

IWS Dripper

Instructions

All Dripper Systems

| Components | Detail |
|--|--------------------|
| Control Unit | 1 per System |
| Straight Connectors | 6 per control unit |
| Stands | Small or Large |
| *4 Way Manifold | 2 |
| *Elbow | 1 |
| *Tee | 1 |
| *Tap | 1 |
| *Black - Pressure Compensation Dripper | 8 for soil or coco |
| *Blue - Free Running Dripper | 8 for pebbles |
| *Dripper line | 8 (1 metre long) |

*Number of items in a Dripper kit bag, each kit bag is for 4 pots. To increase the size of your system, request a '4-Pot Dripper Kit' from your local retailer.

Standard System

| Components | Detail | | | | | | | | |
|-------------------|---|------------|-----|------------|-----|------------|-----|------------|-----|
| *STD Glands | 7, one per fitting | | | | | | | | |
| *STD Tees | 3 | | | | | | | | |
| *STD Elbows | 4 | | | | | | | | |
| IWS Standard Pipe | <table border="1"> <tr> <td>4-8 Pots</td> <td>15m</td> <td>32-36 Pots</td> <td>45m</td> </tr> <tr> <td>12-28 Pots</td> <td>30m</td> <td>40-48 Pots</td> <td>60m</td> </tr> </table> | 4-8 Pots | 15m | 32-36 Pots | 45m | 12-28 Pots | 30m | 40-48 Pots | 60m |
| 4-8 Pots | 15m | 32-36 Pots | 45m | | | | | | |
| 12-28 Pots | 30m | 40-48 Pots | 60m | | | | | | |
| IWS Pro Pipe | <table border="1"> <tr> <td>4-8 Pots</td> <td>5m</td> <td>24-32 Pots</td> <td>15m</td> </tr> <tr> <td>12-20 Pots</td> <td>10m</td> <td>36-48 Pots</td> <td>30m</td> </tr> </table> | 4-8 Pots | 5m | 24-32 Pots | 15m | 12-20 Pots | 10m | 36-48 Pots | 30m |
| 4-8 Pots | 5m | 24-32 Pots | 15m | | | | | | |
| 12-20 Pots | 10m | 36-48 Pots | 30m | | | | | | |

Pro System

| Components | Detail | | | | | | | | | | | | | | | | |
|--------------|--|------------|-----|------------|-----|----------|-----|------------|-----|-----------|-----|-----------|-----|------------|-----|-----------|-----|
| *PRO Tees | 3 | | | | | | | | | | | | | | | | |
| *PRO Elbows | 4 | | | | | | | | | | | | | | | | |
| *PRO Washers | 14 | | | | | | | | | | | | | | | | |
| *PRO Locknut | 7 | | | | | | | | | | | | | | | | |
| IWS Pro Pipe | <table border="1"> <tr> <td>4 - Pots</td> <td>10m</td> <td>24-28 Pots</td> <td>40m</td> </tr> <tr> <td>8 - Pots</td> <td>15m</td> <td>32-40 Pots</td> <td>45m</td> </tr> <tr> <td>12 - Pots</td> <td>30m</td> <td>44 - Pots</td> <td>50m</td> </tr> <tr> <td>16-20 Pots</td> <td>35m</td> <td>48 - Pots</td> <td>60m</td> </tr> </table> | 4 - Pots | 10m | 24-28 Pots | 40m | 8 - Pots | 15m | 32-40 Pots | 45m | 12 - Pots | 30m | 44 - Pots | 50m | 16-20 Pots | 35m | 48 - Pots | 60m |
| 4 - Pots | 10m | 24-28 Pots | 40m | | | | | | | | | | | | | | |
| 8 - Pots | 15m | 32-40 Pots | 45m | | | | | | | | | | | | | | |
| 12 - Pots | 30m | 44 - Pots | 50m | | | | | | | | | | | | | | |
| 16-20 Pots | 35m | 48 - Pots | 60m | | | | | | | | | | | | | | |

*Number of items in a kit bag, each kit bag is for 4 pots. To increase the size of your system, request a Pro or Standard '4 Pot Autodrain/Dripper Add-on Kit' from your local retailer.

Setting Up Your System:

1. Lay out your stands in the position you want them to be in, remember to take into account the space required between stands for your plants to mature comfortably.

It is essential that your growing area is on even ground and the stands are level with one another and the control unit.

For Standard Systems go to step **2**. for Pro Systems go to step **3**. (then continue to step 4).

2. Standard System:

Removing the locknut and one of the washers from the gland, push the thread of the gland through from the outside of the stand.

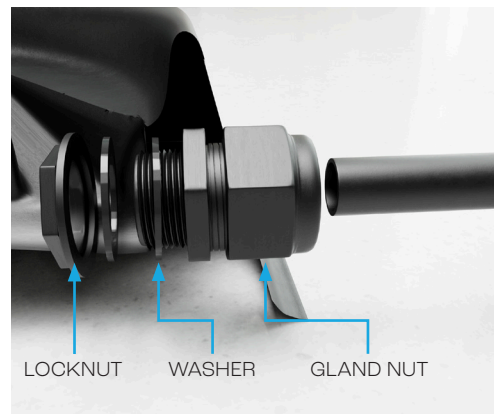
Replace the washer and locknut on the inside of the stand and tighten. This can be nipped tight with a spanner to ensure a watertight seal. Loosen the gland nut, then insert the fitting (elbow or tee) into the gland and tighten the nut.

Use an even number of lanes on the control unit. This will enable you to seal any unused lanes by attaching a small length of IWS Standard (STD) Pipe from one lane to another.

1.



2.



IWS Dripper

Instructions

3. Pro System:

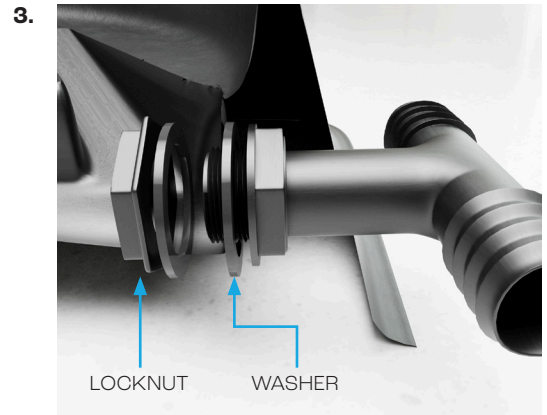
Place one washer over the threaded end of the fitting (tee or elbow). Push the threaded end of the fitting through the stand from the outside. Place another washer over the threads of the fitting inside the stand and fix with the locknut. This can be nipped tight with a spanner to ensure a watertight seal.

4. Cut your pipework to the required lengths and connect the stands together and each line to the control unit. Heating the ends of the pipes with hot water will make this much easier. Ensure the pipework is as straight and level as possible.

5. Run some pipe from the control unit to waste, this pipe will be Pro or Standard pipe depending on whether you are using a Pro or Standard system. Ensure you do not exceed the maximum height as specified by the pump manufacturer. For Standard Systems this is 1.5m and for Pro Systems this is 3.1m.

6. Place your pots onto the stands and plug the control unit into the mains electricity.

Note: IWS do not supply pots as standard with Dripper systems. Small stands are suitable for pots up to 20l, and large stands are suitable for pots up to 39l.



THE IWS DRIPPER SYSTEM IS DESIGNED TO BE USED ON A
FLAT SURFACE TO ENSURE THAT ALL POTS DRAIN EFFECTIVELY

IWS Drripper

Instructions

Setting Up The Drippers:

1. Set up your FlexiTank using the supplied instructions.

2. Connect the IWS Pro pipe to the FlexiTank. Use hot water to warm the pipe to make the process easier. Depending on the number of pots and the location, cut the pipe to your desired length. If you are using more than one run you should aim to make the runs equal in length and supply the same number of pots. The maximum number of pots should not exceed 48.

3. Fit a manifold to the pipe located between a pair of pots. Cut the pipe and connect each end to the manifold, use hot water to warm the pipe to make the process easier.

4. Connect the dripper line to the manifold, use hot water to warm the line to make the process easier. Then connect the other end of the dripper line to the drippers.

1.

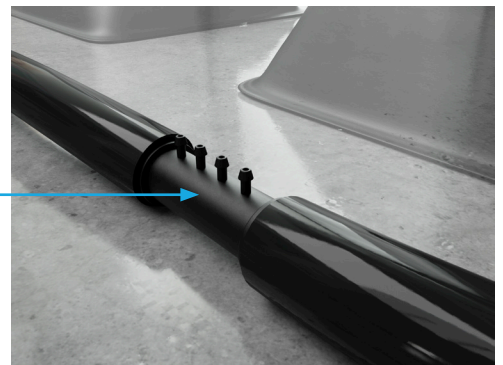


2.



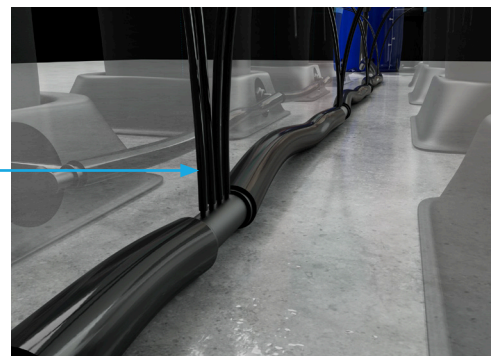
IWS DRIPPER
PIPE

3.



DRIPPER
MANIFOLD

4.



DRIPPER LINE

IWS Dripper

Instructions

5. Then push the drippers into your pot media use two drippers per pot.

6. Terminate the run of pipe with the tap. Use hot water to warm the pipe to make the process easier.

7. Fill the FlexiTank with nutrient solution and plug in the pump. Check for leaks and make sure each dripper is working.

