

Disclaimer: This repair instruction is only intended for persons who are competent enough to carry out the repair themselves. During the execution of the repair, make sure that the power supply to the device in question is switched off at all times, always wear the necessary personal protective equipment and consider your own safety. If expertise is lacking or if there is any doubt, Thetford recommends contacting the dealer or service centre to have the repair carried out there. Thetford renounces explicitly all responsibility and accountability for damages direct or indirect resulting from repairs, installations, maintenance, use or troubleshooting executed by anyone other than our designated Service Partners, dealers or/and OEM'S.

Contents:

- 3 x 7 cm heat resistant tape (1 strip is spare)
- 1 x messing shim
- Instructions

THETFORD

Modification instruction

Refrigerators
Absorbion refrigerators
N3140-series

Modification-kit Item: 691886

****Turn off unit and wait until CU is cooled down****

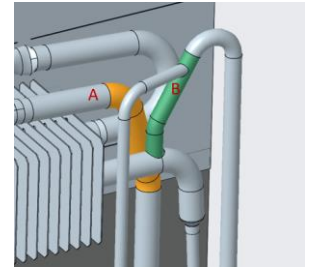
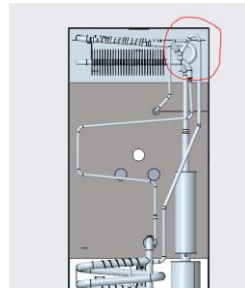
Warning:

- Only use provided heat resistant tape!
- Use “protective” gloves when executing modification, messing shim can be sharp.

A

Situation:

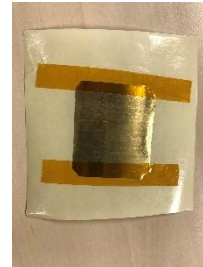
Tubes A & B touching each other



B

Materials needed:

Messing shim +
heat resistant tape



C

Locate point of contact



D

Carefully remove the messing shim from the paper, be carefull that the tape doesn't stick or curl up to itselfs when removing the shim from the paper.

Repair instruction

N3000 refrigerators

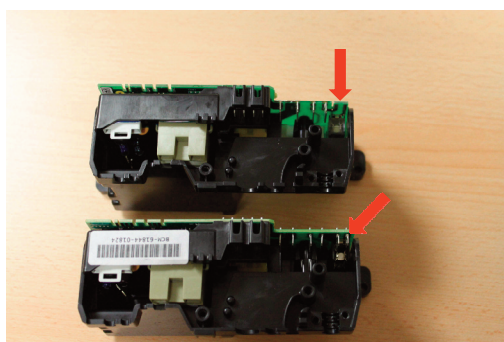
Installation conversion cable 230 VAC

Used with powerboard kit LED and LCD

Repair kit LED: 691138, repair kit LCD: 691139

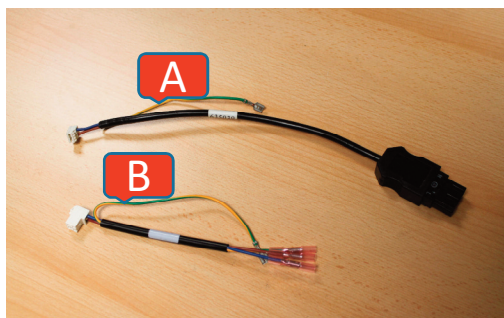
A

Here you can see the differences between the 230VAC connections on the powerboards.



B

A: Connector with flat connection.
B: Connector to convert from type A to B



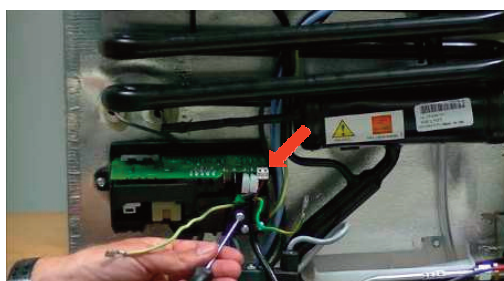
C

remove the cover from the powerboard



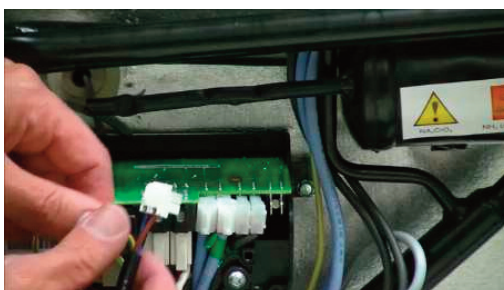
D

remove all connectors and replace the old board for the new one (see the differences between the 230 VAC connectors)



E

Install new powerboard and connect all the connectors again. Now you need the conversion cable for the 230 VAC.



Repair instruction

N3000 refrigerators

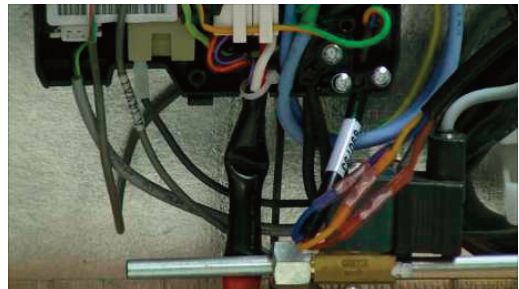
F

Cut the old 230VAC connector just under the connector itself.



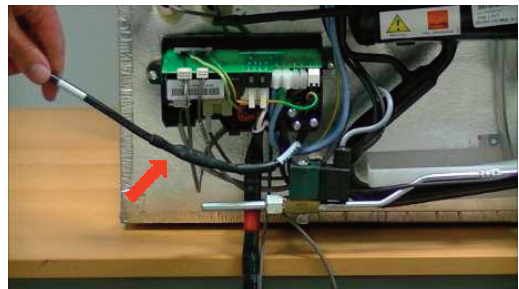
G

Strip the wire and connect the colours to the same colours on the new cable. Squeezing the cable connectors and heat them.



H

Slide the shrink tube over this cable connectors and heat this until the glue is visible at the ends of this tube.



I

Replace the power board cover.



Repair instruction

Refrigeration
Absorption Refrigerators
N3000 Series

SR Battery pack 69022507/69022527

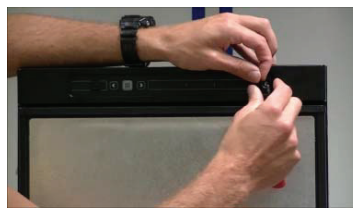
A

Remove the batteryhatch (dummy)



B

Remove the sticker with a small flat screwdriver



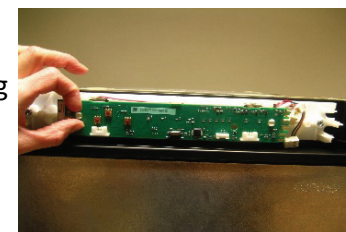
C

Unscrew the control panel



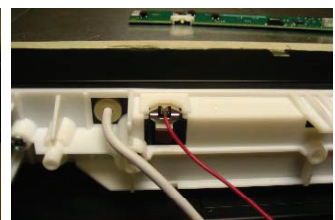
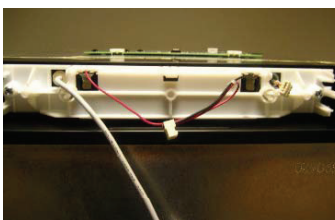
D

Remove the displayboard by pushing the white knobs together



E

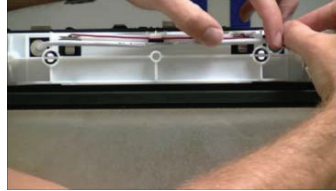
Slide the connectors of the battery cable through the technical panel.



Repair instruction

F

Make sure the cables are positioned in a proper way



G

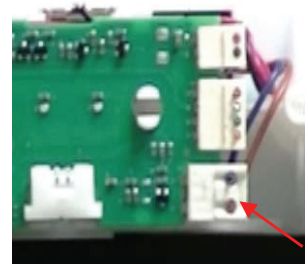
Put back the old displayboard



H

Connect all the connectors to the displayboard

Note: connector that is pointed out is only for models with 2 doors



I

Follow steps C-B-A to complete the fridge

J

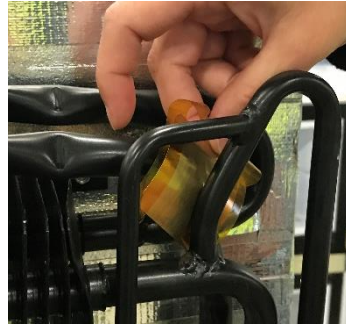
Put the new battery pack with AA batteries in place

Note: don't use rechargeable AA batteries



E

Position the messing shim between touching tubes. If necessary, separate the tubes a little bit



F

When the shim is in place, wrap the tape on both edges around the tube to securely attach the shim to the tube



G

Result

