

TK GUIDELINE

OVERHEATING PROBE REPLACEMENT

MODELS :

TK500 – TK1000 – TK 2000

EQUIPMENT



Screw-drivers



Allen wrench (7)



1 black clamps

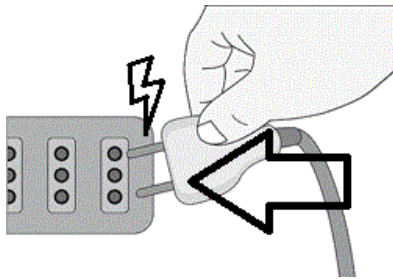
Tongs



*Overheating Probe
(spare part)*

STEP n. 1

Disconnect the chiller from power supply.
Never touch internal part or dismount chiller
when it is connected to power supply to avoid
potential electric shock.



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

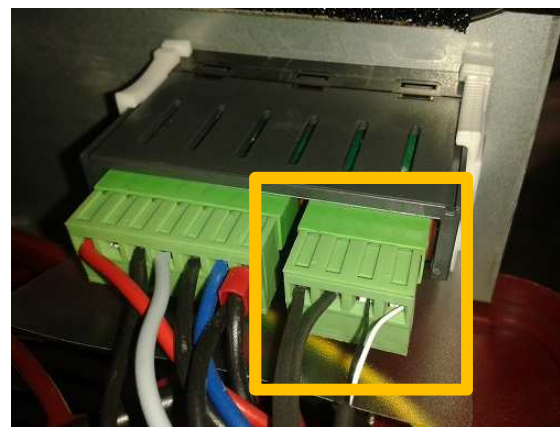
Disconnect the compressor connector, heater connector and probes connector.



*Compressor
connector*



*Heater
connector*



*Probe
connector*

STEP n. 6

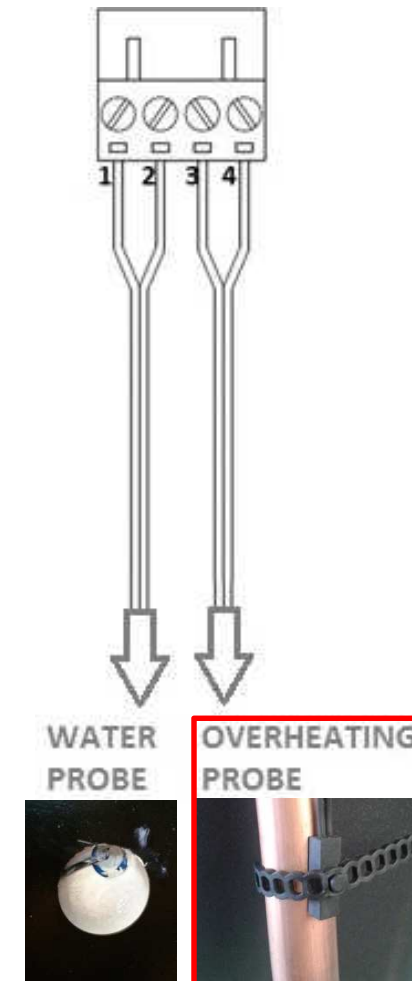
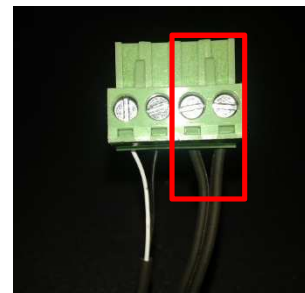
*Cut the black clamps inside the chiller that embrace probe's wire.
Then with the small screw driver, disconnect the old overheating
probe wire from the small green connector.*

Pay attention to not confuse overheating probe with water probe.

Water probe wire comes from the bottom of exchanger.

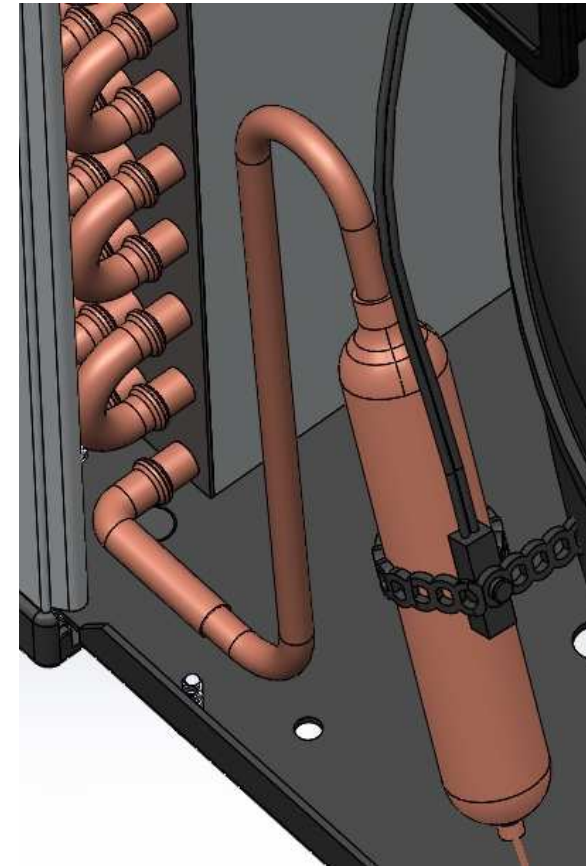
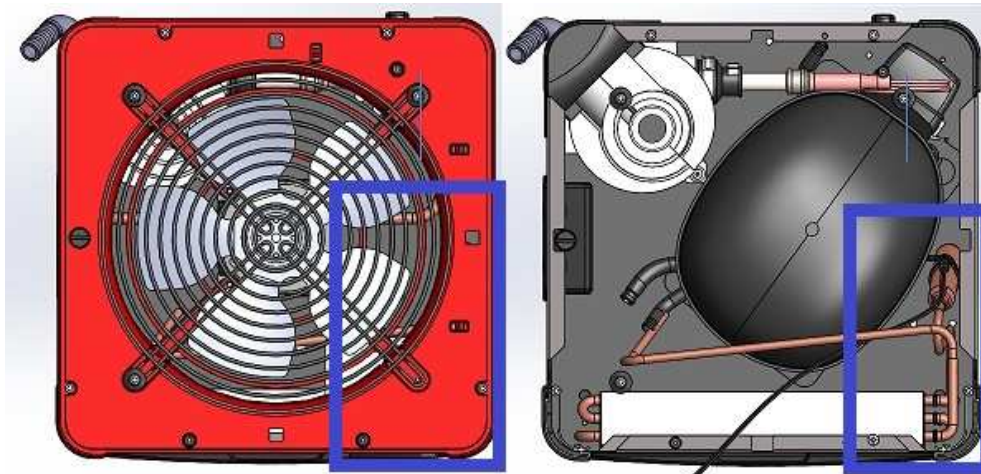
Overheating probe comes from drier filter.

Don't disconnect water probe wires from green connector.



STEP n. 7

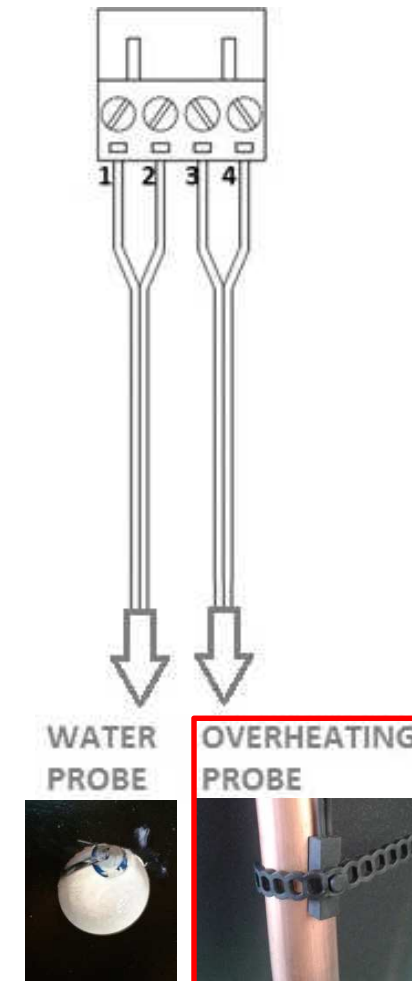
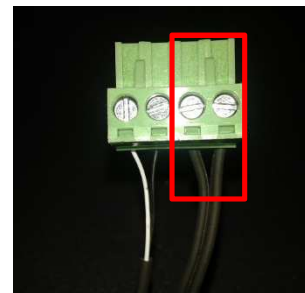
*Before replacing overheating probe, wait for compressor and other parts to stop to be hot.
Then remove the old overheating probe from the drier filter and place the new one.*



STEP n. 8

Connect the new probe wire to the green connector using the screw-driver.

Take a new black plastic clamp and pinch the probe cable around the exchanger's pipe insulation, as showed in the picture.



STEP n. 9

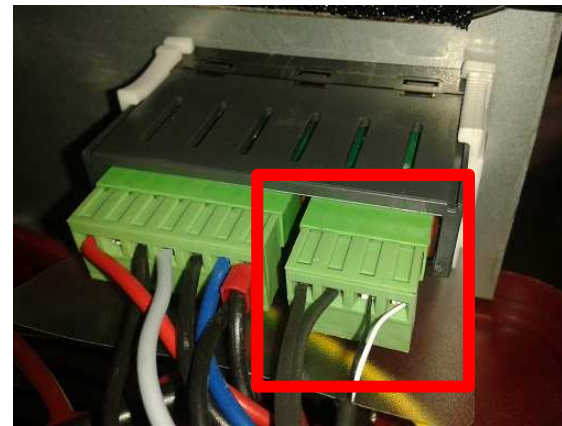
Disconnect the compressor connector, heater connector and probes connector.



*Compressor
connector*



*Heater
connector*



*Probe
connector*

STEP n. 10



Take the fan support Assembly.

Reconnect all connectors (compressor connector) and fix it at the chiller's body.

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

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*