

HOW to select the correct water flow disc.

The water flow disc is a device that limits the amount of water entering the dripping hose. A long dripping hose will require more water than a shorter length. Also a high pressure water supply will supply more water than a low pressure supply. You have been supplied with 3 different sized flow discs. The idea is to find out what sized disc best suits your length of dripping hose as well as your supply pressure.

Installation Diagram for the Dripping Hose

The approximate flow rates of the three discs are:
Clear = 10 Lpm **Green = 6 Lpm** **Blue = 3 Lpm** .
 (Lpm = litres per minute)

The “usual” situation is that a 30 metre hose will use a 6Lpm disc & a 15 metre hose will use a 3Lpm disc. If you use a longer hose by joining hoses then the 10Lpm disc may be required.

Installing the disc: Remove the existing rubber washer from the tap connector & replace it with one of the flow discs. It will seal between the tap outlet & connector.

TESTING YOUR SYSTEM:

1. Layout the dripping hose through the garden.
2. Install a flow disc into the tap connector, (replaces existing washer, see above)
3. Connect dripping hose to the tap.
4. Turn the tap on & allow the hose to pressure fill. Takes approximately 3-5 minutes.
5. Observe how the hose is “dripping” along it’s length, aim for an even distribution all along.
6. If the hose is “squirting”, change the flow disc to a smaller size & re-test.
7. If the hose is NOT dripping along it’s entire length then increase the capacity of the flow disc.

To get the best results.
 Adjust your Dripping Hose by using the different flow discs provided to create an even distribution of water all the way along the length of hose!

Table of Contents

- 1 x Roll of Dripping Hose.
- 3 x Flow Discs.
- 1 x 13mm End Plug (fitted).
- 1 x 13mm Pipe to Hose Snap on Adaptor (fitted).

- Use an inline joiner to mend or add to Dripping Hose (NOT Included)
- Use the End Plug to block an open pipe (Supplied)

OPTION: SPLIT THE OUTLET
 Use a manifold or “Y” connector to allow extra outlet(s) for your garden hose to be attached or to add on another micro system.

Attach your system to the outlet. Use either a Nut & Tail or a click on hose fitting. (Always use compatible fittings).

INSTALL the required Flow disc into this component by removing the existing rubber washer.

IMPORTANT NOTE:
 Its recommended to use a length of standard poly pipe or garden hose to attach to the water outlet before the START of your Dripping Hose. This eliminates unwanted water at the base of the tap.

Use an Elbow, (NOT Included), when turning sharp corners.

Use Ratchet Clamps, (NOT Included), on all poly pipe connections.

Use a Tee Piece, (NOT Included), when joining a loop or branching off from the mainline.

PRESSURE REDUCER
 We recommend to use a pressure reducer before your hose in the system as high pressure applications (400kPa+) will split the hose.

HOW to install the WaterSmart Approved Dripping Hose

1. To unroll the hose, secure one end & unroll the coil as you carry it away.
DO NOT pull the hose from a stationary coil as each circle of the coil will create a “twist” in the hose.
2. For best results, leave the dripping hose in the sun to warm up, as it will make it easier to layout & manipulate the pipe in the garden bed.
3. Lay the hose around the garden, passing through shrubs & plants that require watering.
NOTE: Your system can be a combination of Dripping Hose & standard poly pipe. The hose can be made into a loop or extra sections can run off from the mainline, simply cut & join to form a circuit. Use standard 13mm poly pipe fittings or standard click on hose fittings to connect to the tap outlet or dripping hose.
4. Before connecting to the tap, assess if you need: A HOLMAN Tap Timer for automatic watering or a 2Hr mechanical timer. You may prefer a manually operated valve(s) like a multi outlet Manifold or even a “Y” Connector, A manifold will allow you to maintain a separate water outlet.
5. It is recommend to use a length of standard hose or poly pipe directly from the tap or manifold before joining the Dripping Hose. This eliminates watering close to the tap.
6. If running in a single line, ensure the end plug is installed to block the hose.
7. Connect the Dripping Hose to the outlet and turn on the tap.