

Replacing Humidity Tubing on 6000/5000 Chambers

To carry out the 8000 hour service on a 610/620/5200/5400 RHS it is necessary to inspect and replace the tubing if required.

I would allow about 4 hours (not including any travelling time to the site).

Have attached some info on the tubing required and the procedure for the steam module.

If you replace the RED rubber tubing (ONLY if its brittle) you will have to dig out the RTV sealant where it goes through the wall and replace it afterwards.

RED rubber tubing('Goodyear Wingfoot') ¼" (6.4mm) ID. Part No: **SPRAY HUM 4**
(Require approx 1 meter).

CLEAR Plastic Tube ('LEDAVIN'non toxic beverage) 6mmID x 10MM OD. Part No:
TUBE PLA6
(Require approx 2 meters

If replacing the 'DRAIN' tubing then also -
CLEAR Plastic Tube ('LEDAVIN'non toxic beverage) 8mmID x 12MM OD. Part No:
TUBE PLA8
(Require approx 1 meter

Long Steam Injector Coil) Part No: P2005 1 required.

MAINTENANCE for STEAM INJECTION MODULES

If the cabinet is fitted with the Steam Injection System for humidity control there will be a Steam Module located at the rear of the cabinet. The water used must be distilled or deionised to minimise the risk of blockage to the injector coil. Water that has been through the humidity system should not be recirculated. The steam injector coil should be replaced every 12 months.



Steam Injection Module (P2003) INLET OUTLET



Long Injector coil (P2005)

To replace the Steam Injector Coil: Turn ALL power to the cabinet OFF. Wait for the steam injector to cool down (about 1 hour). Ensure the unit has cooled enough to be safe to handle. Remove the two screws securing the injector module cover and lift the cover clear, (lugs retain the top cover position).

Undo the hose clips holding the inlet and outlet tubing to the injector coil and pull the tubing clear. Lift out the top piece of fiberglass insulation to expose the coil retaining plate. Remove the two screws holding the coil retaining top plate to the heating block and carefully lift the plate upwards drawing the centre column out of the heating block. If necessary gently tap the injector coil from the bottom to knock it upwards and out of the heating block. Reverse the procedure to replace the coil.

Ensure all hoses are correctly connected and held on with the retaining clips. If any of the steam hoses have become brittle they should be replaced.

The old steam injection coil should be discarded.

Prime the Humidity Injection System using Diagnostic No3.