How to connect a S-R-PP-Filter-Unit with the Elantrix HX Wash section

1- Contents:

10 x Clamp 2 x Connection nipple 10m Hose dia 20 mm

1 x Connection piece IN Rinse tray

Connection piece OUT Rinse tray

2- Tools needed:

Screw driver
Knife
Drilling machine
Drill dia 26 mm
PVC glue (Tangit) & Teflon

3- Unpacking:

3.1 Content:

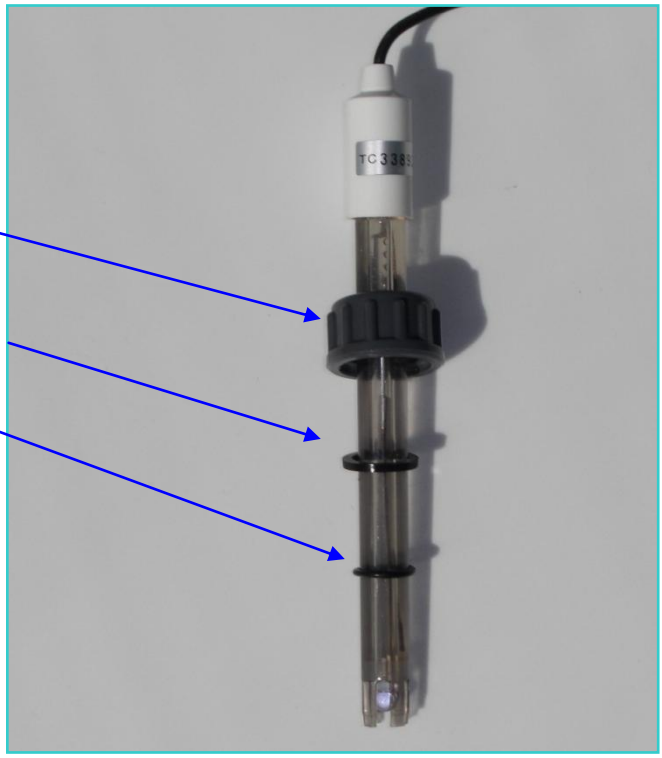
3.1 Preparation:

Remove the pH probe from the circulation tube.

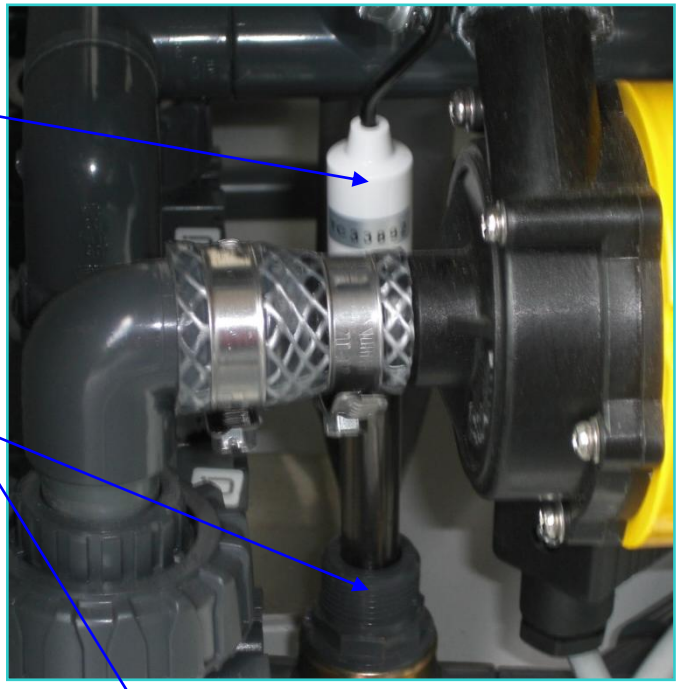
Unpack the probe, take care of "O" rings and fluid container.

Remove the fluid container and put the PVC plug into position.

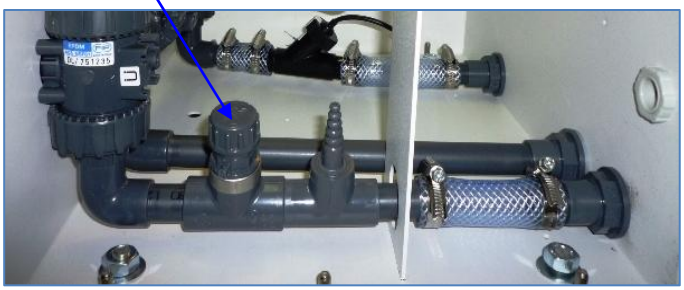
Glide the 2 "O" rings (first the large and than the smaller one).



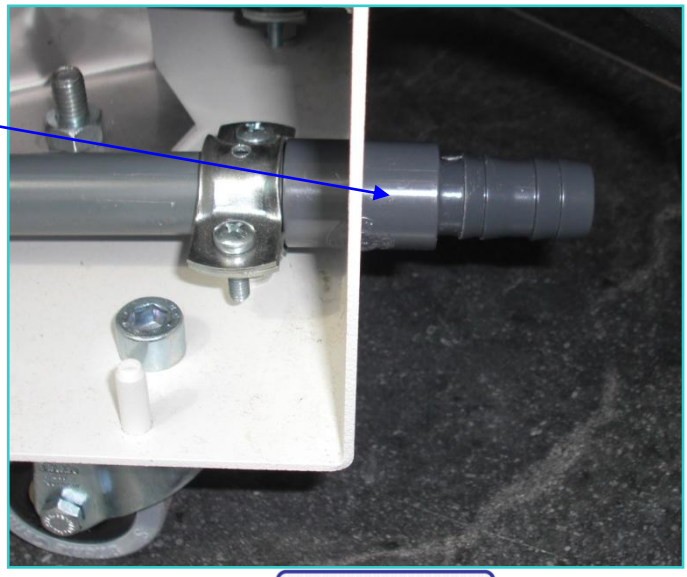
Install the pH probe in the lower section of the Filtration Unit.
This PVC “T” part is in the inlet flow direction of the Water Filter.



Carefully tighten the PVC plug to prevent leakages.



Glue the 3 PVC pipe connection nipples.



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3.2 Connection:

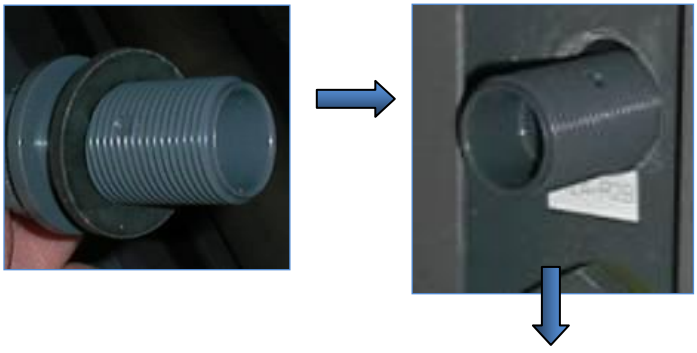
Drill a hole dia 26 mm thru the wall of the Elantrix HX Rinse tray (left side).

Check for the optimal position.
Remove the burrs on the drilled hole

Drill a hole dia 26 mm thru the bottom of the Rinse tray .

Put the rubber sealing on the tank connection piece

Mount the connection piece into the tank, rubber sealing inner side



Screw the nut on the connection piece, reinforcement ring against the tank wall

Connect the hoses to the filter unit.

Connect the Filter unit with the drain.

4. Finalization:

Clean the Rinse tank and make sure that all PVC particles are removed
Re-install the rollers, brush.

Connect the Filter Unit to the mains.

The modification is now finished, for start up refer to the user manual.

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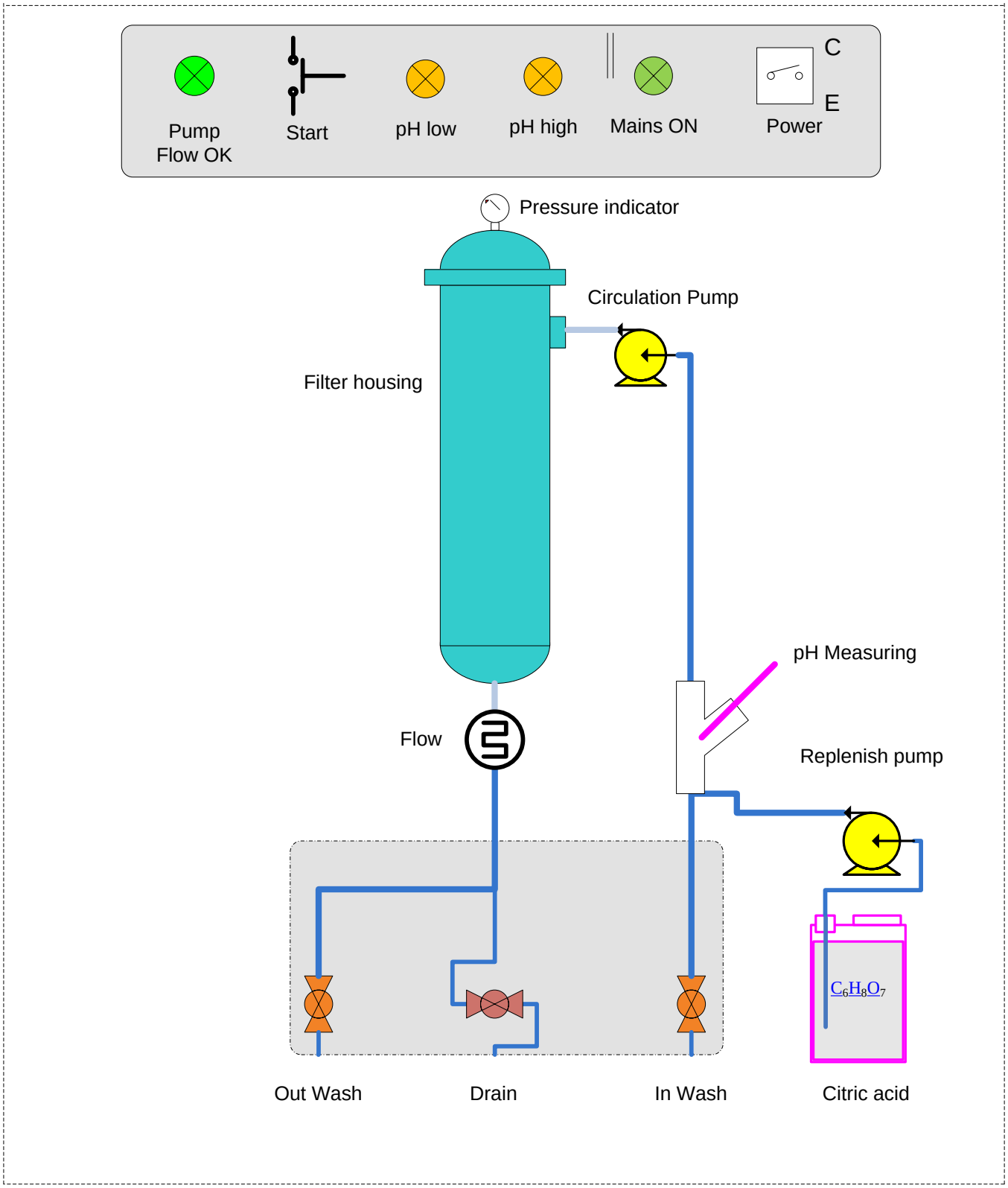
5. Software Installation:

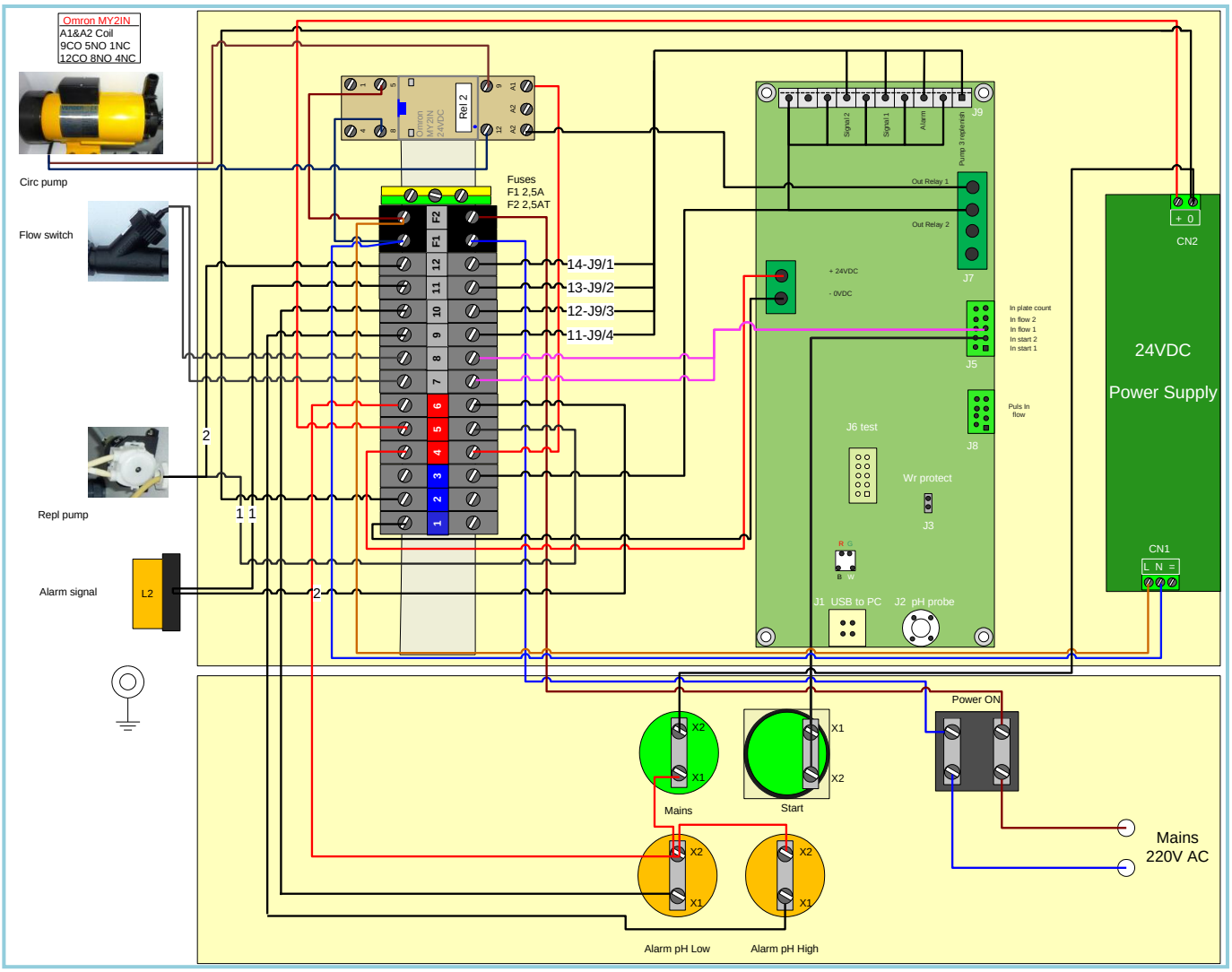
Copy the software file “pHController.exe” on your PC.

- Run this file and follow on screen instructions.
- It will install the necessary drivers and firmware on your PC.
- Connect your PC with a USB cable to the Filter Unit and power up the system.
- Run the “pHController_proj.exe” file the actual firmware to control and update all parameters in the Filter Unit.

6. Filter flow diagram:



7. Electrical Diagram:



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