



The Outside, **Inside**

SINGLE LINE OVERHEAD IRRIGATION ASSEMBLY GUIDE

Thank you for purchasing a Premier Polytunnels' Irrigation Kit.

Please take the time to carefully read through this Assembly Guide before you head out into your garden and begin building your overhead irrigation system.

The following is a Guide to the successful assembly of your overhead irrigation system. Please use the Checklist supplied with your order, together with this Guide, to help you identify the different parts of your irrigation kit.

If you are unsure or confused about any aspect of assembly, please feel free to contact us via e-mail at info@premierpolytunnels.co.uk or by telephone on 01282 811250.

Premier Polytunnels are proud to be the **ONLY** polytunnel supplier to offer an out of hours Construction Advice Service, available until 9pm, 7 days a week.

TOOLS REQUIRED: Sharp Knife

*****WARNING: PRODUCTS MAY CONTAIN SHARP EDGES.
ALWAYS WEAR GLOVES.*****

SINGLE LINE OVERHEAD IRRIGATION

FOR POLYTUNNELS UP TO 12FT WIDE (INCLUSIVE)

The overhead irrigation system you have been supplied with is a very simple system comprising 20mm pipe and barbed push fittings.

*****PLEASE NOTE: When assembling barbed fittings with the pipe, heat the pipe in hot water for several seconds before fitting the barb – This will greatly assist assembly.*****

A length of pipe we call the “spray line” is cable tied to the ridge of the polytunnel 18-inch shorter than the full length. This pipe should start in-line with the door frame at the end where the water supply enters.

Use a 90 Degree barbed elbow from this end of the spray line to take a piece of pipe out at right angles to the door post where the water supply enters. At this point the pipe should turn to run down the post using another 90 Degree elbow. Cut the pipe at approximately waist height. This section of pipe is secured to the door post with up to 3 pipe clips. A $\frac{3}{4}$ inch ‘Female’ barbed connector is fitted into the end and a $\frac{3}{4}$ inch ‘Male’ click fitting is screwed into this connector ready for your hose connection. (See Fig1).



Fig1

If you have purchased a **'Premier Irrigation Kit'**, a pressure regulator will be supplied and this can be inserted between these two fittings (See Fig2 and Fig3).



Fig2



Fig3

Fit the blanking plug into the open end of the spray line.

The final job is to insert the sprinkler assemblies into the spray line. This is done by making a hole in the underside of the spray line using the 3-inch nail (or using the hole punch supplied with our **'Premier Irrigation Kit'**) and pushing in the sprinkler assembly – This requires a bit of effort! (See Fig4 and Fig5).



Fig4



Fig5

To get the correct position for the sprinklers one should be placed approximately 18-inch from each end of the polytunnel and the remaining equally spaced between these two. **(See Fig6).**



Fig6

If you have purchased our *'Premier Irrigation Kit'* you will have been supplied with a Galcon battery operated Tap Timer. This timer connects directly to your water tap.

Now all that's left to do is connect your hose and retire the watering can!