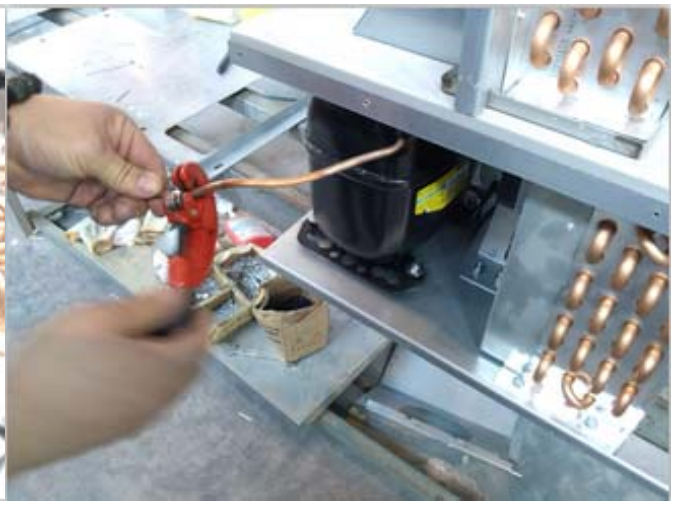
Cooling Unit Repair



1. Take out the cooling unit, and remove the cover plates around the unit.

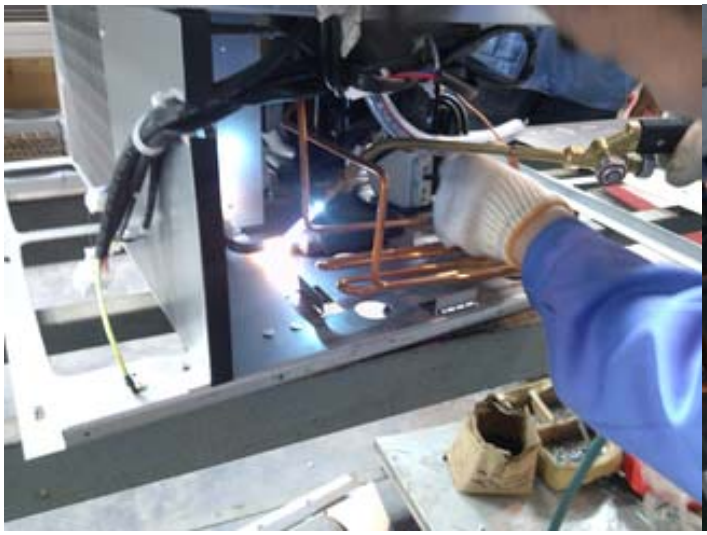
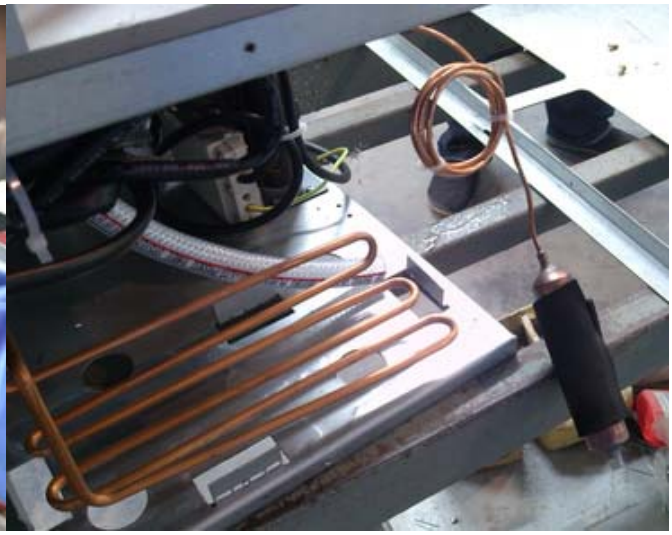
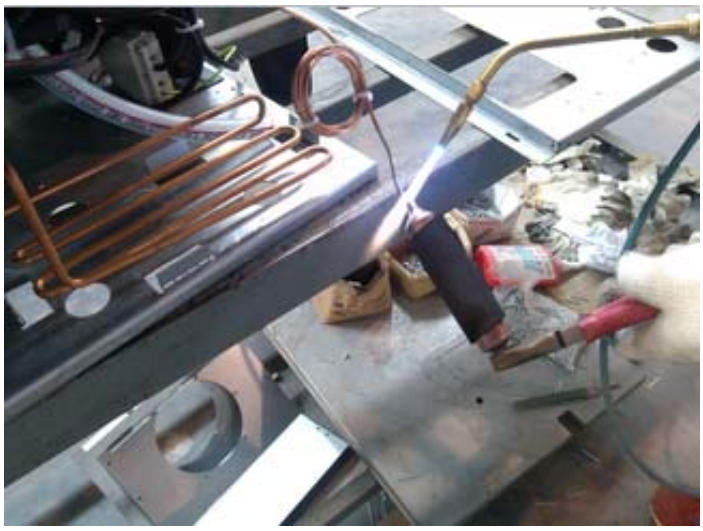




2. Cut the gas filling process tube.



3. Take out the stainless steel water box.

4. Dismantle the filter from capillary tube and the copper tube(condenser to filter) by heating.

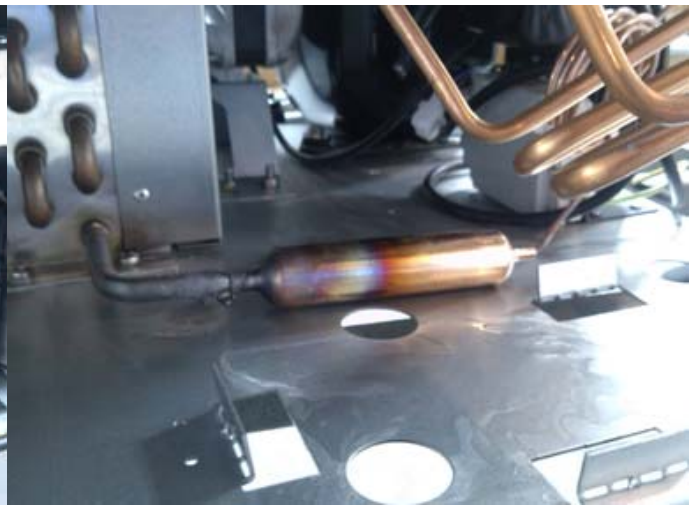


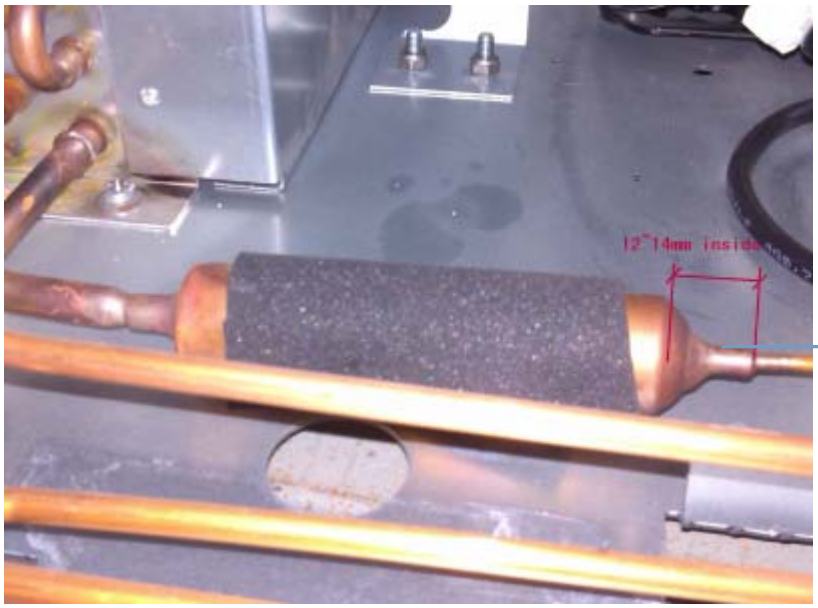

5. Bend the capillary tube about 120°.



6. Fill the process tube with N2 for more than 5 seconds to clean it.







Capillary Tube
12-14mm inside

7. Assemble a new filter by welding.




8. Fill the process tube with 10kg of N2. After 24 hours, please check if the pressure drops.

9. Fill in the refrigeration gas:

VCM-3000: 280g R134a

VCM4000/5000: 370g R134a