

# PROSEP FILTER SYSTEMS LTD

## CHEM-*pro* INSTALLATION INSTRUCTIONS

### CHEM-*pro* Kit Contents

- 1 x Water Filter Housing
- 1 x Filter Cartridge
- 1 x Chrome Tap
- 2 x Push Fit Connectors
- 1 x Wall Bracket and Screws
- 1 x Housing Spanner
- 1 x Saddle Tapping Valve
- Reminder Sticker

### What You Will Need

- 3mm Pilot drill
- 11mm Twist drill bit
- Electric Drill
- Sharp knife for cutting tubing
- Phillips screwdriver
- Adjustable spanner

### Fitting the Filter Assembly

Using the mounting bracket as a template, mark the position of the bracket on the wall/partition where the system is to be installed. Ensure to leave a space of at least two inches beneath the bowl to allow for easy removal. Drill and plug the mounting bracket holes ready for fixing.

Fix the filter housing to the mounting bracket taking note of the inlet and outlet markings on the filter head. Remove the bowl of the filter housing and place the filter cartridge in the bowl. Ensure the cartridge is installed the correct way up - if present check the arrow direction on the side of cartridge. Offer bowl and cartridge up to the filter head and screw together. If fitted remove the short pieces of tubing from the grey collars within the push fit connectors screwed into the filter housing head. To do this, push the grey collar in the centre of the push fit connector and pull out the tube. Fix the complete assembly to the wall/partition.

### Fitting the Tap

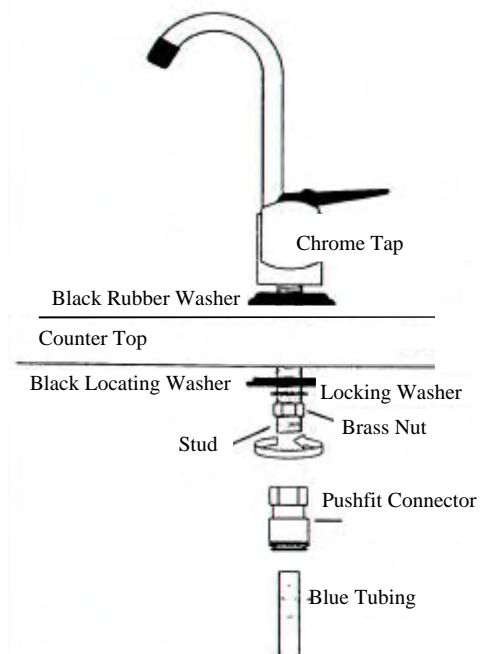
*Alternative tap sizes and colours are available.*

Select a suitable position on the worktop or corner of the sink.

Before drilling the hole, check there is nothing directly underneath that could be damaged i.e. water or waste pipes, cables etc. Also make sure that there is room for the locating washer and that you can physically reach the tap stud to connect the brass nut.

Use a centre punch to mark the location of the hole to be drilled. Drill a 3mm pilot hole. Enlarge the hole to 11mm.

If you are drilling through stainless steel, deburr any rough edges around the hole. Wipe clean with a soft cloth. Check that the tap stud fits easily through the hole. Secure the tap as shown in the illustration. Firmly push the open end of the blue pipe into the grey collar within the push-fit connector on the side of the filter housing marked 'OUT'.



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## Fitting the Self Piercing Saddle Tapping Valve

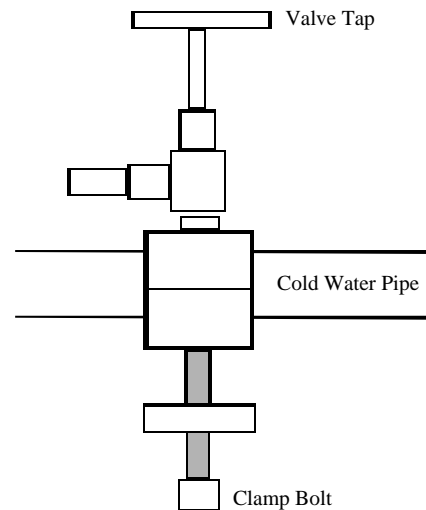
Although not essential, we recommend that you turn off the cold water stopcock and relieve pressure by turning on the cold water tap.

If the stopcock is under the sink, fit the valve after the stopcock.

The valve must be fitted on the cold water supply only, (if you are uncertain, run the hot tap for a minute and feel the pipes under the sink to distinguish the cold pipe.)

Do not fit the valve on a bend, a join or where there is solder on the copper pipe.

Attach the clamp around the pipe and tighten the clamp bolt to ensure a water tight seal. Do not over tighten the clamp bolt as this may distort the water pipe. Firmly push the open end of the red tubing attached to the saddle tapping valve into the grey collar within the pushfit connector on the side of the filter 'IN'.



## Turning on the Water Supply

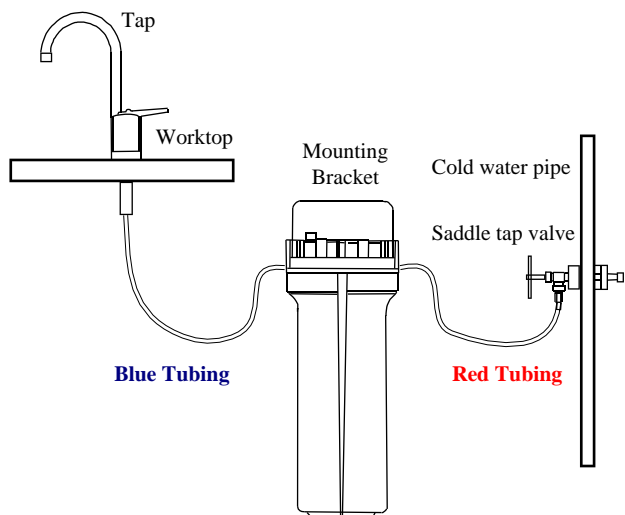
Check that both red and blue tubes are firmly pushed into the grey collars within their respective push fit connectors. Turn the valve tap on the saddle tap valve clockwise as far as it will go and then anti clockwise, water will be heard to flow into the tubes and filter housing. Check for leaks, if okay, fully open the valve tap.

If present press the button on the head of the filter housing to vent air that may be trapped in the housing. When water begins to flow from the vent, release the button.

Allow water to flow through the system by depressing the handle on the sink tap. Air will be displaced before filtered water is produced.

The first few litres of water may contain carbon fines and air bubbles. Allow the tap to run for 2 - 3 minutes in order to clear.

Check for leaks.



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