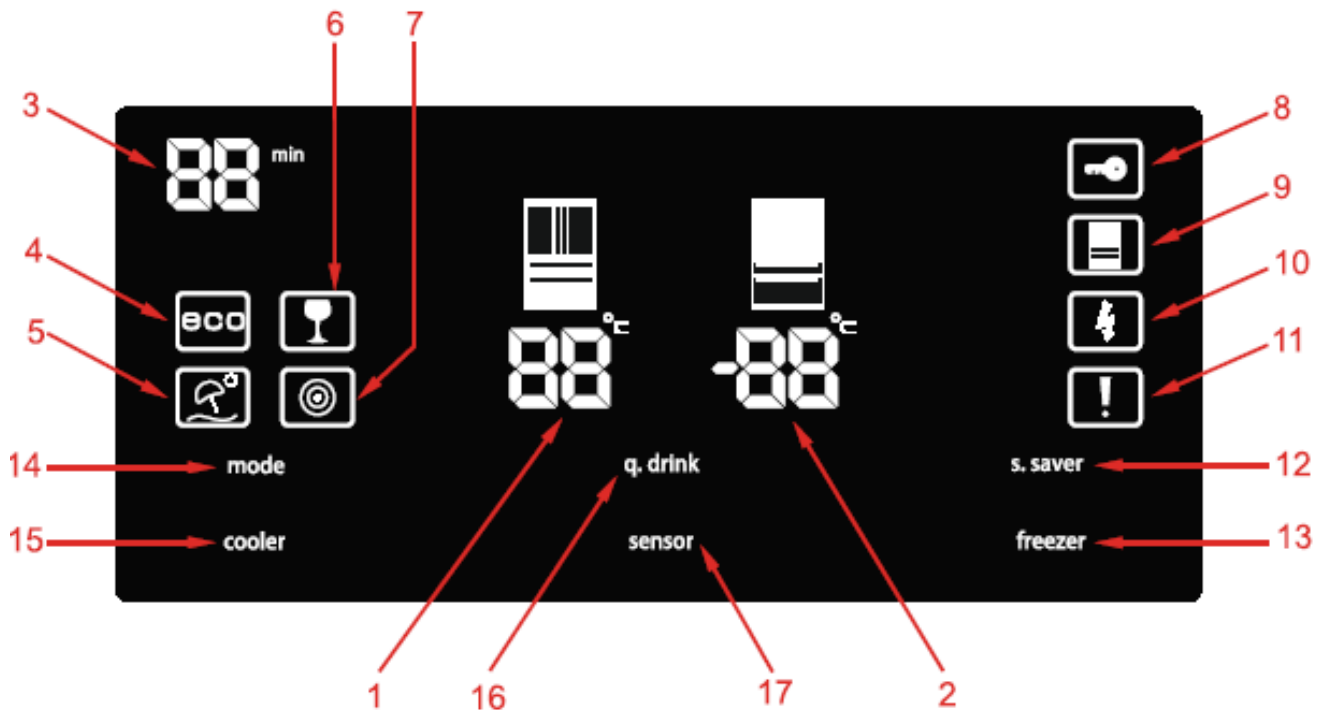


- 1) Cooler Compartment
- 2) Fridge compartment shelves
- 3) Cheese-Butter shelf covers
- 4) Cheese, butter shelf
- 5) Door shelves
- 6) Door bottle shelves

- 7) Eggcups
- 8) Chiller (breakfast) compartment
- 9) Crispers
- 10) Freezer top basket
- 11) Freezer bottom basket
- 12) Freezer hidden basket

## Display and control panel



1. Fridge Compartment Temperature indicator
2. Freezer Compartment Temperature indicator
3. Qdrink alarm counter
4. Economy mode
5. Holiday mode
6. Qdrink light
7. Night sensor indicator
8. Child lock
9. Dealer-Demo mode
10. Low voltage warning
11. Alarm
12. Screensaver button
13. Freezer
14. Mode button
15. Cooler
16. Qdrink mode
17. Night sensor button

The values on the screen indicate temperature values specified by the consumer.

## Beverage cooling



[q.drink] button should be pressed to activate beverage cooling mode. Each press will increment the time for 5 minutes up to 30 minutes, and then it returns to zero.

You can view the time zone you want to set on [Qdrink alarm counter] section. Qdrink mode only lets the refrigerator release an audible alert after a specific period.



**Important: It should not be confused with cooling.**

You must adjust the time according to the temperature of the bottles before you put them in freezer compartments. For example, you can set the time as “5 minutes” in the beginning. After this time, if the cooling is insufficient, you might set another 5 or 10 minutes. While using this mode, you must check the temperature of the bottles regularly. When the bottles are cool enough, you must take them out of the appliance. If you forget bottles in Q.DRINK mode, bottles may explode.

## Economy mode



It ensures that your refrigerator runs within ideal temperatures. In order to activate “ECO” mode, you should just press [mode] button until “eco and e” light is on.

## Holiday mode



It is represented by an umbrella and sun. If you will go to holiday for a long time during which you will not use cooler compartment, you may activate this mode. To switch the appliance to holiday mode, you should just press [mode] button until “holiday symbol and H” light comes on.

## Quick freezing (SF SUPERFREEZE)

You should press on [freezer] button until "sf" letters are displayed on the display. Once “sf” letters are viewed, a beep sound will be released if you press no button and the mode will be selected. You can use this mode to freeze prepared meals or freeze large amounts of food quickly. Quick freezing mode will automatically be deactivated after 24 hours or once the freezer compartment temperature sensor feels sufficient temperature.

## Quick cooling (SC SUPERCOOL)

Press cooler button until “sc” letters are viewed on the display. Once “sc” letters are viewed, a beep sound will be released if you press no button and the mode will be selected. You can use this mode to cool prepared meals or cool large amounts of food quickly. Quick cooling mode will be automatically cancelled after 4 or 6 hours depending on the environmental temperature or when the cooler compartment reaches a sufficiently low temperature.

## Cooler (cooler)

It is used for temperature setting of cooler compartment. By pressing [cooler] button, you can set the values of cooler part to 2, 3, 4, 5, 6, 7, 8 Celsius temperature values.

## Freezer (freezer)

It is used for temperature setting of freezer compartment. By pressing [freezer] button, you can set the values of freezer part to -16, -17, -18, -19, -20, -21, -22, -23, -24 Celsius temperature values.

## Child lock (Key Symbol)

In order to activate child lock, you need to press [cooler]+[freezer] buttons simultaneously for 5 seconds. When the child lock is active, other buttons will be deactivated, and therefore changing the settings you have made will be prevented. In order to deactivate child lock, you, again, need to press [cooler]+[freezer] buttons simultaneously for 5 seconds.

## Screensaver (s. saver)

Thanks to this function that is activated when you press [s.saver] button for 3 seconds, you save energy by utilizing digital indicator panel with its lights off. In order to deactivate the mode, repress [s.saver] button for 3 seconds.


## Night sensor

Thanks to this function that is activated when you press [mode] and [s.saver] buttons for 3 seconds, your refrigerator's lights will be OFF in case of sufficient illumination, therefore you will save energy.

## Dealer Demo mode

It is a mode used by service and not related to the use of refrigerator.

## Alarm

 Once an alarm light comes on, you should contact a service. If you press [s.saver] button when there is an alarm and an exclamation mark on the display, the alarm sound will turn off, however the exclamation mark will stay on the digital indicator panel until error is fixed.

## Compartment On-Off mode

You can wholly cancel compartment you do not need or want by checking through indicator panel.

In order to turn off the cooler, hold [mode] and [cooler] buttons pressed simultaneously for 5 seconds, and all figures indicating the part turned off will disappear on the digital indicator panel.

In order to reactivate the turned-off compartment, use the same combination of buttons.

## Demo Mode

This mode will be use for only sales points by salesman to show functions & modes to customer without operating components as a compressor, fan, motor..Etc.

### Entering Demo mode:

Firstly the power is on , secondly within 3 minute user Push [q.drink] button continuously, During this time, open and close the cooler right door for 3 times, Then appliance will go on “demo function” and Door light open Symbol will light during the mode.

- All functions can be adjusted to show how they are adjusted to the customer.
- Durig the demo mode; to show the alarm symbol , at the 3th. pushing of the mode button alarm symbol will be active.

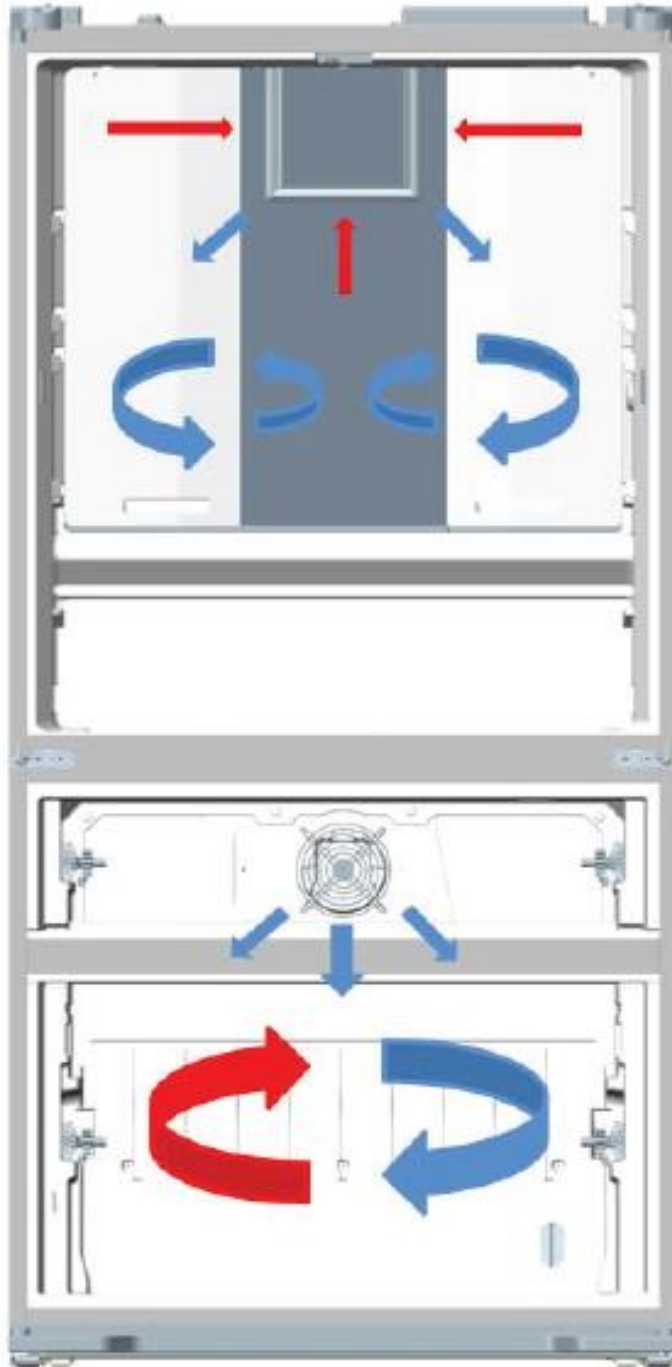
### Canceling Demo mode:

For cancelling; Same operation will be used. If user will push [q.drink] button continuously, During this time, open and close the cooler right door for 3 times, demo function will be cancelled.

When appliance is Demo mode; if plug is removed or there is an electricity breakdown; demo mode will continue with current settings after user plug into or electricity breakdown finish.



## Flow of Air



 Blow cold air

 Returning hot air

## SERVICE MODE

### Entering service mode :

Push cooler button continuously. During this time, open and close the cooler right door for least 3 times. The appliance will enter service mode 3 sec. late.



### During service mode :

Buzzer will sound beep for 0.1 sec. each 5 sec. during service mode.

Temperature segments will show error codes, (service mode reaction). Symbols will be OFF.

The service man will be able to choose functions that are listed on the next page.

Service man has 4 functions to select these.

These functions are activated by pushing Quick Drink button one by one.

Service man will cancel mode selection if he waits without pushing button on the 5th



## 1. When push «q.drink» once; Starting program

Economy symbol in display will blink during mode.

Freezer temperature segment will light while components are being checked.



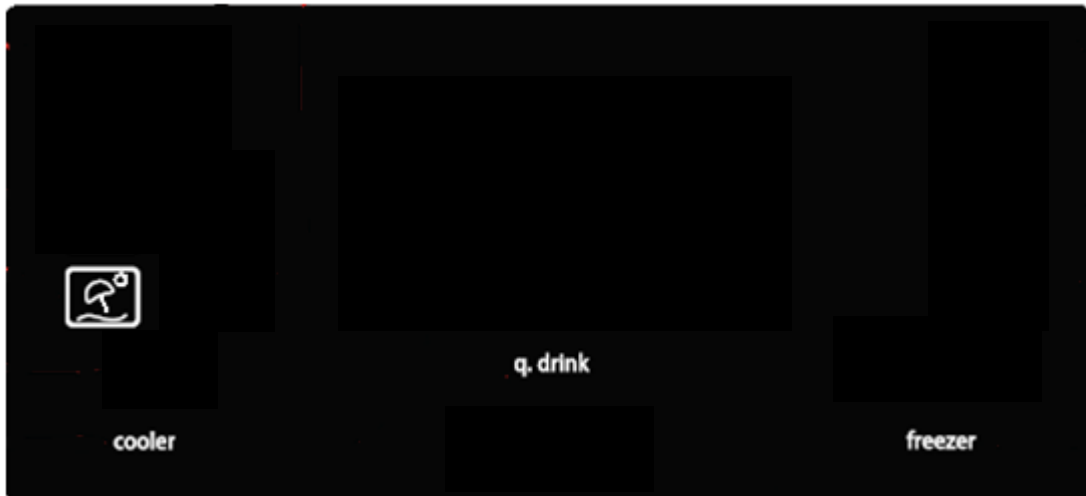
- [01] will light when refrigerator fan is ON
- [02] will light when FRE fan motor is ON
- [04] will light when compressor is ON
- [06] will light when refrigerator resistance is ON
- [07] will light when R&Su heater is ON
- [08] will light when Trizbar heater is ON
- [09] will light when Refrigerator Frame heater is ON
- [10] will light when Acu heater is ON
- [11] will light when balance heater is ON
- [13] will light when Refrigerator Air Duct heater is ON
- [14] will light when FRE fin evap heater is ON
- [17] will light when middle bracket heater is ON

As starting program finishes, first symbol will be OFF.  
Appliance will return to first service mode reaction.

## 2. When push «q.drink» twice; Forced defrost and forced canceling of defrost

Holiday symbol will blink during mode.

Mode can be canceled manually or automatically.



Manual canceling will be done by pushing cooler button.

Symbol will be OFF if defrost is canceled manually.

Appliance will return to first service mode reaction.

## 3. When push «q.drink» third times; Forced opening and closing of valve

The display will be lighted as the following during mode



If service man push freezer button, valve will give way to other side and a click is heard from the back of the refrigerator when the valve changes the way. Compressor will run during this mode.

Manual canceling will be done by pushing cooler button. Symbol will be OFF and valve return to first condition. Appliance will return to first service mode reaction.

#### 4. When push «q.drink» four times; Displaying actual temperatures in compartments

Sensor symbol will blink during mode.

The service man could change the function by pushing the freezer button.



[01] segment will show cooler sensor actual temp.

[02] segment will show freezer sensor actual temp.

[04] segment will show freezer defrost sensor actual temp.

[06] segment will show RDS sensor actual temp.

[07] segment will show AT sensor actual temp.

If the service man pushes the cooler button, function will be canceled.

The appliance will return to first service mode reaction

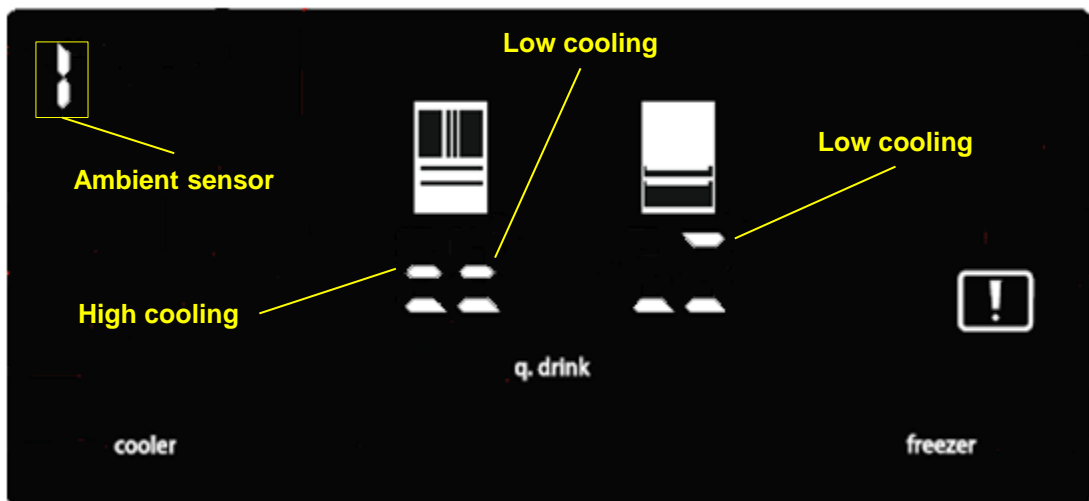
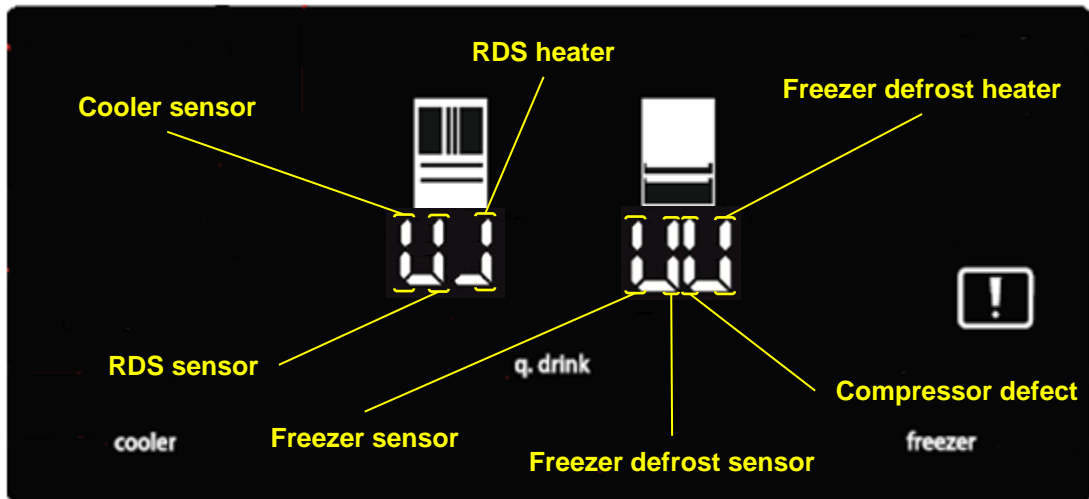
If service man does not push any button in 5 min, mode will be canceled.

The appliance will return to first service mode reaction

#### 5. When Push «q.drink» five times; Empty. No function is set

## USER AND SERVICE MODE ERROR MESSAGES

### Alarm symbols on display



### Component defect

ERROR	DETAILS
Compressor Defect	D sensor temp $> -8^{\circ}\text{C}$ (D sensor temperature unchanged for 10 min. continuous compressor run and valve position is outlet -2)
Defrost Heater Defect	If D sensor $< 0^{\circ}\text{C}$ after 90 min defrost started
Serpentine Defect	RDS $> -2^{\circ}\text{C}$ (RDS temperature unchanged for 10 min. continuous compressor run and valve position is outlet-1)

### Low voltage error on display

DEFECT TYPE	DETAILS
Low voltage	Power supply $< 170$

## Cooling error :

### Freezer compartment

**NOTE:** To prevent the wrong alarms, this alarm status is disabled on following conditions:  
During the first 6 hours after the product was firstly connected.  
During the defrost period  
During the first two hours after a defrost  
During the first 2 hours that one of the doors was open.

ERROR	DETAILS
F sensor > -5 C	Freezer compartment is not cool enough
R sensor >25°C and if Holiday mode is not active	Refrigerator compartment is warm
R sensor <-8°C	Refrigerator compartment is so cool
F sensor > -5°C and R sensor >25°C and if Holiday mode is not active	Freezer and Refrigerator compartment both are not cool enough

### Refrigerator compartment

**NOTE:** To prevent the wrong alarms, this alarm status is disabled on following conditions:  
During the first 6 hours after the product was firstly connected.  
During the defrost period  
During the first two hours after a defrost  
During the first 2 hours that one of the doors was open

ERROR	DETAILS
F sensor > -5 C	Freezer compartment is not cool enough
R sensor >25°C and if Holiday mode is not active	Refrigerator compartment is warm
R sensor <-8°C	Refrigerator compartment is so cool
F sensor > -5°C and R sensor >25°C and if Holiday mode is not active	Freezer and Refrigerator compartment both are not cool enough

## Replacement of Night Sensor

1. Unscrew the screws fixing the right top hinge cover. (Fig-1)



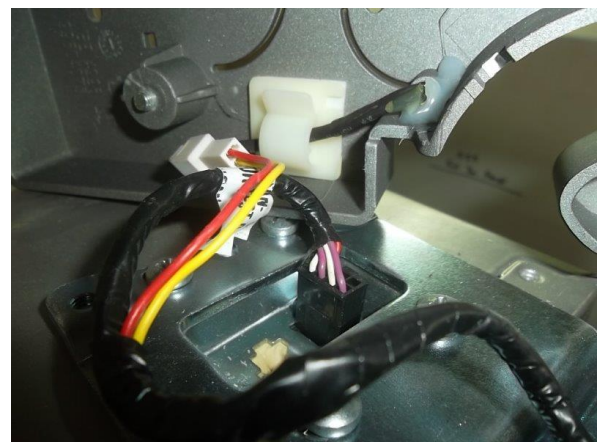
**Figure-1**

2. Disconnect the socket connection. (Fig-2)



**Figure-2**

3. Replace the previous cover to the new hinge cover and reassemble it (Fig-3)



**Figure-3**

## Replacement of Display

**Warning: Make sure the unit is unplugged**

1. Display can be removed with the disassembly tool. Do not use any sharp objects to remove the display.
2. Disassembly tool code is 42082456



3. Place and fix the disassembly tool on to display and pull to take out the display.



4. Take out the display cable socket.



5. Back view of the display card



6. Connect the display cable, place and fit the display card and push until the holders are placed.



6. Check if there any elevation around the corner.



## Replacement of Main Board

**Warning: Make sure the unit is unplugged**

1. Remove the mainboard cover screws placed at the top of the unit and take the



2. Remove the connection sockets carefully and remove the mainboard.



3. Replace the mainboard.



4. Connect the sockets



5. Tidy up the cables, place the cover and fix the screws.



## Replacement of Led Strip (inside of the door)

1. Led lightning at the inner side of the door plastics are shown at below picture.



2. Remove the screws



3. LEDs at the inner side of the doors are fixed with double sided tape.



4. Remove the led strip sticker with a sharp tool.



5. Take out the socket and remove the led strip.



**Note: Carefully connect the bottom door led sockets. If the sockets wont connect carefully or connected upside down the led will not operate.**

## Replacement of Refrigerator Multiflow and the LEDs

1. Take out the glass shelves
2. Remove the fan motor cover and fan motor as described at previous sections.



3. Remove the led lightning sockets located at the left and right side as shown at the below pictures.



4. Hold and pull the air duct resistance socket.



5. Airduct is fixed with holders from both left & right side. To remove the airduct start to pull from the upper side and release the airduct from the holders.



6. Remove the air duct

7. Inner view of the air duct is below.

8. And LEDs could be changed



**\*\*\* In case of any fault at resistance, leds or plastic holders; replace the whole airduct with grouped code.**

## Replacement of Refrigerator Fan Motor

1. Remove the upper glass shelf.
2. Pull towards the fan motor cover placed on the air duct as shown below.



3. Then shift and remove the cover.



4. Remove the fan motor fixing screw and takeout the fan motor.



5. Hold and pull the fan motor socket as shown at the below picture.



**\*\*\* There is a radial type fan used in this product which works with DC 12 Volts.**

**Cables;**

**Red Cable (+)  
Blue Cable (-)  
Black Cable (for signal)**

## Replacement of Sensors

**Ambient Sensor is placed at the left top of the unit.**

1- Remove the refrigerator sensor cover by pulling forward.



2- Remove the sensor by hand and remove the sensor connector.



**Refrigerator Sensor is placed at the inner left side of the refrigerator section.**

1 - Remove the refrigerator sensor cover by pulling forward.



2- Remove the sensor by hand and remove the sensor connector.



**Note: Make sure that cover holder details not broken while removing/placing.**

## Replacement of Upper Doors

1. Unscrew the screws fixing the left and right top hinge cover. (Fig-1.1 / Fig1.2)  
Open the door (about 30°) and remove the hinge covers.



**Figure-1.1**



**Figure-1.2**

2. Disconnect the socket connections. (Fig-2.1 / Fig-2.2)



**Figure-2.1**



**Figure-2.2**

3. Unscrew the screws fixing the top hinges and remove it. (Fig-3.1 / Fig-3.2)



**Figure-3.1**



**Figure-3.2**

4. Remove the refrigerator doors by lifting them up. (Fig-4.1 / Fig-4.2)



**Figure-4.1**

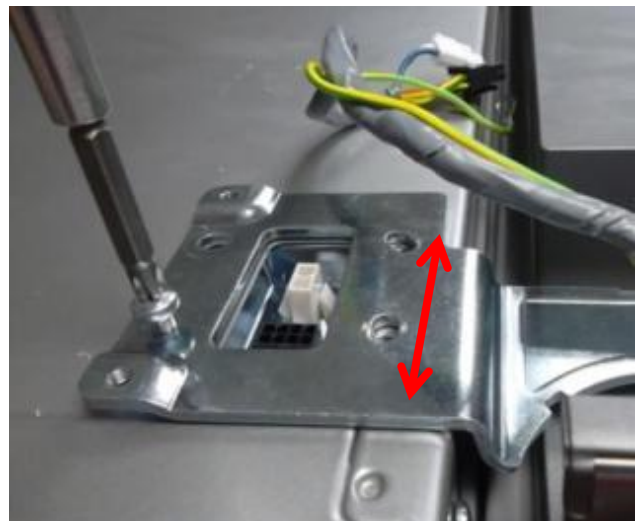


**Figure-4.2**

**Note-1:** To reassemble the doors basically repeat the previous steps backwards. (Steps:4-3-2-1).

**Note-2:** After installing the upper doors , carefully connect the sockets around hinge area.

**Note-3:** Three out of Four screw sockets are slotted to let door adjustment.



## Replacement of Trizbar

Trizbar is placed on the upper left door. There are two sliding connection point at the top and bottom of the trizbar. There is a DC 12V resistance inside the trizbar. Trizbar should have replaced as a group.

1. Hold the trizbar as showed and lift with both hands for dismantling.



2. Resistance socket is at the upper connection point.



3. Trizbar pin fits to the mechanism at the upper side of the refrigerator cabinet.



4. Remove the fixing screws of the mechanism and take out from the body for replacement.



## Replacement of Door Reed Switch

There are two switches at the upper section , one at the left side other at the right side.

1. Remove the switch and holder with the help of a thin tipped screwdriver as showed below.

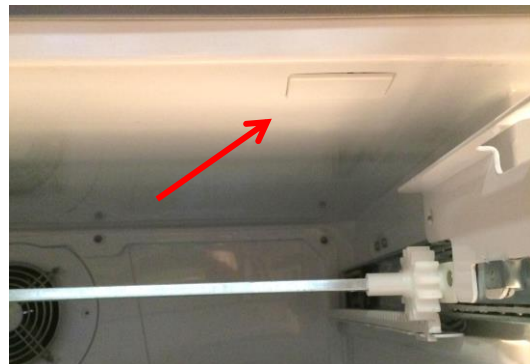


2. After removing the switch , take out the cable sockets for replacing.



**Note:** While placing the switch black part should have been at the outer side.

There are two switches at the lower sections , one at the left side and other at right side.  
Replacement method is the same with others.



## Chiller removing

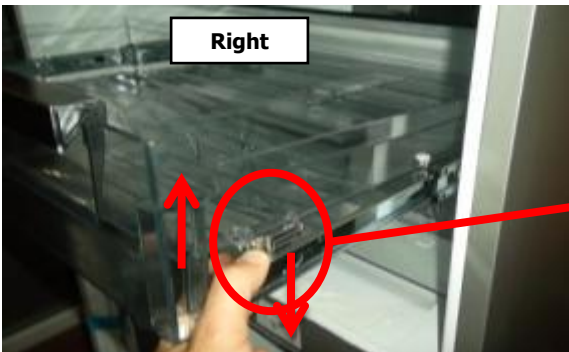
1- Open the refrigerator doors and pull the chiller towards.



2-Push the chiller upwards while pushing the telescopic rail downwards to release the holder.



3 - Push the chiller upwards while pushing the telescopic rail downwards to release the holder.



4 - After releasing the chiller from the front holders pull the chiller.



5- Release the chiller from the rail holders by pulling it towards.



## Details of front & back holders

