

RTA System Assembly Guide.

Please read instructions from start to finish before putting your system together.



RTA System contents:

6 pot: Flexi Supply Tube x 10m, Universal Elbows x 6, RTA Control Unit, x 1, RTA Stand with Gland x 6

12 pot: Flexi Supply Tube x 15m, Universal Elbows x 6, Universal Tee x 6, RTA Control Unit x 1, RTA Stand with Gland x 12

24 pot: Flexi Supply Tube x 30m, Universal Elbows x 6, Universal Tee x 18, RTA Control Unit x 1, RTA Stand with Gland x 24

36 pot: Flexi Supply Tube x 45m, Universal Elbows x 6, Universal Tee x 30, RTA Control Unit x 1, RTA Stand with Gland x 36

48 pot: Flexi Supply Tube x 60m, Universal Elbows x 6, Universal Tee x 42, RTA Control Unit x 1, RTA Stand with Gland x 48

Optional extras sold in Air-Pot RTA Dripper System:

FlexiTank, Air-Pot containers, Topspin Dripper Kits.

1. Fit Universal Sealing Glands to RTA Stands.

Insert Universal Sealing Glands into RTA Stands. Make sure there is a rubber washer on either side of the drilled hole in the RTA Stand. Tighten using a 32mm spanner, taking care not to over tighten.



2. Position RTA stands in desired location.

Lay out the stands in the final position you require. Make sure the stands are positioned on a level surface.

3. Fit Universal Elbows and Tee's to RTA Stands.



Insert Universal Elbows (and Universal Tees if using), into the RTA Stands. 6 pot systems will not require the use of tee's; each stand will be fitted with an elbow which allows you to connect back to each of the 6 outlets on the control unit. As there are only 6 outlets on the control unit, larger systems will require some stands to be linked together using tee's and then finishing the line with a stand fitted with an elbow. For example, if you are using a 12 pot system, you will need to divide the number of stands by the 6 outlets on the control unit. $12/6 = 2$. This means 2 stands can be joined to each outlet on the control unit, so for each run of 2 pots from each outlet, fit one stand with a tee and the end one with an elbow. If you had 36 pots that would mean 6 stands per outlet so 5 would be fitted with tees and the last stand would be fitted with an elbow.

4. Prepare RTA Control Unit

If not already fitted, fit Universal Straights into the Sealing Glands on RTA Control Unit to create your outlets.



Position Control Unit in suitable location close to the RTA Stands. This needs to be on a flat surface level with RTA Stands.

5. Connect system together with Flexi Supply Tube.

This process will vary depending on the number of RTA Stands used and your chosen layout. There are many different combinations. Consider your options and be sure of your layout before cutting pipes!

If you are using just 6 stands (with elbows fitted), then simply measure and cut enough pipe to join each stand to an outlet on the Control Unit.

For larger systems, cut addition pipe to link the additional stands (fitted with tees) together. Then join the stands nearest to the control unit to the sealing glands.

Make sure all pipe lengths are cut as short as possible to connect your system together. Avoid excess pipe and keep pipe lengths running flush to the floor.

Attach return pipe to control unit. The return pipe can be run to a suitable waste point or back to a main reservoir if re-circulating.

****Tip**** To make fitting easier, warm the ends of the pipe in hot water before pushing onto the fittings.

