

TK GUIDELINE

PROBE REPLACEMENT

MODELS :

TK500 – TK1000 – TK 2000

EQUIPMENT



Screw-drivers



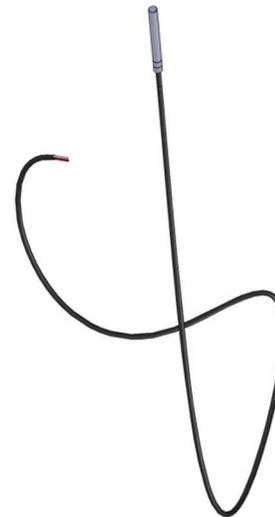
5 black clamps



Tongs



Allen wrench (7)



*Thermostat Probe
(spare part)*

STEP n. 1



Remove the conveyor from the top part of the chiller.

You can see the metal black grid and the red fan support.



STEP n. 2

Remove the air filter grid and air filter from their position.



STEP n. 3



Using the screw-driver, remove the 4 INOX screws indicated in the picture here below.



STEP n. 4

Remove the red fan support lifting it up from the bottom edge.

Leave it on the metal cover, as you can see in the picture.



STEP n. 5

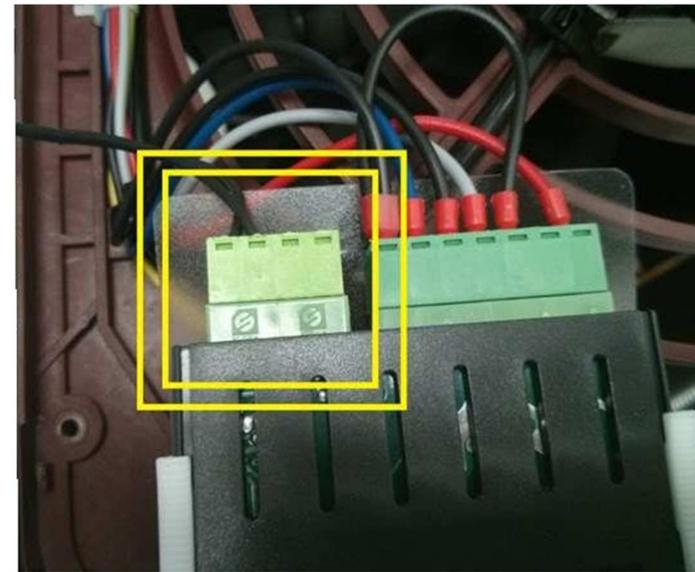
Disconnect the compressor connector, heater connector and probe connector.



Compressor connector



Heater connector

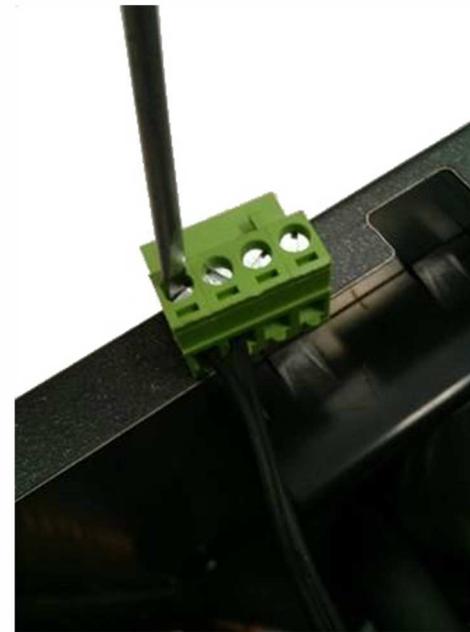


Probe connector

STEP n. 6

Cut the black clamps inside the chiller that embrace the probe's wire.

Then, with the small screw driver, disconnect the green connector from the probe's wire.



STEP n. 7

Remove the rubber cup positioned in the chiller's bottom side.

Now you are able to see the probe's position and its insulation.



STEP n. 8



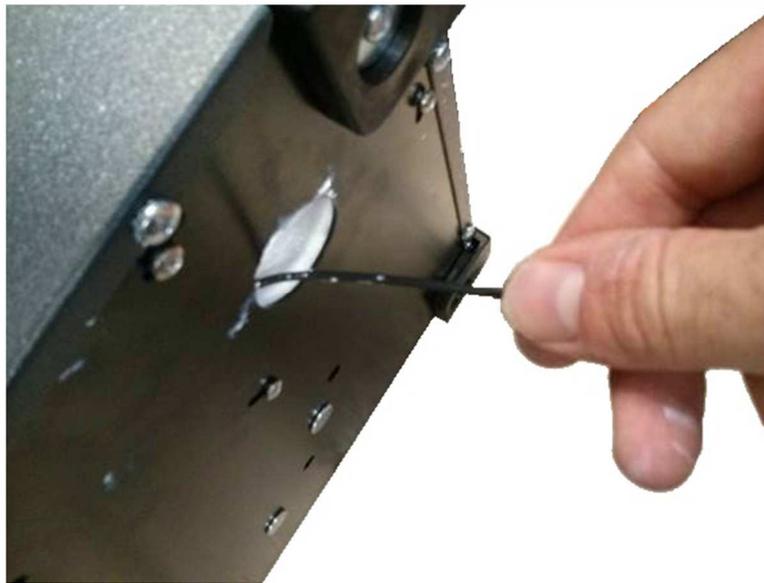
Remove the probe's insulation.

Then remove the probe from its position, pulling it off from the wire.

STEP n. 9

Take the probe and remove it from the exchanger's bottom part, following the small passage where the probe's wire pass.

Then, from the chiller's top part, take out the probe.



STEP n. 10



Take the new probe and put the probe's final part (two wires) in the exchanger's small passage.

Go in the chiller's bottom part and take out the probe's wire.

STEP n. 11



Insert the new probe inside the exchanger.

ATTENTION: the probe has to touch the pipe's end part.

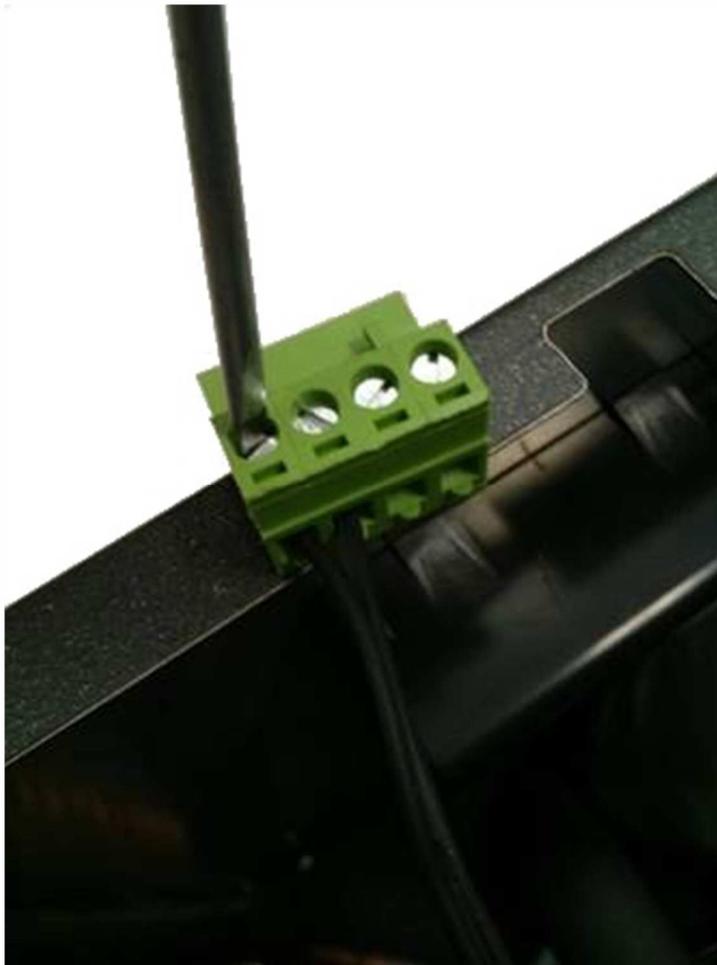
STEP n. 12



Take the probe's insulation and put it on the probe's hole.

*ATTENTION: there must not be any air leakage !!
Insert the black tap in its place.*

STEP n. 13



*Connect the probe's wire to the green connector using the screw-driver.
Then re-connect it to the thermostat.
Take a new black plastic clamp and pinch the probe's cable around the exchanger's pipe insulation, as showed in the picture.*



STEP n. 14



Take the fan support Assembly.

Reconnect all connectors and fix it at the chiller's body.

Attention: the front panel side must be insert in the aluminum profiles!

STEP n. 15

Rebuild the top part of the chiller following the indicated sequence:

- 1. 4 INOX screw (fix the fan support on the metal cover)*
- 2. Conveyor*
- 3. Air filter*
- 4. Air filter grid*