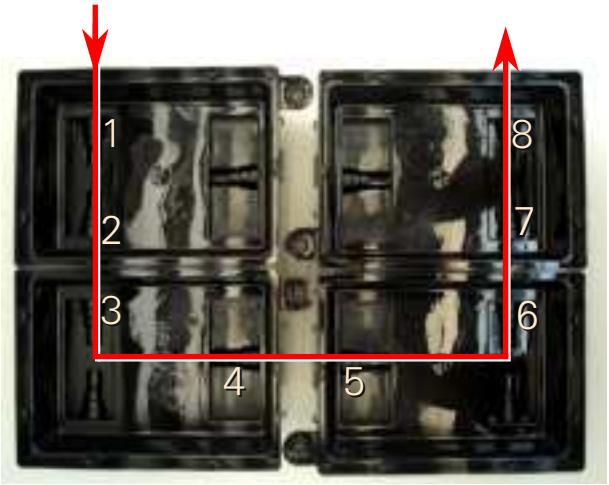
User guide

araponics

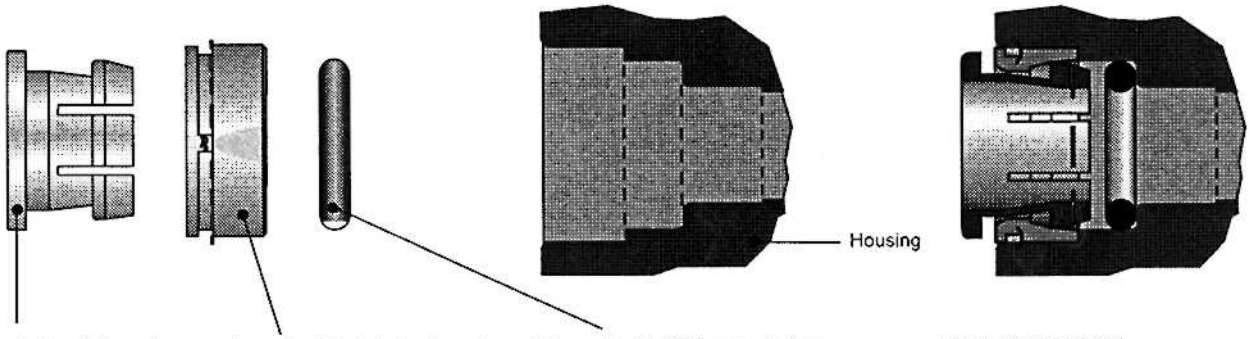
A *Layout your network and identify the knockouts to be punched out*



B *Punch the knockouts out*

C *Mount the 1/2 cartridges into the knockout holes*

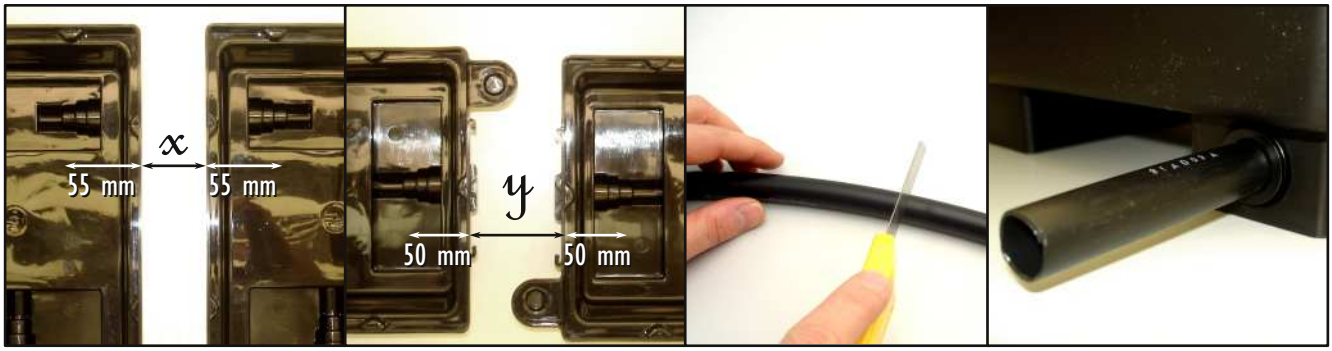
The **John Guest** Plastic Cartridge is made up of three components:-



1. A collet or gripper made of acetal copolymer with stainless steel teeth to grip the tube.
2. A Body in food grade acetal, with stainless steel teeth that will grip into the housing of the equipment.
3. An 'O' ring made from food grade material.

Assembly completed.

D *Cut the tubing at the appropriate length and fit it into the cartridge*

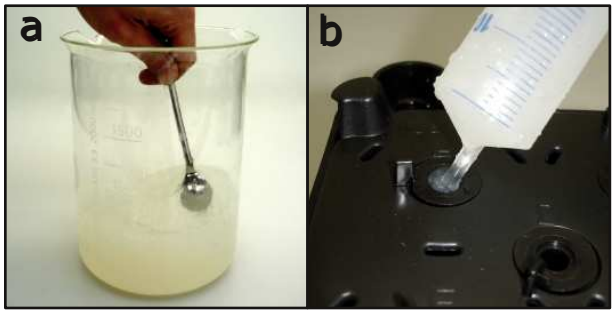


E *Prepare nutrient solution from stocks*

If you use FloraSeries nutrient stocks provided by Araponics, a 2000x dilution of each solution gives a good starting concentration. Nutrient replenishment and solution replacement have to be adapted to your growing conditions.

Refer to
Tocquin et al. (2003) BMC Plant Biology 2003, 3:2
http://www.biomedcentral.com/1471-2229/3/2
and references therein for more details and other formulations.

F *Prepare 0.65% agar for filling the seedholders*



1. Prepare a 0.65% agar gel with double distilled water.
2. When solid, make it mushy (a).
3. Fill the seedholders when fitted (b).
4. Sow the seeds on the top of agar.

We wish you successful hydroponics with

araponics