

# HOZELOCK

2804

## 25 Pot Watering Kit



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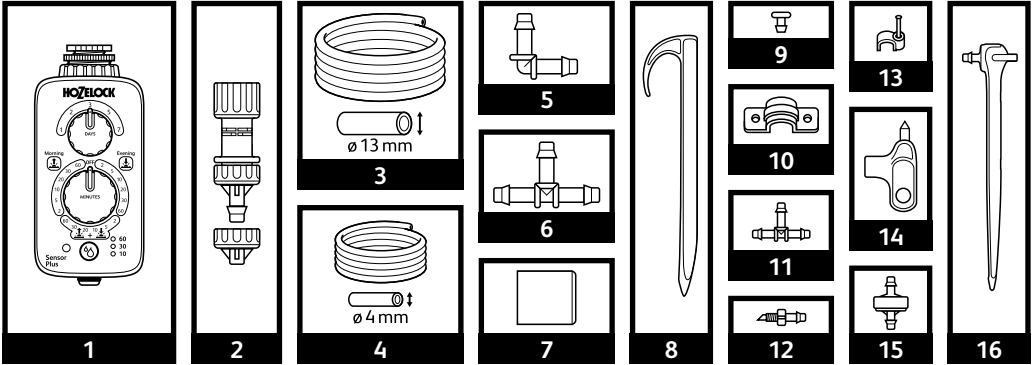
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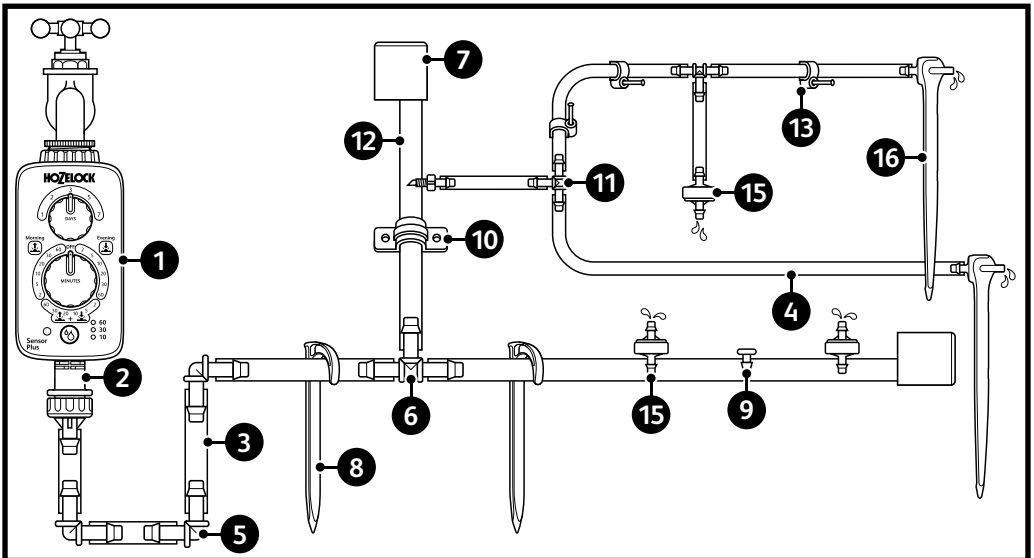
# Contents



- |                                  |                                   |                                    |                                    |
|----------------------------------|-----------------------------------|------------------------------------|------------------------------------|
| <b>1</b> AC Plus Timer (x1)      | <b>5</b> 90° Elbow Connector (x2) | <b>9</b> Blanking Plug (x10)       | <b>13</b> Wall Clip (x5)           |
| <b>2</b> Pressure Reducer (x1)   | <b>6</b> T-Connector (x1)         | <b>10</b> Wall Clip (x5)           | <b>14</b> Hole Punch (x1)          |
| <b>3</b> 15m (ø13mm) Supply Tube | <b>7</b> End Plug (x2)            | <b>11</b> T-Connector (x14)        | <b>15</b> End-of-Line Dripper (10) |
| <b>4</b> 10m (ø4mm) Micro Tube   | <b>8</b> Stake (x10)              | <b>12</b> Straight Connector (x10) | <b>16</b> Dripper with Stake (x15) |

\*Component aesthetics may vary.

## Example layout



## Installing the system

### A - Control

The system can be connected to the tap using the following methods:

- Fit the Sensor Controller Plus (1) to the outdoor tap and then screw the Pressure Reducer (2) onto the timer.
- Alternatively, screw the Pressure Reducer (2) directly onto the outside tap.

### 1 Sensor Controller Plus Timer

The Sensor Controller Plus with day light sensor that automatically adjusts daily watering schedule to start at sunrise and sunset, the best time to water your garden. Requires 2 x AA type alkaline batteries - not included - and includes battery check function.

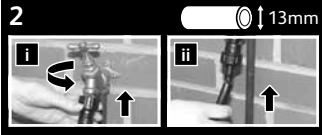


## 2 Pressure Reducer

Reduces water pressure delivered from the mains tap to your system, to ensure optimal performance. An integrated filter prevents dirty water affecting dripper performance.

Connect the Pressure Reducer to the hose using one of the methods below:

- Attach the Supply Tube using the 13mm adaptor.
- Replace the 13mm adaptor with a 4mm adaptor and push the Micro Tube through the centre.



## B - Pipeline

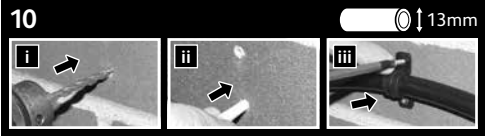
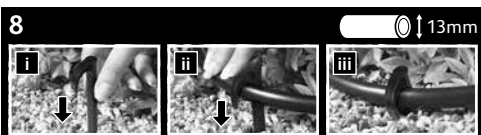
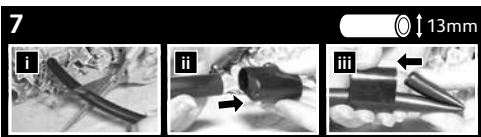
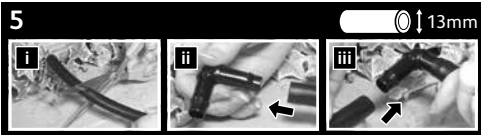
### Pipeline

This can be cut and adapted to create your ideal watering system layout. It efficiently carries water from the main supply and delivers it to your plants via a network of drippers.

## 3 Supply Tube

A large 13mm tube used to transport water around medium to large systems. Create the network using Elbows (5), T-Connectors (6), Straight Connectors (12) and End Plugs (7). Secure in place using Stakes (8) and Wall clips (10).

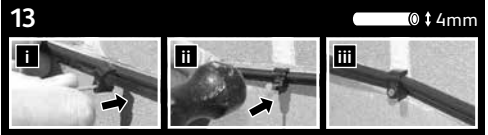
**Note:** No one length of Supply Tube should be more than 25m long, or 50m if run in a ring back to the tap.



## 4 Micro Tube

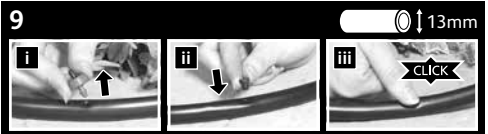
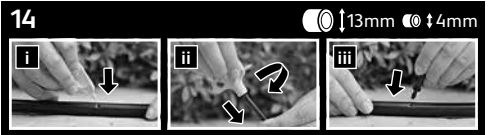
A small flexible 4mm tube used to transport water around small systems, or to take water from the Supply Tube to the plants in larger systems. Connect to the Supply Tube using a Straight Connector (12) or split the flow using a T-Connector (11). Secure in place using Wall Clips (13).

**Note:** No one length of Micro Tube should be more than 15m long.



## 14 Hole Punch

Use to make holes in the Supply Tube for accessories and for joints with the Micro Tube. Use hexagonal slot in the back of the Hole Punch to tighten the drippers into the tube and to remove them. Seal unwanted holes with Blanking Plugs (9).



## 6&11 T-Connectors

Enable you to customise the water flow around your garden by allowing you to alter and extend the layout of your watering system.



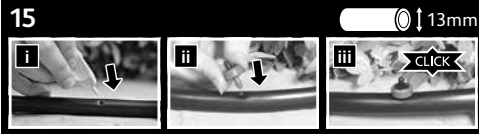
Occasional slight leakage can occur from the Supply Tube / Micro Tube connection point. This usually seals over time, but ensure the fitting is correctly inserted at a 90° angle.

## C - Drippers

Drippers can be fitted either directly onto the Supply Tube or to the end of the Micro Tube.

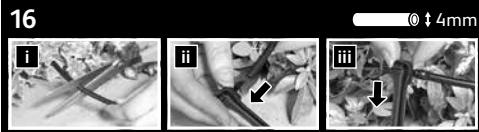
### 15 End-of-Line Dripper

A multi functional dripper, delivers a steady flow of water to your plants and veg patches at a rate of 4 litres per hour.



### 16 Dripper with Stake

With its compact design and integrated spike, the dripper is easily secured into place and discreetly delivers water to your pots and borders at a rate of 4 litres per hour.



## Calculating the capacity of the system

If fitting a large system, calculate the flow from the supply, and therefore how many accessories the flow will support:

- Using a Pressure Reducer with the tap fully on, time in seconds how long it will take to fill a bucket of known volume in litres.
- Multiply the number of litres in your bucket by 3600, and divide by the number of seconds it took to fill. This will give you your maximum flow rate of litres per hour.
- Each dripper has a given flow rate, the total water requirement of all the drippers that you use added together should not exceed the maximum flow rate.

E.g.:

- A 9 litre bucket is filled in 15 seconds
- 9 litres x 3600 = 42400
- 42400/15 seconds = 2160

Micro jets use 55 L/H therefore with a maximum flow of 2160 the maximum number usable would be 39 (2160/55).

If more drippers are required than the maximum flow permits, separate the system into sections that can be run at different times. If you wish to automate this you will need more than one water computer.

## Maintenance

At the end of the season, open all flow control valves and remove end sleeves. Flush with water to clean, and then drain to avoid frost damage. Remove the Pressure Reducer and water computer and store away from frost. All drippers may be dismantled for cleaning. Soak in an equal mixture of vinegar and water to remove any residues.

## Contact

For product advice please contact:

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