



**HOLMAN**

Misting System  
**MISTING TIMER**




 **CE CO1709**  
INSTRUCTION MANUAL





# Table of Contents

Technical Data.....	p1
Glossary.....	p2
Applications & Safety Instructions.....	p3
Connecting to the Tap.....	p4
Timer Control Glossary.....	p5
Programming the Timer - AUTO RUN.....	p6
Programming the Timer - Manual ON or OFF.....	p7
Hints & Tips.....	p8
Troubleshooting / Misting System Range.....	p9
Warranty / QR Code.....	Back Page





## Technical Data

**Tap Connection:** 20mm BSP Female

**Hose Connection:** 12mm Hose  
Snap-on or 20mm BSP Male

**Water pressures:** 100kPa - 500kPa

**Water Temperature:** Max. 40°C

**Irrigation Medium:** Clean Water

**Batteries:** 2 x 1.5V AAA Alkaline  
Batteries (Not Supplied) Change  
every 12 months.

1

## Glossary



2



## Applications & Safety Instructions

The HOLMAN Misting Timer is designed for applications where you want to turn water "OFF" and "ON" at regular intervals. The timer will run "ON" for a minimum of 5 seconds and "OFF" for a minimum of 5 seconds. The maximum "OFF" time is 96 hours, 59 minutes, 59 seconds and the maximum "ON" time is 24 hours, 59 minutes, 59 seconds. Any time in 1 second intervals can be set between these limits.

### **Safety Instructions**

For reasons of long life reliability, only use good quality ALKALINE batteries. Use only clean water. To prevent the tap timer failing through weak batteries during a prolonged absence, the batteries must be replaced before re-use. The functional reliability of the tap timer depends on the functional capability of the batteries. Programme the tap timer before connecting to the water tap with the tap closed. Use the tap timer in outdoor areas only. Before the start of the frost period the tap timer must be stored away from frost and damp. The temperature of water through the tap timer must not exceed 40°C. 3







## Connecting to the Tap

**Note:** Firstly program the timer to the settings you require. (*See Programming on opposite page*)

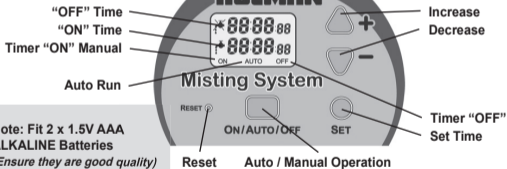
**For connection you need a water tap with a 20mm or 25mm thread.**

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1. Unscrew the union nut (3) to enable the water tap connection (2) to move freely.
  2. Screw the tap timer firmly onto the water tap by the tap connection. Turn the unit to face you so the LCD Display (4) and Control Keys (5) can be easily seen.
  3. Screw the Union Nut (3) up tight.
  4. Connect your hose to the Snap-on Hose Connection (8) or unscrew the Hose Connection and screw on a misting filter or irrigation piping directly to the misting timer thread at the base of the unit.
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**Note:** Screw the connection by hand. **DO NOT** use a wrench. Always keep the Clear Screw-on Cover 4 (7) closed on the unit to prevent dirt from getting into the mechanism, preventing operation.

## Timer Controls Glossary

The Misting Timer is very easy to programme:



Note: Fit 2 x 1.5V AAA ALKALINE Batteries  
(Ensure they are good quality)



## Programming the Timer - AUTO RUN

**Note:** OFF & ON time is set in hours, minutes and seconds. Factory setting on power up is OFF 30 minutes & ON 3 Minutes.

Programming is easy, simply scroll through the digits and adjust them up or down. When setting "AUTO" cycle, the LCD must show "OFF". Press the **ON/AUTO/OFF** button until "OFF" is shown.



### STEP 1 - SET "OFF" TIME

Next - SET "ON" TIME

- |  |  |
|--|--|
| <b>A)</b> Push <b>SET</b> Button - Adjust Hours Up or Down   | <b>A)</b> Push <b>SET</b> Button - Adjust Hours Up or Down   |
| <b>B)</b> Push <b>SET</b> Button - Adjust Minutes Up or Down | <b>B)</b> Push <b>SET</b> Button - Adjust Minutes Up or Down |
| <b>C)</b> Push <b>SET</b> Button - Adjust Seconds Up or Down | <b>C)</b> Push <b>SET</b> Button - Adjust Seconds Up or Down |

### STEP 2 - SET TO "AUTO RUN"

- 6 Push **ON / AUTO / OFF** Button until "AUTO" shows on the LCD. The unit will start watering.






## Programming the Timer - Manual ON or OFF

Push **ON / AUTO / OFF** Button until **"ON"** or **"OFF"** shows on the LCD.





### Notes:

- If in **"ON"** position the timer will stay **OPEN**.
  - If in **"OFF"** position the timer is **CLOSED**.
  - If in **"AUTO"** position the timer will sequentially run **"OFF"** time & then **"ON"** time.
  - If you set **"ON"** or **"OFF"** time to less than 5 seconds the timer will stay **"ON"** or **"OFF"** for 5 seconds.
  - The timer will continue to turn **"ON"** & **"OFF"** as per the settings while in the **"AUTO"** mode. 7
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## Hints & Tips

### 1. CHANGING BATTERIES

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- Always wait for 5 minutes after you remove the batteries & install new ones.
  - This allows time for the electronic circuit to **"RESET & CLEAR"** itself.
  - Always change batteries regularly. If using on rapid **"ON"** & **"OFF"** cycles you may need to change batteries more often.
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### 2. RESET

- The **"RESET"** Button can be used to **"REBOOT"** the electronic circuit.
- This will cancel all settings. Use a paperclip or small screwdriver to push the button through the **"RESET"** hole in the timer decal.

8

## Troubleshooting

## Misting System Range

### Troubleshooting Batteries

If battery power becomes low, the valve closes automatically. In this case please insert new ALKALINE batteries.

### Checking Functionality Faults

Have batteries been correctly inserted?

Are the batteries flat?

Is the water tap open?

Is the program data correct?

has the unit been set to Manual OFF?

MS20001 - Universal Misting Tap Adaptor (Qty x 1)

MS20002 - Misting Tee (Qty x 2)

MS20003 - Misting Elbow (Qty x 2)

MS20004 - Threaded Misting Tee with Jet (Qty x 2)

MS20005 - Threaded Misting Elbow with Jet (Qty x 2)

MS20006 - Mounting Clip with Masonry Nail (Qty x 10)

MS20007 - Misting Tube (5 Metres Flexible PVC)

MS20008 - Misting Tube Lengths 60cm (Qty x 5)

MS20009 - Brass & Stainless Steel Misting Jets (Qty x 5)

MS20010 - Brass Anti-Drain Valve (Qty x 1)

MS20011 - Plastic Misting Tube Cutter (Qty x 1)

MS20012 - Misting Filter (Qty x 1)

MK21013 - Misting System (Comprehensive Pack)

MK21014 - Misting System (Expansion Kit)

9

## Warranty

**Warranty:** We will honour all statutory guarantees that this product is of acceptable quality.  
(including that it is fit for purpose)

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Scan the QR Code above to see more information on the Misting System - including a product guide video.