



INSTRUCTIONS FOR Ball Valve Electronic Water Timer

Stock No.36750 Part No.WTBV1

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY TO ENSURE THE SAFE AND EFFECTIVE USE OF THIS PRODUCT.



GENERAL INFORMATION

These instructions accompanying the product are the original instructions. This document is part of the product, keep it for the life of the product passing it on to any subsequent holder of the product. Read all these instructions before assembling, operating or maintaining this product. This manual has been compiled by Draper Tools describing the purpose for which the product has been designed, and contains all the necessary information to ensure its correct and safe use. By following all the general safety instructions contained in this manual, it will ensure both product and operator safety, together with longer life of the product itself. All photographs and drawings in this manual are supplied by Draper Tools to help illustrate the operation of the product. Whilst every effort has been made to ensure the accuracy of information contained in this manual, the Draper Tools policy of continuous improvement determines the right to make modifications without prior warning.

1. TITLE PAGE

1.1 INTRODUCTION:

USER MANUAL FOR:

BALL VALVE ELECTRONIC WATER TIMER

Stock no. 36750 Part no. WTBV1

1.2 REVISIONS:

Date first published November 2015

As our user manuals are continually updated, users should make sure that they use the very latest version.

Downloads are available from:

<http://www.drapertools.com/manuals.pgm>

DRAPER TOOLS LIMITED, HURSLEY ROAD,
CHANDLER'S FORD, EASTLEIGH, HAMPSHIRE, SO53 1YF,
UK

WEBSITE: drapertools.com

PRODUCT HELPLINE: +44 (0) 23 8049 4344

GENERAL FAX: +44 (0) 23 8026 0784

1.3 UNDERSTANDING THIS MANUALS SAFETY CONTENT:

WARNING! Information that draws attention to the risk of injury or death.

CAUTION! Information that draws attention to the risk of damage to the product or surroundings.

1.4 COPYRIGHT © NOTICE:

Copyright © Draper Tools Limited. Permission is granted to reproduce this publication for personal & educational use only. Commercial copying, redistribution, hiring or lending is prohibited. No part of this publication may be stored in a retrieval system or transmitted in any other form or means without written permission from Draper Tools Limited. In all cases this copyright notice must remain intact.

2. GUARANTEE

2.1 GUARANTEE

Draper tools have been carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship. Should the tool develop a fault, please return the complete tool to your nearest distributor or contact Draper Tools Limited, Chandler's Ford, Eastleigh, Hampshire, SO53 1YF. England. Telephone: (023) 8026 6355.

A proof of purchase must be provided with the tool.

If upon inspection it is found that the fault occurring is due to defective materials or workmanship, repairs will be carried out free of charge. This guarantee period covering parts/labour is 12 months from the date of purchase. The guarantee is extended to 24 months for parts only. This guarantee does not apply to normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accidents, or repairs attempted or made by any personnel other than the authorised Draper warranty repair agent.

Note: If the tool is found not to be within the Terms of Warranty, repair and carriage charges will be quoted and made accordingly.

This guarantee applies in lieu of any other guarantee expressed or implied and variations of its terms are not authorised.

Your Draper guarantee is not effective unless you can produce upon request a dated receipt or invoice to verify your proof of purchase within the guarantee period.

Please note that this guarantee is an additional benefit and does not affect your statutory rights. Draper Tools Limited.

Note: This tool is intended for domestic use only.

3. INTRODUCTION

3.1 SCOPE

This timer allows setting watering time easy dial with manual on/off and clear digital display

3.2 SPECIFICATION

Stock No.....36750
Part No.....WTBV1
Inlet..... 1" BSP Female with a
..... ¾" BSP female adaptor ring with filter.
Outlet..... ¾" BSP Male with a ½"
..... hose connector

3.3 HANDLING & STORAGE

Do not drop this machine.
Store out of the reach of children.

4. TECHNICAL DESCRIPTION



5. IMPORTANT

5.1 IMPORTANT INFORMATION

- **Recommended Water Pressure:** 0.5 -12 bar. In higher pressure areas, use a pressure reducer.
- **Recommended Operating Temperature:** 4° to 60°. It is recommended to remove the timer from the tap during colder months and when temperatures drop below 4°. The timer should not be subjected to freezing temperatures or frost.
- **Recommended Water Source:** Use cold mains water only. If you are using a gravity fed watering system, ensure that you use a tap filter. Do not use any bore or unfiltered water. Do not use any kind of pump to draw water. Do not use if the water supply is unstable. Do not use any liquids other than water.

6. INSTALLATION

6.1 INSTALLING BATTERIES

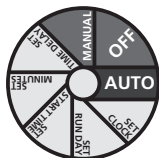
- 2x AA Alkaline batteries required.
- On the back of the timer unit you will see a small door. Remove the door and insert the batteries. Replace the door and you're ready to start setting up your watering program.

- The Draper Water Timer is best suited to a cold mains fed system.
- The timer connects to the tap using the 1" connector or ¾" reducer supplied.
- Using a hose connector (not supplied), connect the hose directly to the timers, ½" connector.
- Set the required watering time on the dial before timing the water on.

7. TIMER FEATURES

7.1 DIAL

- SET CLOCK:** Set current day/time
- SET RUN DAY:** Which days to water?
- SET START TIME:** 1 or 2 intervals per day?
- SET MINUTES:** How long to water for?
- SET TIME DELAY:** In the event of rain!
- MANUAL:** Manual override of set program
- OFF:** Turns unit off
- AUTO:** The set program will run its course.



5. IMPORTANT

7.2 BUTTONS : LEFT / OK / RIGHT



8. DIAL FUNCTIONS

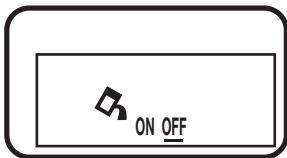
8.1 OFF

- Turn the DIAL to OFF
- A 10 second countdown will be displayed on the LCD screen.
- The timer will switch off after 10 seconds.



8.2 MANUAL

- Overrides the set program for manual control.
- Turn the DIAL to MANUAL
- Press the LEFT and RIGHT button to select ON or OFF. Press OK.



8.3 AUTO

- By turning the DIAL to AUTO, your set watering program will begin to run.
- The display will automatically cycle through your set watering program so you can see what has been programmed.
- After 30 seconds the display will automatically switch off to conserve battery life.
- If you haven't yet set a watering program, please follow the instructions in "SETTING UP YOUR WATERING PROGRAM".

9. SETTING UP YOUR WATERING PROGRAM

PLEASE NOTE: If you make a mistake while setting any of the following functions, simply turn the DIAL back one click and then forward one click and you can start programming that function again.

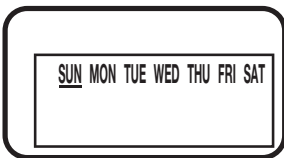
9.1 SET CLOCK

- To set the current day and time, turn the DIAL to SET CLOCK.
- Press LEFT and RIGHT buttons to set the day of the week, then press OK.
- Press LEFT and RIGHT buttons to set the current time, then press OK.
- The current day and time is now set.
- Please note: Clock will need resetting when clocks go forward and back for daylight saving



9.2 SET RUN DAY

- Turn the DIAL to SET RUN DAY.
- Press LEFT and RIGHT buttons to select the days. Press OK to select that day. A black line will appear underneath.
- Continue to select other days as required. To cancel a selected day, move to the selected day and then press OK.



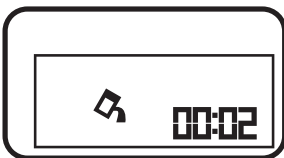
9.3 SET START TIME

- Turn the DIAL to SET START TIME
- Press LEFT and RIGHT buttons to select 1 or 2 watering sessions per day. Press OK.
- You will then be asked to enter the time(s) that you wish watering to commence.



9.4 SET MINUTES

- To indicate how many minutes each watering session will last.
- Turn the DIAL to SET MINUTES
- Press LEFT and RIGHT BUTTONS to set how long you wish to water for. Press OK.
- Your watering program is now complete.



9.5 AUTO

- Turn the DIAL to AUTO and your watering program will now run its course.
- In AUTO mode the display will automatically cycle through your set watering program so you can see what has been programmed.



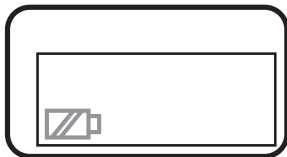
9.6 SET TIME DELAY

- If it rains or you wish to delay your set program for any reason then you can use this function.
- When using this function, the next session will start after the programmed time delay has passed. Your timer will then revert to your pre-set program.
- Turn the DIAL to SET TIME DELAY
- Press LEFT and RIGHT buttons to set the time delay. Press OK.
- Turn the DIAL to AUTO.



9.7 LOW BATTERY INDICATOR

- When the screen is blank and you see a flashing red battery symbol, it is time to change the battery.
- The timer will shut down automatically and close the valve before the battery becomes completely flat, thus conserving accidental water wastage.



10. TIMER CARE & MAINTENANCE

- It is recommended that new batteries are installed if you are going away for a long period of time.
- Make sure you only use new alkaline batteries.
- To prevent corrosion, always remove the battery when the timer is not in use for long periods of time or when the battery is low.
- Keep clear of any dirt or debris which may block the valve and cause the timer to malfunction.
- Disassembling the timer improperly will void all warranties.

11. DISPOSAL

11.1 DISPOSAL

- At the end of the machine's working life, or when it can no longer be repaired, ensure that it is disposed of according to national regulations.
- Contact your local authority for details of collection schemes in your area.

In all circumstances:

- Do not dispose of power tools with domestic waste.
- Do not incinerate.
- Do not abandon in the environment.
- Do not dispose of WEEE* as unsorted municipal waste.



* Waste Electrical & Electronic Equipment.