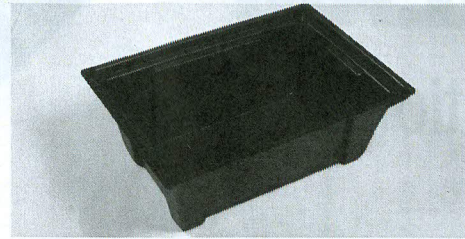
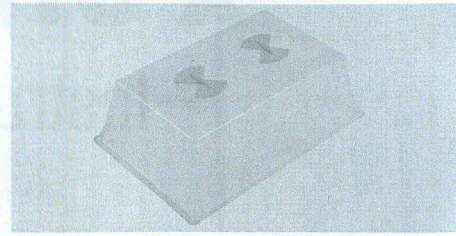


# Component List

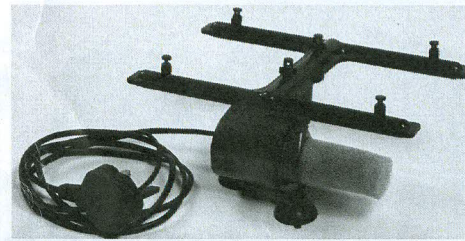
# X-STREAM



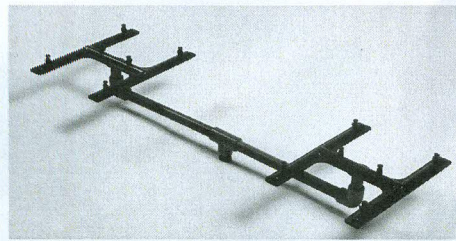
1 x Reservoir



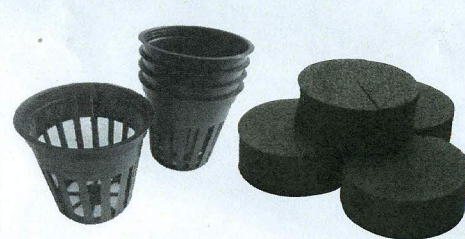
1 x Propagator Lid



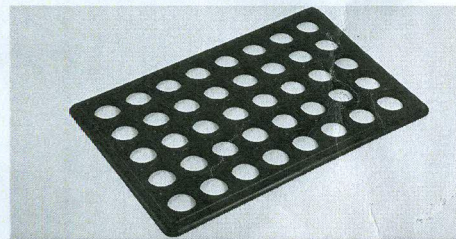
1 x Submersible Pump with fixtures



1 x Spray Assembly



Mesh Pots and Sponge Discs



Support Trays

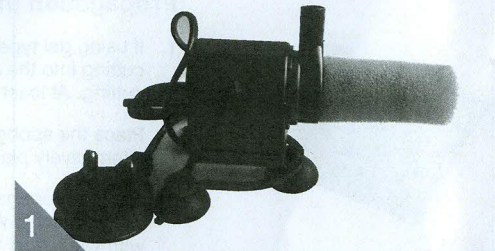
## SAFETY WARNING

1. Ensure that your electricity supply incorporates an RCCB protection device, or alternatively use a socket mounted RCCB power breaker unit.
2. Ensure pump and heater if employed, are connected in accordance with manufacturers instructions
3. Always switch off electricity supply before making contact with nutrient solution in reservoir.

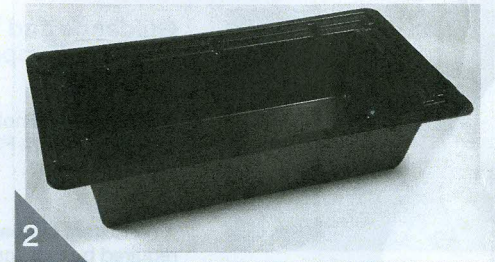
# Assembly Instructions

# X-STREAM

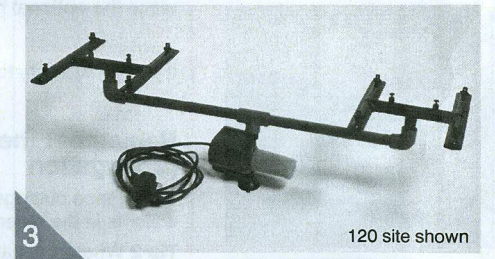
1. Push the bottom of the stand onto the pump and attach the three suction pads. Push the sponge filter and plastic filter onto the end of the pump.



2. Place the reservoir on a level surface and position the pump so the outlet is in the middle of the reservoir. The lead should sit in the groove on the edge of the reservoir.



3. Attach the 'H' shaped spray assembly to the pump outlet. (For the 120 site, the two 'H' assemblies need to be fitted to the grey pipe before fitting to the pump). Insert the spray assembly onto the pump outlet. This is a tight fit to improve stability when operational. Push the optional heater to the bottom of the reservoir using the suckers provided. Use the additional instructions for operating the heater.



4. Fill the reservoir with water to the level of the spray bars. Ensure the spray bars are level. Briefly test by plugging the pump in. Either use luke warm water or cold water from the tap which has been left to reach room temperature.



5. Twist spray heads/nozzles around to ensure even distribution of droplets. Place support tray(s) in position.



### Propagation Instructions for Cuttings

1. If using gel type rooting hormone, dip the cutting first. Slide the cutting into the sponge disc using the slit to avoid damaging the cutting. At least 2cm of the stem should show below the sponge.
2. Place the sponge disc on top of the lip of the mesh pot or alternatively place the sponge disc on top of the support tray.
3. Put the propagator lid in place. Switch on the sprinkler and run continuously. When roots are visible top up the tank (if necessary) with water and add nutrients as desired.

### Guidance and Tips for successful use of the X-Stream Propagator

#### Light

Cuttings should not be placed in direct sunlight, although you can use the X-Stream Propagator in conjunction with propagation lights if growing indoors.

#### Heat

A consistent temperature is required. The optimum temperature required by most cuttings is 18-22°C. You need to place your X-Stream propagator somewhere which maintains this temperature, or you can place the optional heater in the reservoir.

#### Nutrients

It is not necessary to add nutrients until your cuttings have started to root.

### Remember the following tips to successful propagation

**Tip 1** Place cuttings in the X-Stream Propagator, at this point only water is in the reservoir – until cuttings show signs of growth.

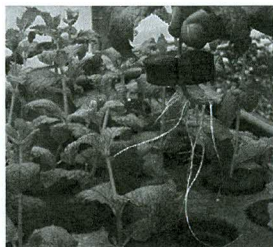
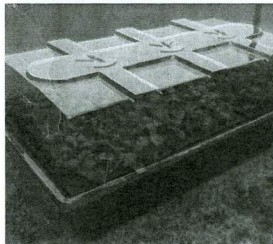
**Tip 2** When roots appear top the water up to the level of the spray delivery system in the reservoir – add plant nutrient at the required rate as desired.

**Tip 3** If some cuttings are rooting faster than others, swap them around to even them out.

**Tip 4** Transplant the cuttings when you have healthy root. (See image in bottom left corner).

### When are my Plants Ready?

For successful transplanting you need healthy young plants with abundant white roots visible. This picture shows what your plants will look like when they are ready to be transplanted.



1181 XS INS 1114

# X-STREAM

## Instructions





Deutschland:	<a href="https://www.growland.net">https://www.growland.net</a>
Europe:	<a href="https://www.growland.biz">https://www.growland.biz</a>
France:	<a href="https://www.growland.fr">https://www.growland.fr</a>
España:	<a href="https://www.growland.es">https://www.growland.es</a>
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