

***TK GUIDELINE***

***WATER PROBE  
REPLACEMENT***

**MODELS :**

***TK3000 – TK6000 – TK 9000***

[www.tecoonline.com](http://www.tecoonline.com) | [www.tecous.com](http://www.tecous.com)

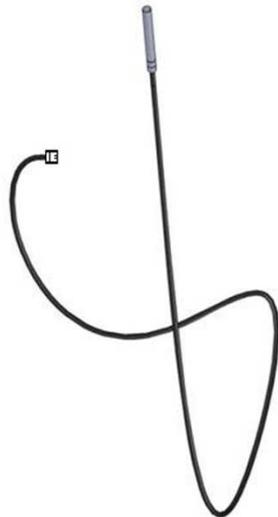
# EQUIPMENT



*Screw-drivers*



*7 black clamps*



*Thermostat Probe  
with white connector  
(spare part)*

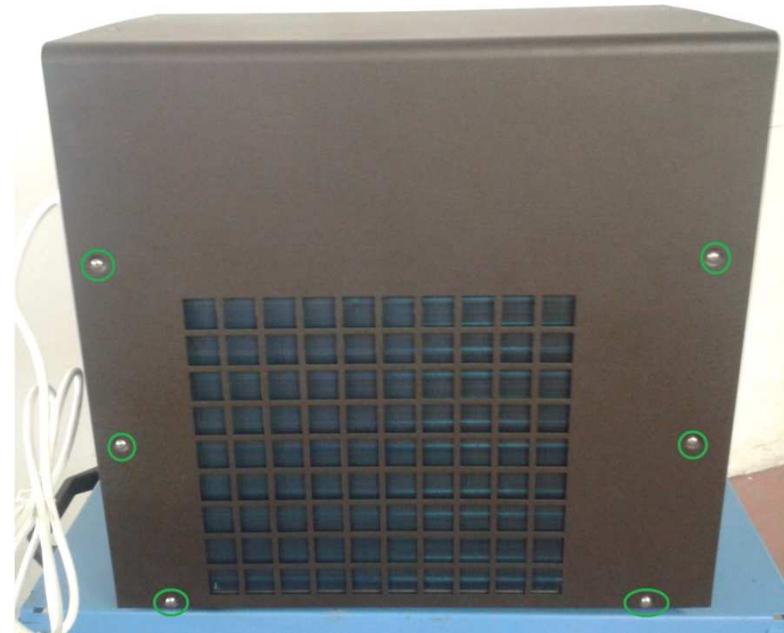
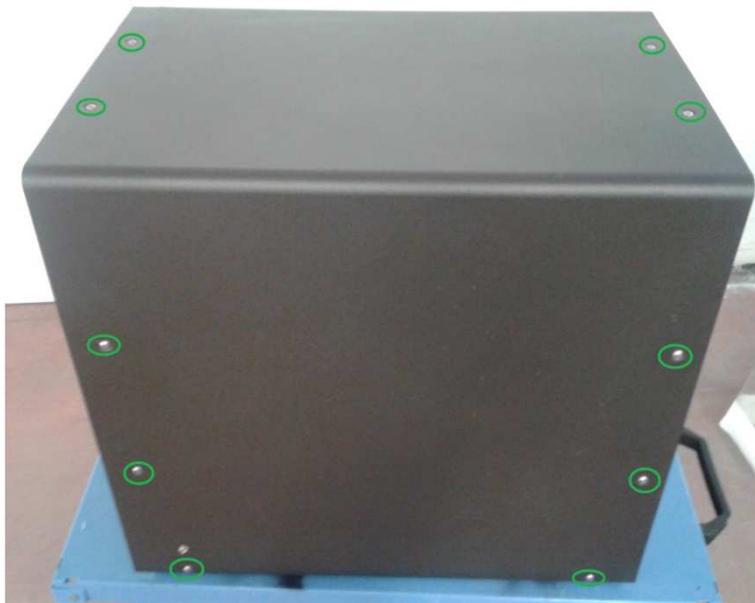


*Tongs*

# STEP n. 1

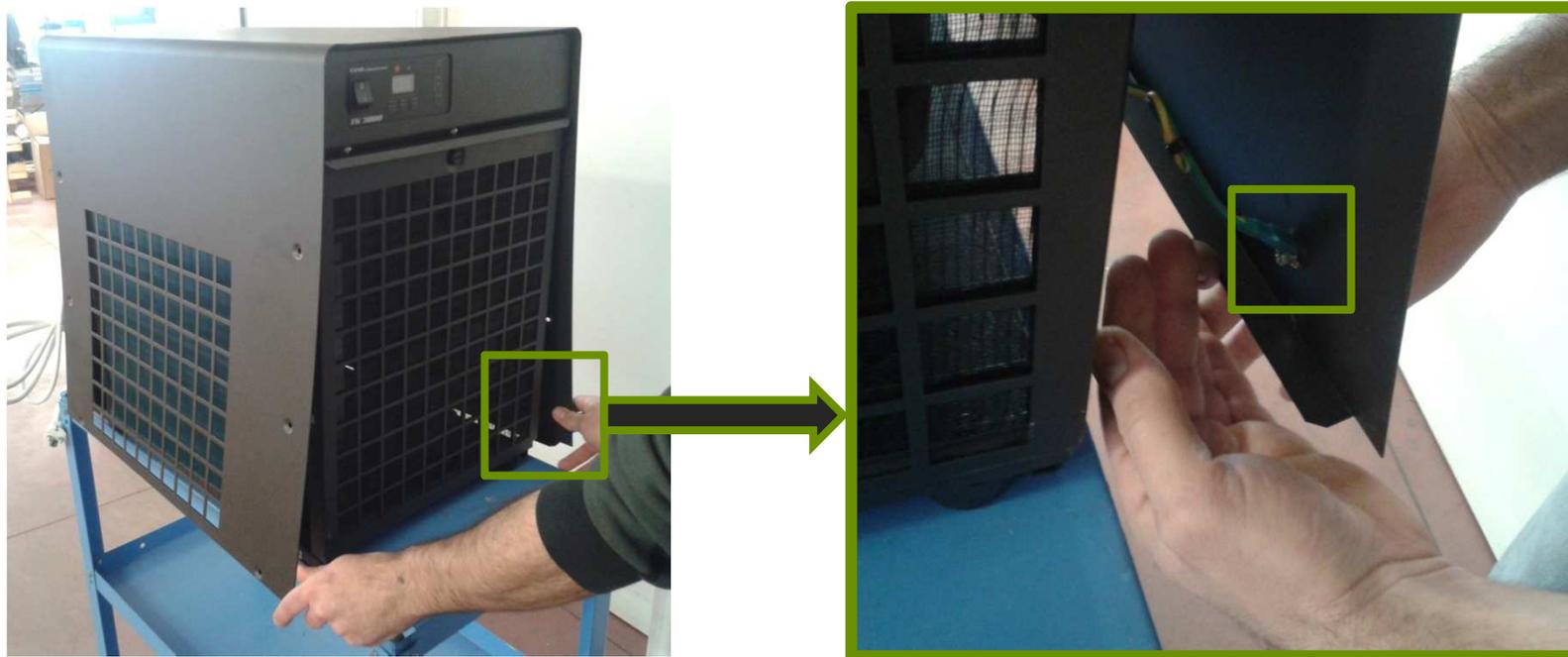
*Disconnect the chiller from power supply.*

*Using the screw-driver, remove the screws indicated in the picture here below (n°16 screws).*



# STEP n. 2

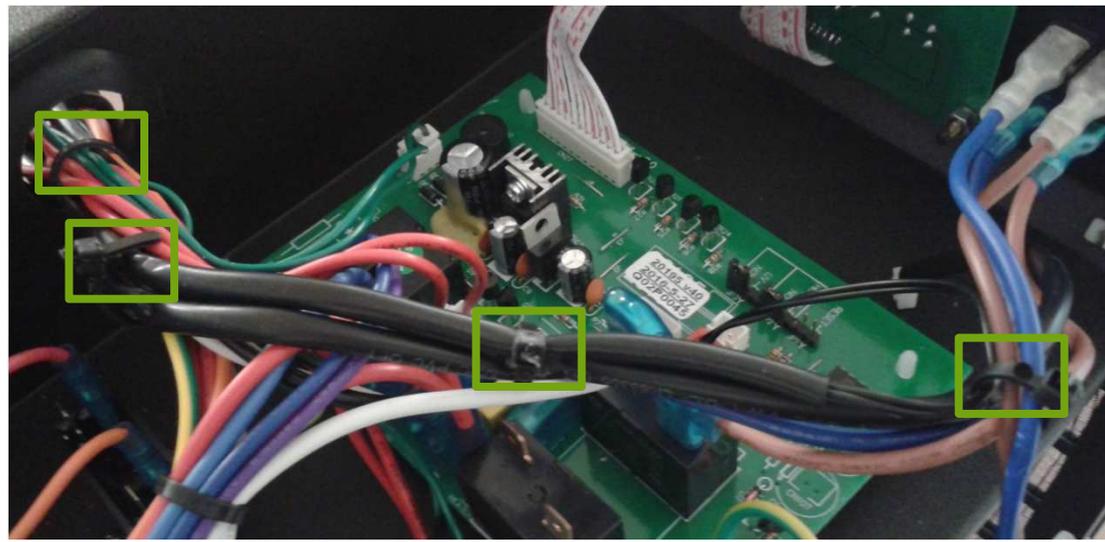
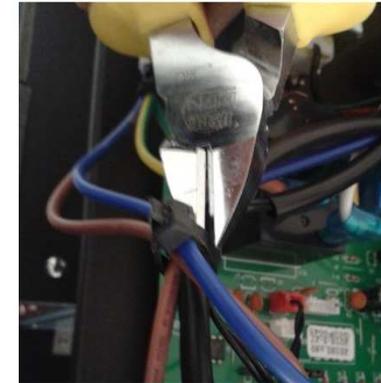
*Disconnect ground wire from the cover  
Remove the cover*



# STEP n. 3

*Disconnect the white probe connector from main board.*

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





# STEP n. 5

*Remove the ring nuts and the two screws.*

*Remove the metal black clamp.*

*Push the blue joints through holes*



# STEP n. 6



*Remove the rubber cap positioned in the chiller's bottom side.*

*Remove the black probe's insulation.*

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



# STEP n. 7

- *Insert the new probe inside the exchanger. The probe has to touch the pipe's end part.  
Take the probe's insulation and put it on the probe's hole.  
ATTENTION: there must not be any air leakage !!*
- *Insert the cap in its place.*
- *Place probe wire in the small passage under exchanger.*



# STEP n. 8

- Place the exchanger in the correct position inserting blue joints in the holes.
- Screw both ring nuts
- Place the big clamp around the exchanger and fix it to chiller metal wall



# STEP n. 9

- *Insert probe cable in circular passage*
- *Connect new probe connector to main board*
- *Take new seven black plastic clamps and pinch the probe's cable with the other cables as it was at the beginning*
- *Place the chiller cover in its position and then place the sixteen screws to close the chiller.*

*ATTENTION: remember to connect ground wire to the cover before closing the chiller.*

