle. This can be set from 1 hour up to a maximum of 11 hours. Consult the specific instructions on the device or packaging for activating this feature, as it may involve a combination of dial settings or button presses.

6.4 Low Battery Warning

The device is equipped with a low battery warning function. When batteries are low, the unit may indicate this visually (e.g., a flashing light) or automatically shut off to prevent damage. Replace batteries promptly when this occurs.

7. MAINTENANCE

7.1 Cleaning

Wipe the exterior of the programmer with a damp cloth. Do not use abrasive cleaners or immerse the unit in water.

7.2 Battery Replacement

Replace batteries when the low battery warning activates or if the unit stops functioning. Average battery life is 3 to 6 months under normal conditions.

7.3 Winterization

Before freezing temperatures, disconnect the programmer from the tap and misting system. Remove batteries. Store the unit in a dry, frost-free location to prevent damage from freezing water.

8. TROUBLESHOOTING

- **No mist/water flow:**
 - Check if the tap is fully open.
 - Ensure batteries are correctly installed and not depleted.
 - Verify that the frequency and duration dials are set to active positions (not 'OFF' or '∞' if not desired).
 - Check for blockages in the misting system or programmer's inlet/outlet.
- **Leaks from connections:**
 - Ensure all connections are hand-tightened securely.
 - Check for damaged washers or O-rings and replace if necessary.
- **Incorrect timing:**
 - Re-check the settings on both the Frequency and Duration dials.

- Replace batteries if they are old or low, as this can affect timing accuracy.

9. SPECIFICATIONS

Model Number	580536
Connection Type	3/4" H-M Tap Connection
Max Water Pressure	6 bar
Min Water Pressure	1 bar
Water Temperature	Cold Water Only
Frequency Options	30 seconds to 60 minutes (daily repetition)
Duration Options	5 seconds to 15 minutes
Battery Type	2 x AAA 1.5V (not included)
Average Battery Life	3 to 6 months
Product Dimensions (L x W x H)	11 x 12.5 x 21 cm
Product Weight	300 grams
Country of Origin	China

10. WARRANTY

This S&M product comes with a **3-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects under normal use conditions. It does not cover damage caused by misuse, improper installation, freezing, or unauthorized repairs.

11. SUPPORT

For further assistance, troubleshooting, or warranty inquiries, please contact S&M customer support. You may also find useful information and tips on our social media channels.

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