Troubleshooting（TC32G）

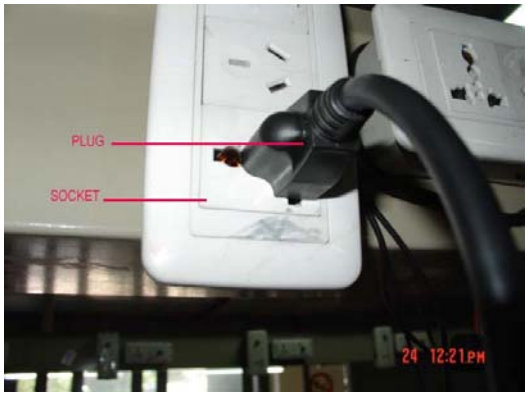
tools：

Tool description

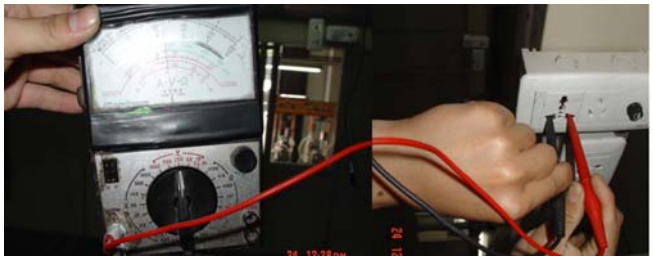
（Note: Most of the repairing is same as VT60's, so we use VT60's picture）

（1） the wine cellar does not get cold at all.

1、 Check to ensure the power plug is installed properly. If not connect the power or loosen, please connect it properly. (see the following picture)：



2、 Check the voltage in the socket. See following.



The voltage should be around 115V in the socket.

3、 please replace it as follows:

Take off the screws on the back panel.

Take off the back panel.

Touch the compressor by hand. If there is vibration, means the compressor is in normal working. If not, replace the control board. Method ,see below:

3-1Disconnect the power, take off the screws on the control board cover

3-2、Take off the cover

3-3、Take off the terminals and replace the main control board

3-4、Get the wine cellar powered and check compressor working status

4、Check whether there is a leakage in the refrigeration system.

4-1、After the power has been on for some time, the display of the temperature is accordance with the ambient temperature. There is no change of the temperature in the cabinet.

4-2、Take off the power plug.

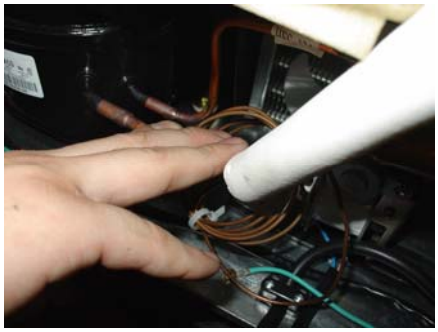
4-3、Take off the screws on the back panel.

4-4、Take off the back panel.

4-5、If compressor is shaking when you touch it by hand, it shows the compressor is working.

4-6、If exhaust pipe isn’t hot when you touch it by hand after compressor running a period of time,

4-7、The intake pipe isn’t cool when you touch it by hand



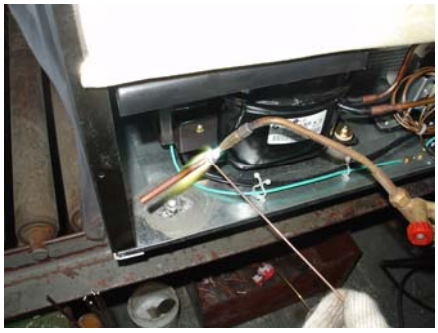
Then we can say machine has the problem of System Leakage. (Below is the repairing)

4-7-1、Cut off the process tube

4-7-2、Take off　the process tube

4-7-3、Replace it with a new process tube

4-7-4、Fix the process tube by welding.



4-7-5、Install the vacuumizing connector onto the process tube.

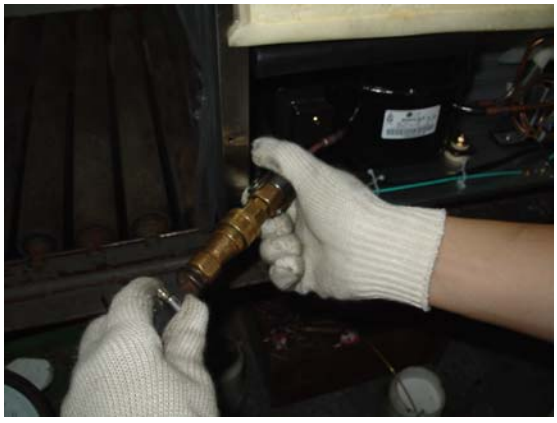
4-7-6、Charge nitrogen. Connect the dried Nitrogen with the pressure is 1Mpa to the process tube

4-7-8、Cover the welding point with towel that is soaked with soapsuds. If there is bubbles it means there is seam

4-7-9、Re-weld the parts at which there are seams

4-7-10、Test with towel while charging Nitrogen until there are no bubbles.

4-7-11、Connect the vacuum pump with the processing tube and then vacuumize for more than 20 minutes.



4-7-12、Connect the vacuum pump with canned bottle and then vacuumize for about 5minutes.

4-7-13、Weigh the canned bottle.

4-7-14、Charge the refrigerant into the canned bottle,

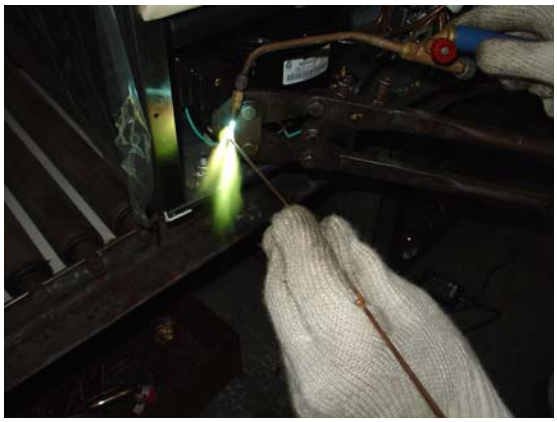
4-7-15、Weigh the canned bottle after charging.

4-7-16、Connect the canned bottle with the process tube and then compressor work for more than 5 minutes,

charge the refrigerant into compressor

4-7-17、Weigh the canned bottle to check whether the refrigerant were charged completely

4-7-18、Clamp the process tube and make it flat, and seal it after ensuring no leakage of the gas.



4-7-19、Connect the refrigeration system to power and check whether there is any problem and then fix the back panel

（2）The wine cellar is not cooling enough.

1、 Avoid the cellar under direct sunlight or adjacent to heat source.

The illustration shows that the over high of the inner temperature for the long time shining of the light.
Ensure the good ventilation around the cellar.

2、 Check whether the door is not closed firmly or whether the door has been opened for too long time.

3、 Check and ensure the door gasket is good enough.

4、 Check the fan motor.

4-1、Take off the screws on the back panel.

4-2、Take off the back panel.

4-3、If the fan motor is not running when the compressor is working, please repair it as following steps:

4-3-1、Take off the fixing screws on the fan motor.

4-3-2、Take out the fan motor.

4-3-3、Pull out the blade.

4-3-4、Pull out the terminal and then replace the fan.

4-3-5、Insert the blade.

4-3-6、Install the back panel on.

（3）The cellar is too noisy.

1、 Make certain the cellar is properly leveled and standing firmly.

You may adjust the leveling legs to keep it level.

2、 Make sure the pipelines un-touching each other.

（4） The light is not on when the machine connected to the power.

1、Check and ensure the bulb tightened enough. If the bulb is wrong please replace it as follows:

1-1、Removing the power plug from the outlet.

1-2、Take out the racks.

1-3、Take off the 3 screws on the light cover.

1-4、Remove the light cover.

1-5、Take off the bulb.

1-6、Fit the new bulb and make certain the good connecting.

1-7、Connect the power, the light is on and then disconnect the power

1-8、Fix the light cover.

（3）Light keeps on.

1、If the light keeps on, please do as follows:

1-1、Check the lamp switch.

1-2、Check and make certain the blocker of door switch keep good connection with the door switch.

1-3、Angle of the blocker is less than 90°.

Check and make certain the angle of the blocker is 90°.

1-3-1、 Check and make certain the door switch is good, if damaged, please replace it accordingly.

1-3-2、The resilience of the door switch is not good enough, please replace the door switch.

1-3-3、Catch the door switch with pincers, and then pull it out.

1-3-4、Pull the door switch out.

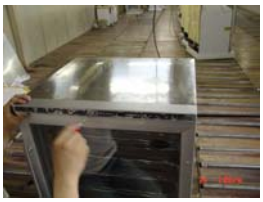
Replace it with a new one, connect the wire, and make certain the door switch is installed on correct place.

（4）“ER” showed on LED indicator

As above, “ER” showed on the LED indicator, the terminal is not connected well or the thermal resistor is damaged.

1、 The repair steps for the terminal is as follows:

1-1、Take off the PVC cover of the plastic panel.



1-2、Take off the five screws on the cover.

1-3、Take off the two screws on the display board.

1-4、Take off the plastic panel.

1-5、Pull out the display board.

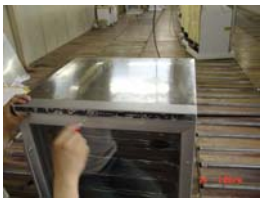
1-6、Pull out the terminal of the display board.

1-7、Cut out the terminal according to the picture.

1-8、Reconnect a new terminal, and tie it up with rubberized fabric.

1-9、Connect the terminal.

1-10、Fix the screws on the display board.



1-11、Fix the screws.

1-12、Recover the PVC cover of the plastic panel.

2、The repair steps are as follows if the thermal resistor is damaged.

2-1、Take out all the racks in the cabinet.

2-2、Take off the four screws on the evaporating board.

2-3、Remove the evaporating board as above.

2-4、Take off the screws of the thermal resistor.

2-5、Cut the line according to the picture, reconnect a new thermal resistor.

2-6、Fix the new thermal resistor.

2-7、Fix the evaporating board.

2-8、Put the racks in and then close the door.

（5）“LL” shows on the LED indicator.

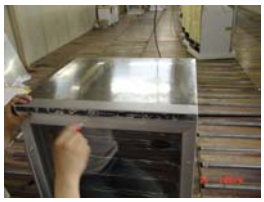
“LL” shows on the LED indicator that means the temperature is too low in the cabinet. The circuit is out of control, please replace the control board,（ the same as 3-1------3-4）:

（6）“HH” shows on the LED indicator

“HH” shows on the LED indicator, the temperature in the cabinet is too high; the cellar does not get cold at all: the refrigerating system got trouble.

（7）Unavailable letters showson the LED indicator, the indicator should be replaced. Please do as follows:

9-1、Take off the PVC cover.



9-2、Take off the five screws on the plastic panel.

9-3、Take off the two screws on the indicator board.

9-4、Take off the plastic panel cover.

9-5、Pull out the indicator board.

9-6、Pull out the terminal of the indicator board.

9-7、Replace it with a new one, then plug the terminal.

9-8、Fix the indicator board.

9-9、Fix the plastic panel cover.

9-10、Stick the PVC cover on.