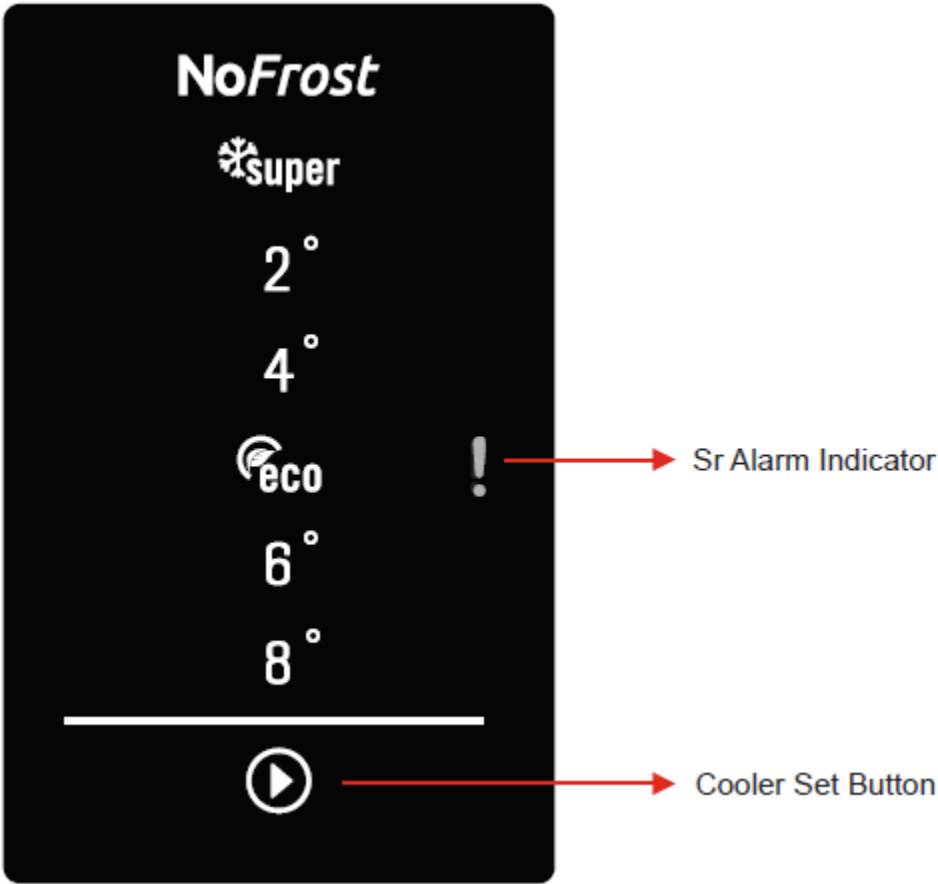


VESTEL WHITE GOODS	NO-FROST 3664 - ELECTRONIC	CUSTOMER SUPPORT
	Display and Control panel	



Cooler Set Button

It is cooler set button. The temperature of cooler compartment can be changed by this button. Super Cool and Economy mode can be activated by this button.

Sr Alarm

Sr Alarm will light red and sound alarm will be released if any problem occurs.

REFRIGERATOR COMPARTMENT TEMPERATURE SETTING and ENABLING THE FAST COOLING MODE

On the Adjustment Indicator of the Cooler Compartment, starting temperature value is shown as +5°C.
 Press the set button once.

When you click this button the current set value will flicker at the cooler compartment indicator.

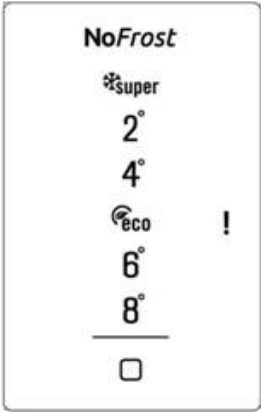
With each click of the set button while the indicator flickers, the value of the coolerCompartment Indicator changes to a colder value.

(+8°C, +7°C, +6°C, ECO, +4°C, +3°C, +2°C, SC)

When the required set value is reached, wait for 3 seconds and the indicated value will be active and your refrigerator starts to work according to this new value.

If you keep on pressing the set button after seeing +2°C (maximum cold temperature) on the Graphic Bar Indicator of the Cooler Compartment, SC letters will start to flash.

If you continue to click while SC is flashing then it will start from **+8°C**.



Recommended Temperature Settings for the Cooler Compartment:

<i>When to set?</i>	<i>Inner Temp.</i>
When little amount of food is stored	+8°C,7°C
At normal usage	+6°C,+5°C,+4°C
When a large amount of food is stored	+3°C ,+2°C
<ul style="list-style-type: none"> To cool the ready foods before consuming them To cool and store a great amount of foods To cool the drinks rapidly 	SUPER COOLING MODE

Note: “Fast Cooling” mode will be completed within **6 hours** the latest or when the cooler sensor temperature reaches deactivation value. The reason for limiting this duration is to eliminate the risk of freezing of the foods that may arise from the strong cooling characteristics of the “fast cooling” mode. If the drinks placed in the cooler compartment are excessively hot, these drinks may not reach the desired coldness when the mode is completed. In this case, the mode can be reactivated.

VESTEL WHITE GOODS	NO-FROST 3664 - ELECTRONIC	CUSTOMER SUPPORT
	THE VARIOUS FUNCTIONS AND POSSIBILITIES	

ECONOMY MODE

Freezer and Cooler Compartments operate according to the economy conditions specified on the control circuit.

When to use;

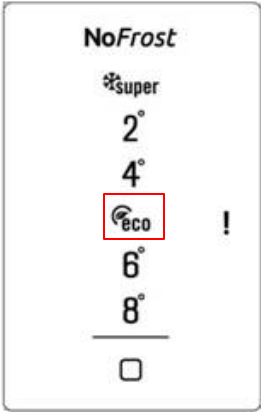
When you want your refrigerator to operate economically.

How to use;

Press the set button until Economy Mode Led lights up (3 times).

While the Economy Mode Led is flashing if no button is clicked then a beep sound will be heard and the mode will be enabled.

During this mode cooler compartment will operate at the special temperature value set on the control circuit.



During initial operation of the refrigerator;

If the defrost sensors are warmer than −5°C, then the automatic test starts. The below listed components will be tested respectively with 5 second intervals. For this reason, the refrigerator switches to normal operation mode after 30 secs.

5 secs. Defrost resistance (Al tube resistance+air channel resistance)

5 secs. Compressor is operated

After waiting for 5 min. it switches to normal operation mode.

Indicator temperatures

Indicators are LED. Only numbers can be seen. There is no bar. Default set values are and +4° C

Refrigerator Temperature (+8°C, +7°C, +6°C, ECO, +4°C, +3°C, +2°C, SC)

VESTEL WHITE GOODS	NO-FROST 3664 - ELECTRONIC	CUSTOMER SUPPORT
	SPECIAL PROGRAMS	

Defrost Program

Defrost is activated under the following conditions.

For all ambient temperatures, refrigerator will enter defrost mode at the moment when 12 hours of compressor running time.

Or ,refrigerator will enter defrost mode after 30 hours (Compressor running+Comp. Stopping time).

Duration of remaining in defrost mode:

Defrost, which is controlled by the defrost sensor, ends up when the defrost sensor temperature reaches 8° C under normal conditions.

Low Voltage Program

If the supply voltage is below < 170 V for 5 seconds or more, the low voltage program is activated and compressor, evap. fan motor, condenser fan motor, quick freezing and fast cooling functions are all stopped. If the appliance is in defrost mode, defrost function also stops.

It waits until the supply voltage reaches >180 V and when it climbs above 180 V, if the appliance is in defrost mode, it resumes from defrosting. If the appliance is not in defrost mode, it waits for 5 min. for compressor safety and resumes from the last set program.

Power Cut off Program

* When the power is cut off, all set parameters and functions (except for the child lock function) remains in the memory.

* When the power is resupplied, if the defrost sensor temperature is <-5 °C, compressor starts running after 5 minutes; if it is > -5 °C, compressor starts immediately.

* It resumes operating from the last set program.

Other Features

Door open warning shall activate after 2 minutes.

Air channel resistance: It is activated together with defrost resistance.

VESTEL WHITE GOODS	NO-FROST 3664 - ELECTRONIC	CUSTOMER SUPPORT
	COMPONENTS USED	

COMPONENTS USED

Defrost Hose resistance	220V / 154W
Thermal fuse	72 °C
Evap. Fan motor	2200 rpm ± 100rpm / 7W
(Propeller is same as 370/465)	
Main board (Power board)	Vestel Electronics BD02
Display board	Vestel Electronics BD51
Defrost sensor	EPCOS – VISHAY - GAOLI
Freeze compartment sensor	EPCOS – VISHAY - GAOLI
Cooling Compartment Sensor	EPCOS – VISHAY - GAOLI
Cooler Lamp	Led
Freezer Lamp	NO Illumination
Transformer	On the main board

Sensor (NTC) ° C / Ohm Rates

45°C/1kΩ	-1°C/6.2kΩ
35°C/1.5kΩ	-3°C/6.8kΩ
30°C/1.8kΩ	-5°C/7.5kΩ
25°C/2.2kΩ	-7°C/8.2kΩ
19°C/2.7kΩ	-12°C/10kΩ
14°C/3.3kΩ	-15°C/12kΩ
10°C/3.9kΩ	-20°C/15kΩ
5.5°C/4.7kΩ	-24°C/18kΩ
1.5°C/5.6kΩ	-31.5°C/27kΩ
0°C/6kΩ	-35.5°C/33kΩ

NTC Sensor

There are sensors: Cooling Compartment and Cooler.

VESTEL WHITE GOODS	NO-FROST 3664 - ELECTRONIC	CUSTOMER SUPPORT
	SERVICE MODE - ERROR MESSAGES	

SERVICE MODE:

Push set button for 10 seconds to start service mode.

Error codes shown on the main menu of the service mode.

There are 2 functions in the service menu.

These functions can be selected by set button.

Service mode can be cancelled by pushing set button for 10 seconds.

Service mode will be cancelled after 30 minutes automatically.

1. Push – Starting Test

SC led will blink and starting mode will start . After starting test finishes, display will return to main menu.

2. Push – Manuel Defrost

“2” led will blink and manuel defrost will start. After defrost reaches to 8° C manuel defrost will finish and display will return to main menu. (This mode can be cancelled by pushing to set button manually)

USER AND SERVICE MODE ERROR MESSAGES

There are error messages that can be seen on the screen.

These error messages are shown in the table below.

SENSOR	TEMPERATURE	USER MODE	SERVICE MODE
(1)Cooling Compartment	>+50 °C or <-50 °C Sensor is on or short circuit.	SR blinks	“6” LED LIGHTS
(2) Defrost	>+50 °C or <-50 °C Sensor is on or short circuit.	SR blinks	“8” LED LIGHTS

COMPONENT ERRORS

ERROR TYPE	DETAILS	USER MODE	SERVICE MODE
Compressor error	Defrost sensor temperature >-10°C	“SR” blinks	“4” LED LIGHTS
Defrost resistance error	Defrost sensor <0°C		“ECO” LED LIGHTS

LOW VOLTAGE ERROR

ERROR	DETAILS	USER MODE	SERVICE MODE
Low voltage	Supply voltage <170	“SR” blinks	“SC LED LIGHTS

COOLING ERRORS

ERROR	DETAILS	USER MODE	SERVICE MODE
If freezer sensor is > 15°C over 1 hour	Cooler compartment is not cold enough.	“SR” blinks	“2” LED LIGHTS

NOTE : To prevent the wrong alarms, this alarm status is disabled on following conditions:

- 1) During the first 6 hours after the product was firstly connected.
- 2) During the defrost period
- 3) During the first two hours after a defrost cycle

1. Unscrew the screw fixing the top hinge cover and remove it. (Fig-1)



Figure-1

2. Disconnect the display connector. Unscrew the two screws fixing the top hinge and remove it. (Fig-2)



Figure-2

3. Remove the refrigerator door. (Fig-3)



Figure-3

4. Unscrew the two screws which are fixing the middle hinge. (Fig-4)



Figure-4

5. Remove the freezer door. (Fig-5)



Figure-5

VESTEL WHITE GOODS	NO-FROST 3664 - ELECTRONIC	CUSTOMER SUPPORT
	CHANGING THE DOORWAY DIRECTION	

6. Unscrew the bottom hinge fixing screws and remove it. (Fig-6)



Figure-6

7. Unscrew the stationary foot of bottom hinge and screw to **Hole-1**. Unscrew the hinge pin and screw to **Hole-2**.(Fig-7)

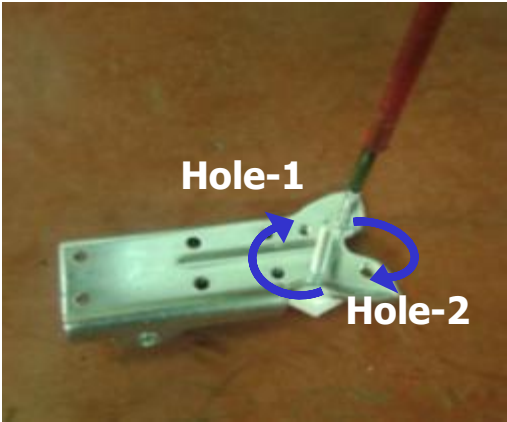


Figure-7

8. Unscrew the stationary foot and front wheel (Fig-8.1) and screw to the right side. (Fig-8.2)



Figure-8.1

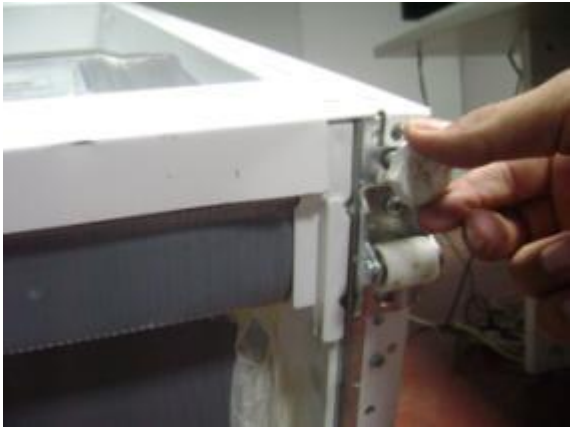


Figure-8.2

9. Unscrew the side panel support screw (Fig-9.1) and screw the bottom hinge to the left side . (Fig-9.2)

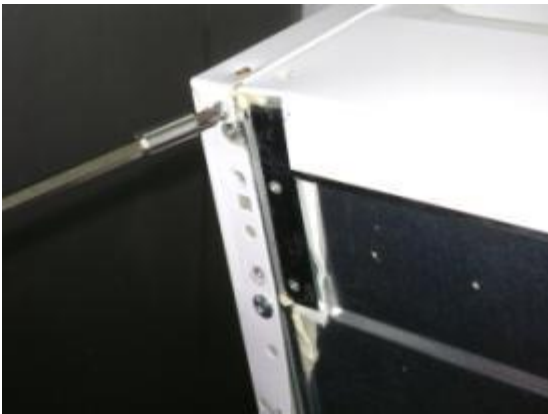


Figure-9.1



Figure-9.2

10. Remove the middle hinge cover on the left. (Fig-10.1) and insert the middle hinge cover to the right side. (Fig-10.2)

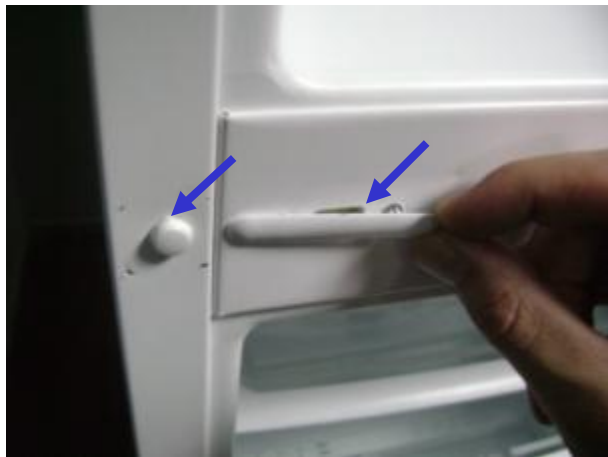


Figure-10.1



Figure-10.2

11. Replace the freezer door top bushing (Fig-11.1) and top bushing cap. (Fig-11.2)



Figure-11.1

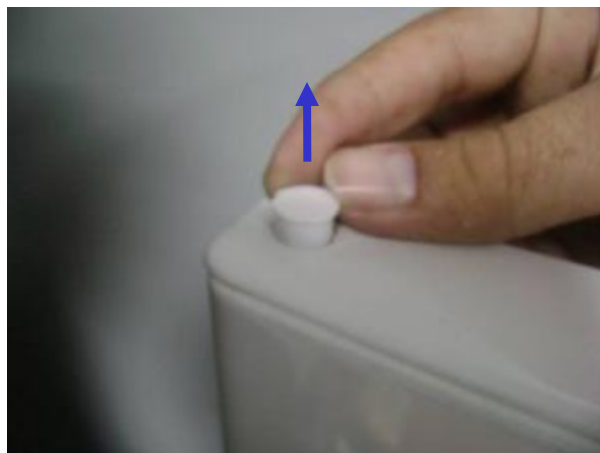


Figure-11.2

12. Remove the freezer door bottom bushing and bottom stopper and then insert them the left side. (Fig-12)



Figure-12

13. Remove the freezer door right catcher (Fig-13.1) and assemble the left catcher to the left. (Fig-13.2) (You can find the left door catcher in the user manual bag)



Figure-13.1



Figure-13.2

14. Remove the socket cover-left of the freezer door (Fig-14.1) and assemble the socket cover-right to the right. (Fig-14.2) (You can find the right socket cover in the user manual bag)



Figure-14.1



Figure-14.2

15. Assemble the freezer door. Turn the middle hinge by 180°. Fix the middle hinge by tightening the screws. (Fig-15.1) Assemble the refrigerator door. (Fig-15.2)



Figure-15.1



Figure-15.2

VESTEL WHITE GOODS	NO-FROST 3664 - ELECTRONIC	CUSTOMER SUPPORT
	CHANGING THE DOORWAY DIRECTION	

16. Remove the socket tape (Fig-16.1)and stick it on the right side. (Fig-16.2)



Figure-16.1



Figure-16.1

17- Unscrew the screw fixing the top hinge pin. Then fix left top hinge pin to left side of the top hinge. (Fig-17)
(You can find the left top hinge pin in the user manual bag)



Figure-17

18- Connect the display connector and screw the left top hinge. (Fig-18.1) and screw the hinge cover. (Fig-18.2)



Figure-18.1



Figure-18.1

VESTEL WHITE GOODS	NO-FROST 3664 - ELECTRONIC	CUSTOMER SUPPORT
	Disassembly and Assembly Instructions	

Replacement of Refrigerator Multiflow Cover

1- Remove caps and unscrew the screws shown at the picture. (Fig-1)

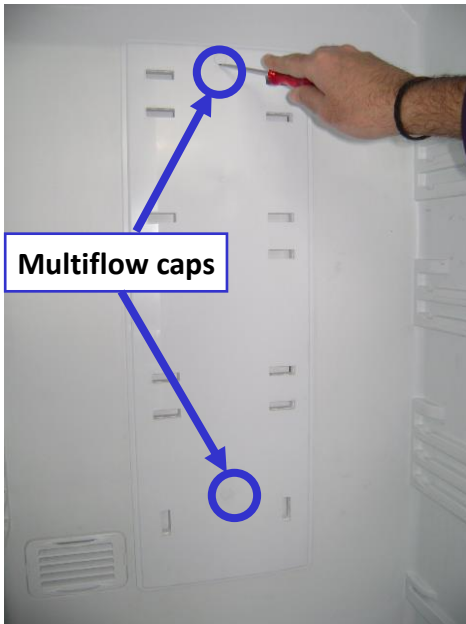


Figure-1

2- Remove the multiflow cover and sensor connector. (Fig-2)



Figure-2

Replacement of Freezer Multiflow Cover

1- Remove caps and unscrew the 4 screws shown at the picture. (Fig-1)



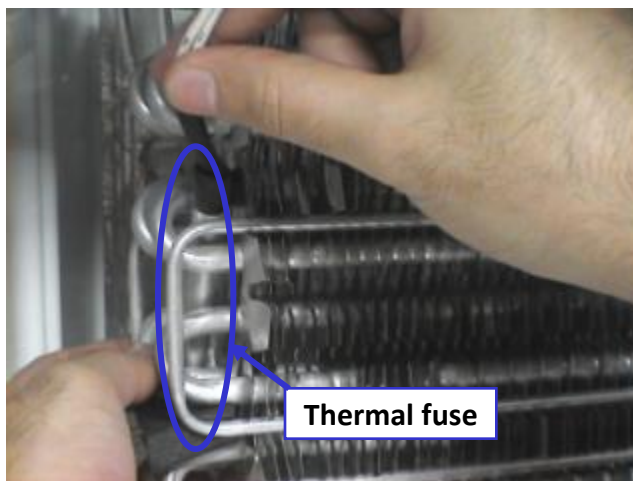
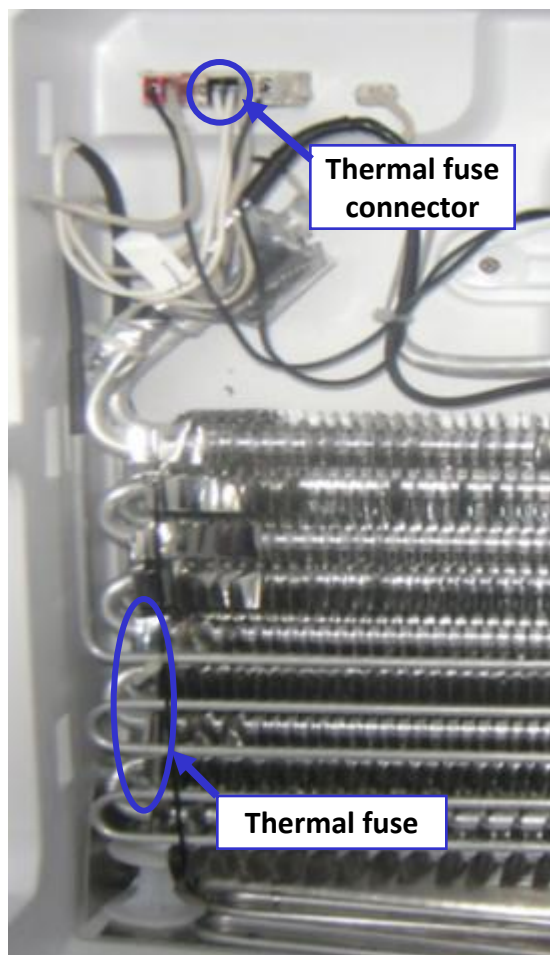
Figure-1

2- Then pull multiflow cover slightly from the bottom. (In case of icing between cover and evap, do not pull the cover with full force, slightly shake the cover to brake the icing then pull.) (Fig-2)



Figure-2

Replacement of Thermal Fuse Assy.

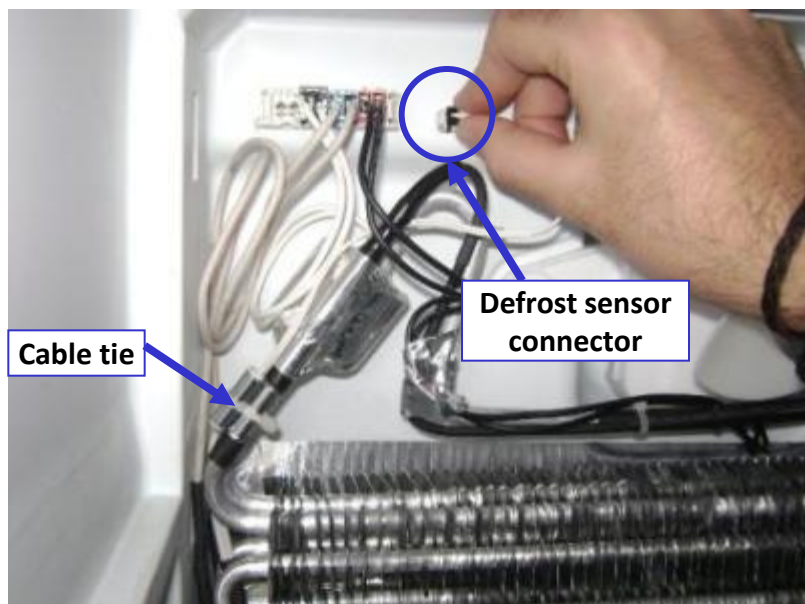


Disconnect thermal fuse connector.
(black connector)
Remove the thermal fuse by pulling it.
(mounted on the left side of the evaporator)
Take out the thermal fuse.

Note:

Be sure to replace both thermal fuse and defrost sensor, in case that thermal fuse is blown.

Replacement of Defrost sensor



Cut the cable tie.
Disconnect to defrost sensor connector.
You can take out the defrost sensor
by removing the aluminum tape on it.

VESTEL WHITE GOODS	NO-FROST 3664 - ELECTRONIC	CUSTOMER SUPPORT
	Disassembly and Assembly Instructions	

Replacement the ice cube tray holders

- 1- Remove the ice cube trays. (Fig-1)
- 2- Unscrew the 4 screws fixing the holders. (Fig-2)



Figure-1



Figure-2

- 3- Take out the holders by pulling downwards. (Fig-3)



Figure-3

VESTEL WHITE GOODS	NO-FROST 3664 - ELECTRONIC	CUSTOMER SUPPORT
	Disassembly and Assembly Instructions	

Replacement of the Door Switch



- Insert a screwdriver into the gap and pull the door switch.
- Disconnect the connectors.
- And remove the door switch.

Replacement of the Led

1. Remove the led cover .(Fig-1)
2. Disconnect the connector and remove it. (Fig-2)



Figure-1



Figure-2

Replacement of Display

1- First ,stick a tape on the corner of display to prevent any scratches. (Fig-1 / Fig-2)



Figure-1



Figure-2

2- Take out the display panel cover by using a sharp/thin tipped tool. (Fig-3)
Try to stretch it from one side, then remove it with your hand by pulling forward. (Fig-4)



Figure-3



Figure-4

3- Take out the socket from the connector and remove the display panel assy. (Fig-5)

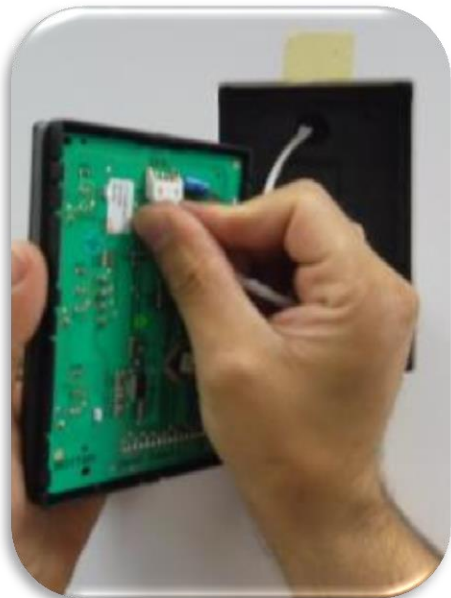


Figure5

4- Connect the sockets to the new display. (Fig-6)



Figure-6

5- Tidy up the cables before placing the display to prevent jamming. (Fig-7)



Figure-7

6- Place the display and press gently from upper and bottom corners to fit inside the display housing. (Fig-8)



Figure-8