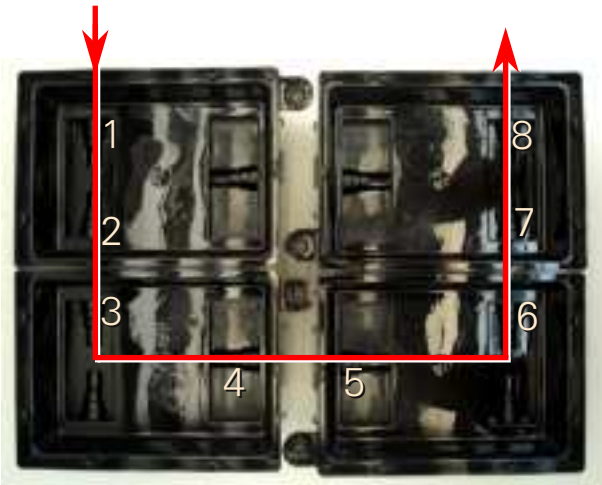


User guide

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



B *Punch the knockouts out*

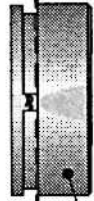


C *Mount the 1/2 cartridges into the knockout holes*

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



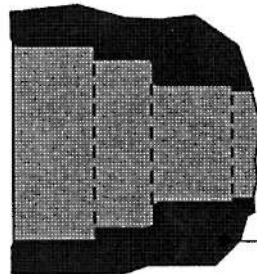
1. A collet or gripper made of acetal copolymer with stainless steel teeth to grip the tube.



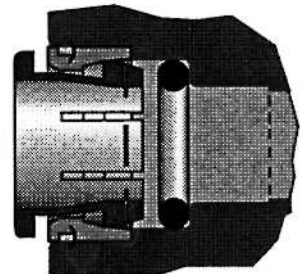
2. A Body in food grade acetal, with stainless steel teeth that will grip into the housing of the equipment.



3. An 'O' ring made from food grade material.



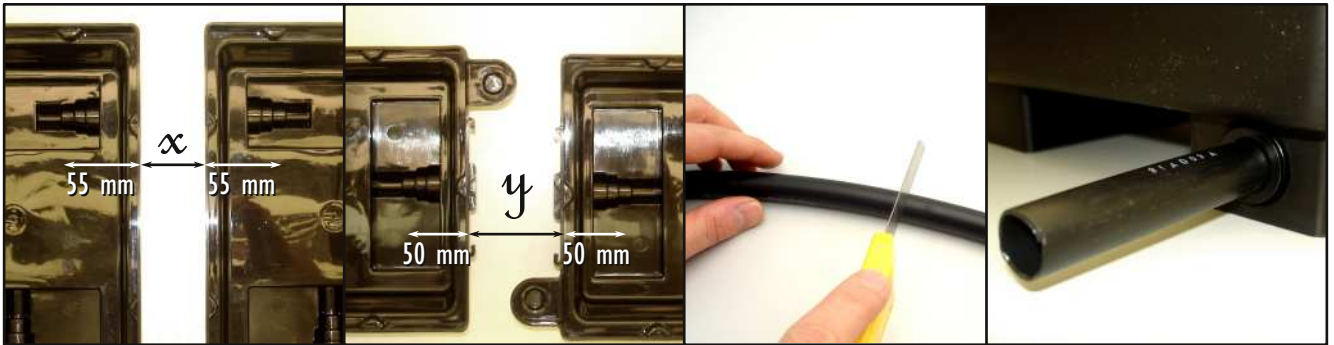
Housing



Assembly completed.



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



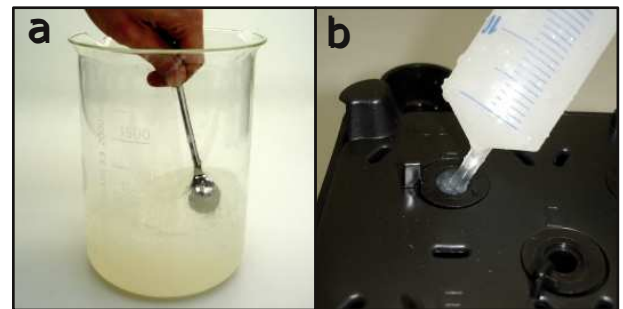
E Prepare nutrient solution from stocks



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



Kit 180

for growing up to 180 plants :

- 10 boxes
- 10 lids
- 250 seedholders
- 200 labels
- 1 connection kit



450,00 €
VAT excl.

Pack 360

for growing up to 360 plants :

- 20 boxes
- 20 lids



x4

420,00 €
VAT excl.

Seedholders

making a safe interface
between the seed and the
nutrient solution:

- 500,
- 1000 or
- 2500 pieces



130,00 €
/500

220,00 €
/1000

450,00 €
/2500

VAT excl.

Labels

easy labeling of your plants
and nutrients :

- 4 colors, 4 x 50 pieces



34,00 €
/200
VAT excl.

Connection kit

creating a network for easy
maintenance :

- 20 rapid connectors, tubing



60,00 €
VAT excl.

Nutrient stocks

FloraSeries (GHE) :

- 3 x 500 ml, for up to 1000L



30,00 €
VAT excl.

