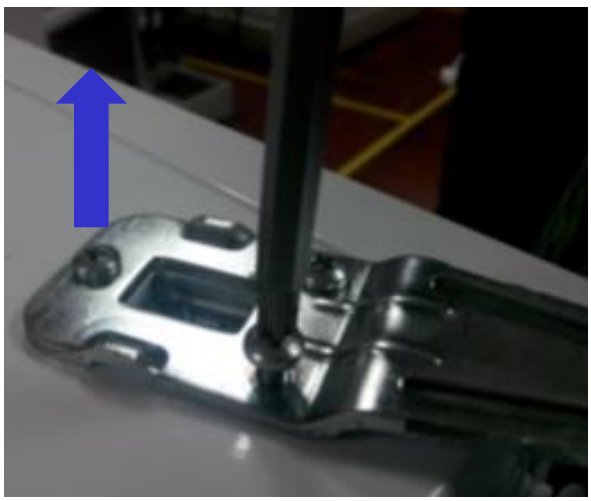
DOUBLE DOOR – 453

Reversing the door

1.Hold the top hinge cover and remove it toward that direction (Pic-1)

Picture-1

2.Unscrew the three screws fixing the top hinge and remove it. (Pic-2)



Picture-2

3. Displace the top door (Pic-3)

Picture-3

4. Unscrew the two screws fixing the middle hinge and remove it.(Pic-4)

Picture-4

5. Displace the bottom door. (Pic-5)

Picture-5

6. Unscrew the adjustable foot (Pic-6)

Picture-6

7. Unscrew the bottom hinge screws. (Pic-7)

Picture-7

8. Unscrew the bottom hinge pin and screw it to other hole. (Pic-8)

Picture-8

9. Unscrew the left bottom adjustable foot and the screws fixing roller. After that screw them to other side (Pic-9)

Picture-9

10. Screw the bottom hinge to the left bottom side of refrigerator. Screw the adjustable foot there. (Pic-10)

Picture-10

11. Unscrew the two screws fixing stopper and stopper support plate under the cooler door. After that screw the other side. (Pic-11)

Picture-11

12. Replace the top bushing and the top bushing cap at the bottom door. (Pic-12)

Picture-12

13. Remove the catcher under the top door and then stopper reinforcement plate. (Pic-13.1) First, screw stopper support plate the closest one to bigger hole. Second, screw stopper without using a cordless screwdriver. (Pic-13.2)

Picture-13.1

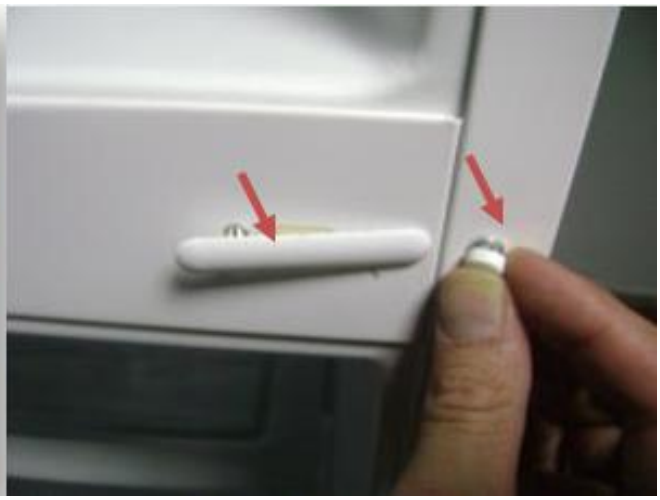
Picture-13.2

14. Remove the hinge cover on the top panel and replace to other side.(Pic-14)

Picture-14

15. Remove the middle hinge cover and then screw the screw on the side panel (Pic-15.1) and assemble to the right side panel (Pic-15.2)

Picture-15.1



Picture-15.2

16. Place the bottom door (Pic-16.1) and rotate the middle hinge by 180º. After that, Screw to the right side on the middle sheet. (Pic-16.2)

Picture-16.1

Picture-16.2

17. Place the top door to the middle hinge and then screw the top hinge to the top panel. (Pic-17)

Picture-17

18. Place the top hinge cover. (Pic-18)

Picture-18

Temperature Setting

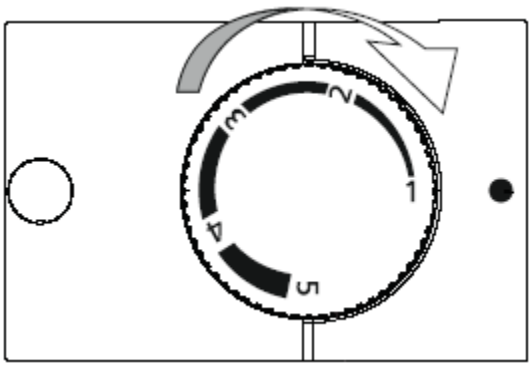
The knob in the cooler compartment is used to control the temperature of the freezer and refrigerator compartments automatically. It is represented by "•" and symbolizes the cooling degree between '1' and '5'. The cooling degree is increased as long as it is turned '1' to '5' so '5' is max, '1' is min cooling. It might be used at lower level for energy saving during winter months.

Thermostat Knob;

5 (MAX) : For freezing the fresh food fast and obtaining ice fast. Also the cooler compartment reaches to a level of max. cooling. The appliance will work longer. So after you get the maximum cold condition. It should be positioned to previous position when the foods are cool enough.

2 - 3 - 4 : For long-term storage of food in the freezer compartment, you can set the knob medium position for the best performance.

1 (MIN) : For preserving the ice cubes and cold foods and it is used for energy saving on winter season.



Manual Defrost

• Manual defrost is started when the thermostat position is changed off max-min-max. (in 5 seconds)

•After starting manually, it continues until the end of the defrost process.

- The pre-set temperature value will not change when the power goes out.

- This refrigerator is designed so as to work at all ambient temperature. Putting foods into the cooler compartment at ambient temperature below -5°C is not recommended because the cooler compartment temperature will be close by the ambient temperature so foods will be frozen. But the foods in the freezer compartment can be preserved even when below -5°C ambient temperature.

Algorithm Operation:

The compressor working schedule depends on some factors such as minimum working time and the defrost sensor. (For example the compressor works minimum 26 minutes after 180 minute's stopping time on thermostat 5 position and it stops working when the defrost sensor feels -35 °C) The working periods are different for each thermostat position from 1 to 5.

- The thermostat value should be chosen according to the frequency of opening-closing the cooler-freezer door, the amount of food being preserved in and the ambient temperature.

- After the refrigerator is plugged in first, it should be worked 24 hours non-stop for cooling totally. Please, do not often open or close the door in the meantime.

- There is a function for protecting the refrigerator when power cut and restore or plugging out-in. Thus, the refrigerator starts working five minutes later.

Unsufficient cooling	Is the appliance too close to wall or heat sources (stove, central heating, oven, cooker etc.)?	It should be placed min 50cm distance from heat sources and min 5 cm from electrical ovens.
	Is the ambient temperature high?	Raise the thermostat value.
	Check whether putting the hot foods in the refrigerator?	Put the foods after get cold.
	Is there any gas leakage in refrigerant system?	Check all welding points in the system.
The foods in the cooler compartment are freezing.	Were the foods placed close to cooling air outlet?	Please do not block air outlets
	Is the cooler thermostat value high ? Is there any hot foods close to the cooler sensor?	Decrease the cooler thermostat value and do not put hot things close to the sensor.
Are there any sweating or icing?	Were the liquid foods in the closed containers?	Put the liquid foods into the closed containers.
	Were the hot foods put into the refrigerator?	Put it into after getting cold.
	Was the refrigerator door opened?	Do not leave the refrigerator door open and do not often open or close.
Abnormal Noise	Is the appliance on the flat surface?	The floor should be straight and balance the refrigerator with the help of the adjustable feet.
	Is the compressor feet loose	Fix it.
	Is the condenser or fan stationary normal?	Fix it.
	Do the capillary tube or all other tubes touch any where?	Fix it.

The plug must be pulled out before the mainboard group is removed.

1. Unscrew the three screws which are fixing the mainboard cover by using the screwdriver. (Pic-1 / Pic-2 / Pic-3)

2. Remove the cover after the screws are removed.(Pic-4)

Picture-1

Picture-2

3. Pull the mainboard slightly forward and disconnect all the connectors and then replace it. Finally, place the mainboard cover and screw it.

Picture-3

Picture-4

The plug must be pulled out before the mainboard group is removed.

1. Stick a short tape above the thermostat box as in the Pic-1.
It protects from scratching the thermostat box. Remove the screw cap with the help of a flat screwdriver (if it's possible) .

Picture-1

2. Unscrew the screw. (Pic-2)

Picture-2

3. First, pull the rear side and remove the front side. (Pic-3)

Picture-3

4. Disconnect the cable fixing board by pressing the socket latch. (Pic-4)

Picture-4

5. Unscrew the screws on the board and remove the board. (Pic-5)

Picture-5

6. Flex the housing of the thermostat knob and remove it. (Pic-6)

Picture-6

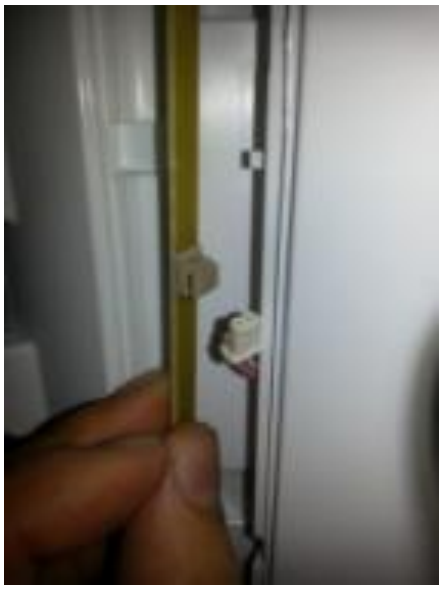
1. Stick a tape to protect plastic. Insert a flat screwdriver into the gap and remove the cover. (Pic-1)

Picture-1

2. Remove the led strip light from its housing. (Pic-2)

Picture-2

3. Disconnect the connector and change the led light strip. (Pic-3)



Picture-3

4. First, place the bottom point of the led light strip and then place towards other side.(Pic-4)

Picture-4

5. Reassemble the led cover. (Pic-5)

Picture-5

1. Remove the fan motor cover. (Pic-1)
2. Unscrew the two screws and remove the fan motor body. (Pic-2)
3. Take out the sockets and replace the fan motor (Pic-3)

Picture-1

Picture-2

Picture-3

1. Stick a tape to protect the body plastic. Flex it with the help of a tool like a slotted screwdriver. (Pic-1)

Picture-1

2. Also flex the top-side of the switch and then displace by pulling. (Pic-2)

Picture-2

3. Put the switch connector cable in the housing. First place the top-side of the switch and then push the bottom side.(Pic-3.1/Pic-3.2)

Picture-3.1

Picture-3.2

4. After the switch is placed, complete the assembly by pushing. (Pic-4)

Picture-4.1

Picture-.43.2

The bottom-top details of the switch are different from each other to avoid assembling wrong!

1. Remove the sensor cover with the help of a screwdriver and then disconnect the sensor connector. (Pic-1)

Picture-1

2. Place the bottom-front details of the cover to its housing and then place the top cover detail to the housing by flexing it with a screwdriver. (Pic-2)

Picture-2

CAUTION: Pay attention not to damage to the sensor cover details!