

Bubble Plate Instructions



Bubble plates increase separation efficiency during distillation by repeatedly contacting rising vapour with liquid on each plate. Seals to fit are also available for separate purchase.

Please note that we do not recommend using bubble plates with our Pure Distilling Reflux Condenser, unless the customer is particularly keen to experiment. The Pure Distilling Reflux Condenser is liquid controlled, meaning it already has a pseudo bubble plate working inside the tower.

If anyone is keen to try using a bubble plate in a sight glass, the system will need to be run on the large 1700W element only once the boiler comes up to temperature. The system will enter slow mode very early, and the run will typically take more than 5 hours. Expect plenty of activity in the sight glass during the first hour of the run.

These are better suited for those using vapour-controlled condensers or Pot Condensers.

How to Install a Bubble Plate in a Sight Glass

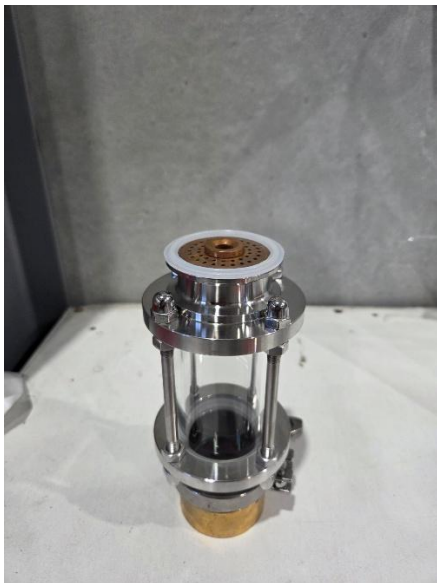
Step 1 - Position the Bubble Plate

Place the bubble plate into the centre of the sight glass with the chimney (riser) facing upward into the sight glass.



Step 2 - Fit the Bubble Plate Seal

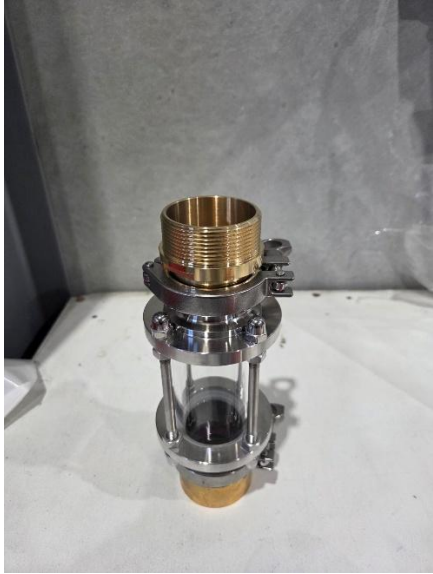
Place the bubble plate seal into the groove around the edge of the bubble plate.



Please note that the **bubble plate seal is different from the standard 2" seal** normally used with a sight glass. The sealing lip is positioned **further inward** to correctly locate and hold the bubble plate in place.

Step 3 - Attach the Lower Fitting

Position the male adaptor, extension, or whichever component you plan to install below the sight glass onto the seal. Secure the connection to the sight glass using a clamp, ensuring everything is aligned and tightened properly.



Step 4 - Install the Assembly

Once secured, flip the entire assembly over and place it onto your boiler lid. The sight glass with the bubble plate is now ready for you to attach your condenser above.

