

VESTEL
WHITE GOODS

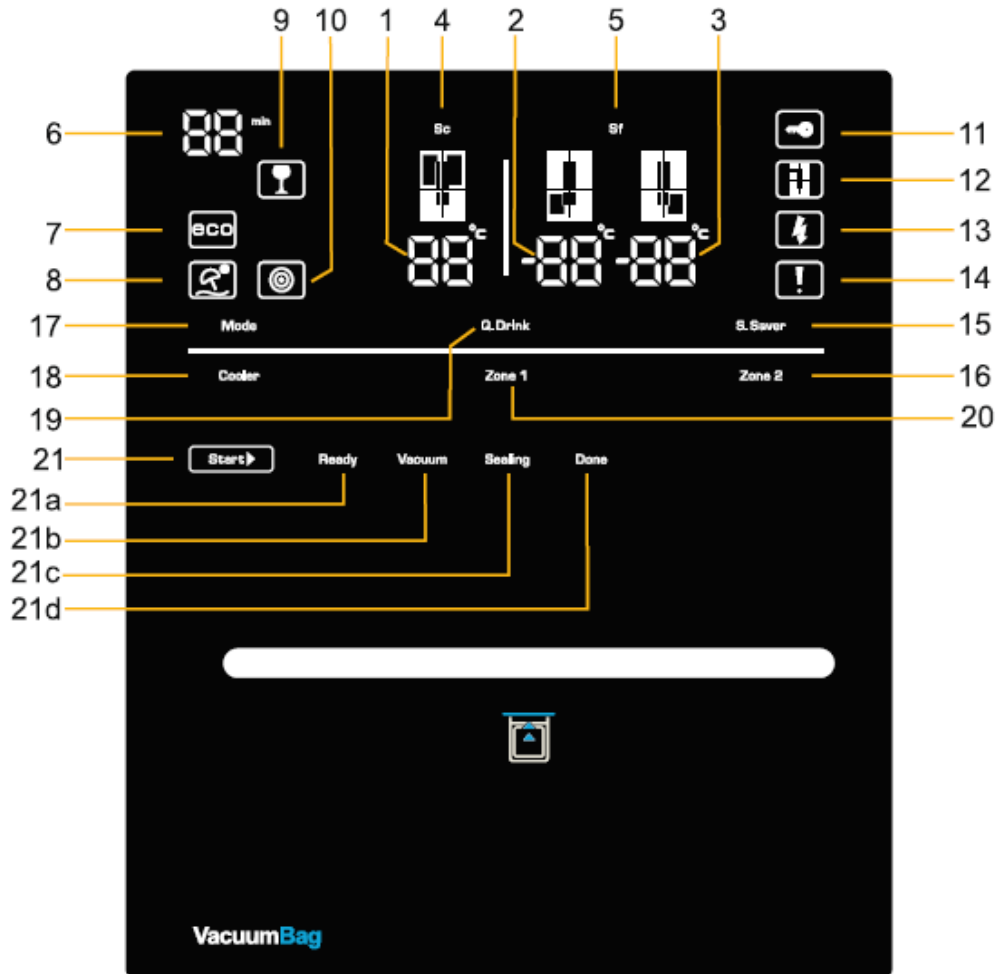
916 – FRENCH DOOR (VACUUM BAG)

**CUSTOMER
SUPPORT**

Display and control panel



Display and control panel



- | | |
|--|-----------------------------------|
| 1. Fridge Compartment Temperature indicator | 14. Alarm |
| 2. Left Freezer Compartment Temperature indicator | 15. Screensaver button |
| 3. Right Freezer Compartment Temperature indicator | 16. Zone 2 (Right freezer) button |
| 4. Super cooling light | 17. Mode button |
| 5. Super freezing light | 18. Cooler button |
| 6. Qdrink alarm counter | 19. Qdrink mode button |
| 7. Economy mode | 20. Zone 1 (Left freezer) button |
| 8. Holiday mode | 21. Start Button |
| 9. Qdrink light | 21a. Ready Led |
| 10. Night sensor | 21b. Vacuum Led |
| 11. Child lock | 21c. Seal Led |
| 12. Dealer-Demo mode | 21d. Done Led |
| 13. Low voltage warning | |

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

Standby display is protected against faulty contact. Therefore, you must touch any key on the display before you take any action. After 2 seconds, as in this case, beep-beep tone will be open to display for use. If you wait 20 seconds at the end of the process, display will go back to the same protection case.

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Beverage cooling (Q.DRINK)

[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 "Q.drink alarm counter" section. Q.drink 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 zone1 and/or zone2 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.

Economic mode (ECO)

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 (H)

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 [zone1] or [zone2] buttons 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.



For quick freezing, zone1 compartment should be selected preferably.

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.

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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 / Cooler 1 (ZONE 1)

It is temperature setting button for bottom-left compartment. By pressing [zone 1] button freezing value of bottom-left part can be set as -16, -17, -18, -19, -20, -21, -22, -23, -24 Celsius temperature values. If you do not want to use bottom-left part as cooler, press [zone1] button for 3 seconds to switch to this mode, and set to 2, 3, 4, 5, 6, 7, 8 Celsius temperature values.

Freezer (ZONE 2)

It is temperature setting button for bottom-right compartment. By pressing [zone 2] button freezing value of bottom-right part can be set as -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]+[zone 2] 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]+[zone 2] buttons simultaneously for 5 seconds.

Screensaver (SCREEN SAVER)

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

When you press night sensor [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.

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. The exclamation mark will continue to be displayed on the digital indicator panel until the error is fixed.

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Compartment On-Off mode

To turn off Zone1, Zone2 and the cooler at the same time;

- Press and hold the [mode] and [cooler] buttons simultaneously for 3 seconds. All figures indicating the part turned off will disappear on the digital indicator panel.

or

- Press and hold the [mode] and [zone 2] buttons simultaneously for 3 seconds. All figures indicating the part turned off will disappear on the digital indicator panel.

To turn off the Zone1 compartment,

Press and hold the [mode] and [zone 1] buttons simultaneously for 3 seconds. All figures indicating the part turned off will disappear on the digital indicator panel.

To reactivate the turned-off compartment, use the same combination of buttons.

Using a Freezer Compartment as Cooler Compartment Based On Demand

The bottom left compartment on the appliance can be used either as freezer and cooler. You need to press [zone 1] button for 3 seconds to use bottom-left compartment as cooler or freezer what you want



Important : If Zone1 compartment will be converted from freezer to cooler:

- You should empty the food in the related compartment and leave the door open for 4 hours. Then, food will be placed in the relevant compartment.
- Baskets and/or shelves removed from the compartment should be re-fitted.

Similarly, in order to utilize any of bottom compartments used as cooler as freezers again, you need to press the related compartment button for 3 seconds.



Important : If Zone1 compartment will be converted from cooler to freezer:

- You should empty the food in the related compartment and leave the door open for 2 hours. Then, food will be placed in the relevant compartment.
- When zone 1 compartment used as cooler are switched to Holiday or Economic setting value, it will keep on running as cooler.

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Warnings about Temperature Adjustments

- Your temperature adjustments will not be deleted when an energy breakdown occurs.
- It is not recommended that you operate your fridge in environments colder than 10°C in terms of its efficiency.
- Temperature adjustments should be made according to the frequency of door openings, the quantity of food kept inside the fridge and ambient temperature of the place of your fridge.
- Your fridge should be operated up to 24 hours according to the ambient temperature without interruption after being plugged in to be completely cooled. Do not open doors of your fridge frequently and do not place much food inside it in this period.
- 5 minute delaying function is applied to prevent damage to the compressor of your fridge, when you take the plug off and then plug it on again to operate it or when an energy breakdown occurs. Your fridge will start to operate normally after 5 minutes.
- Your fridge is designed to operate in the ambient temperature intervals stated in the standards, according to the climate class stated in the information label. We do not recommend operating your fridge out of stated temperatures value limits in terms of cooling effectiveness.

Climate Class	Ambient temperature oC
T	16 to 43°C
ST	16 to 38°C
N	16 to 32°C
SN	10 to 32°C



If the ambient temperature is higher than 38°C, the compartment temperature cannot be set to -22°C, -23°C or -24°C. It can only be set to -16°C, -17°C, -18°C, -19°C, -20°C or -21°C.

Vacuum Bag

1. The food to be kept is placed on one side ragged vacuum bag. (Figure-1)
2. The mouth of the vacuum bag is held tight from two edges as shown in the figure 1 and inserted into the compartment in the indicator panel by inserting (5 cm) up to the red strip on the bag. (Figure-2)
3. Press start button on the display. (Figure-2)

Important Note: To prevent incorrect touches, the key lock must be deactivated.

Open the key lock: When start button is pressed first time, start and ready LEDs light up. After that for activating process, we have to press start button once more. Key lock will be active again, if no operation is performed into 2 minutes.

4. When done led is seen on the display, process is completed and vacuum bag is taken from compartment. (Figure 3)

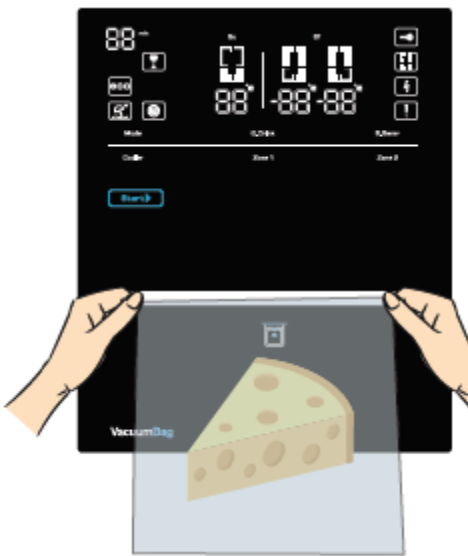


Figure-1

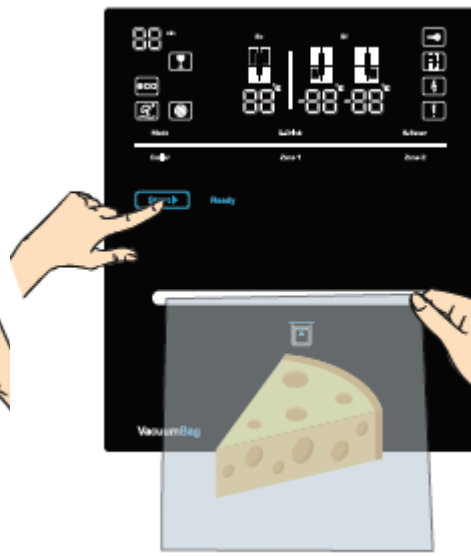


Figure-2

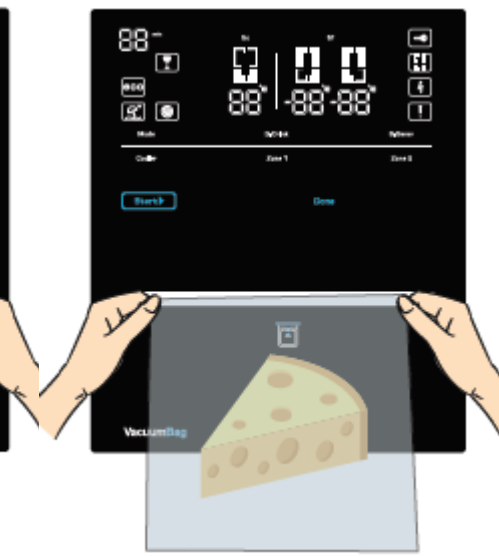


Figure-3

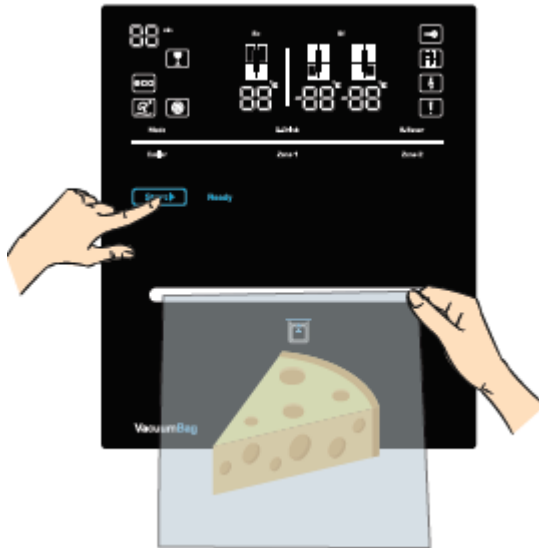
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	Vacuum Bag	

Vacuum Bag Working Process

1. After pressing start button, mechanism moves up and starts compress the bag, in the meantime ready led is on.
 2. After bag is compressed, vacuum process starts by vacuum pump, in the meantime vacuum led is on.
 3. When system reaches intended vacuum limit, resistance starts to melt mouth of the bag, in the meantime seal led is on.
 4. After sealing process is done, mechanism move down, in the meantime seal done is on. As motor comes to first position, done led will go off and process is completed.
- All lights are turned off for 1 minute after the process is completed, during that time system cannot be activated.
 - When start and ready lights are on, the system is ready for use again.

Cancelling Process:

- When the process is requested to be canceled except seal stage, press start button during 2 seconds.
- Start led goes off when process is cancelled.



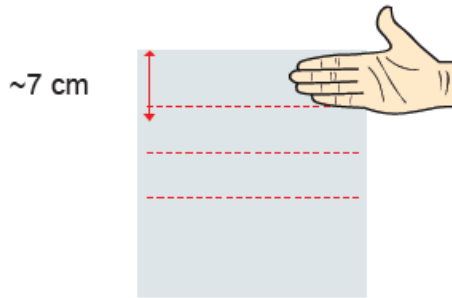
Important Note:

- Working noise may be hear by motor and pump during the operation of the system.
- If engine noise persists for a long time, call a technical service.
- When vacuuming and locking processes are not complete, this may have been caused by any misuse. Therefore, the recommendations section must be read. If the same error is encountered in successive trials, call a technical service.

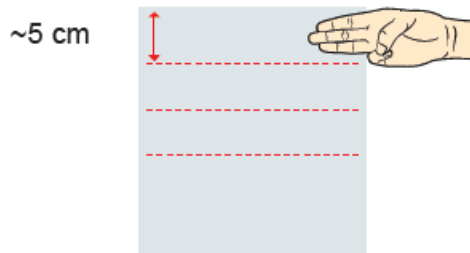
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	Vacuum Bag	

Recommendations to Consider During Use

1. The vacuum bag should definitely be one side ragged bag and a maximum 18 cm wide.
2. It is not appropriate to put too much food in the vacuum bag. Because any wrinkles on the mouth of the bag may prevent vacuuming.
3. Sufficient space should be left for open end of the bag to place bag decent into the compartment. (About 7 cm/4 finger)



4. Vacuum bag is placed until red lines. (About 5 cm/3 finger)



5. The outer surface of the bag should not be wet especially lock part of bag. Otherwise, the sealing may not be proper.
6. Do not use more than one bag at the same time.
7. Mouth of the bag must be tight during the vacuuming and sealing. There should be also no wrinkles on it. Otherwise, the sealing may not be proper.
8. Vacuuming time is maximum 40 seconds. If the bag is not placed properly into the compartment, the system will fail because the vacuum process is not complete and mechanism will be in the starting position.
9. The bag should not have any holes.
10. Do not leave too much air in the bag. Before the bag is placed in the compartment, remove the excess air by hand pressing the surface of the bag as possible as it can be. Otherwise vacuum pump may not vacuum all air into the bag.
11. Sharp-edged materials must not be vacuumed. They may pierce the bag while vacuuming and operation is not completed (Fishbone, hard-shelled foods, etc.).
12. If the vacuum bags are to be re-used for food, it can be cut by scissors on the red line (1 cm below the melted mouth). It must not be re-used for another food, only residue food can be used again. Examples of use are as follows. Example of Wrong Use: Open the mouth of the bag containing salami and then put the cheese to the bag is inconvenient. This usage may cause mixing smells of two foods and deteriorate the cheese. Example of Correct Use: Open the mouth of the bag containing salami and then after consume some of them you can put rest into the bag. During these operations, the environment and hands should be clean and hygienic.

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	Vacuum Bag	

13. Vacuum bag technology helps maintain the freshness of the food under proper storage conditions. Vacuuming should be done for the freshest foods possible. Besides defective foods and food residues should not be vacuumed.

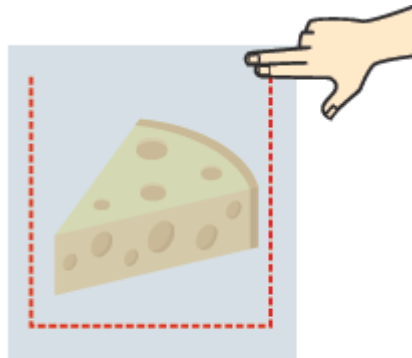
14. Do not use vacuum bags in microwave or oven.

15. It is recommended to store granulated foods (semolina, bulgur, flour etc.) without vacuuming. If some foods in granular form are to be vacuumed, it is recommended that they should be covered by paper towels or filter paper.

16. It is recommended that wet-surfaced foods as hamburger patties or pancakes which can be possible stick together should not be vacuuming without placing greaseproof between them.

17. Before vacuuming soup, casserole or succulent foods, they should be frozen in an unbreakable container then put into the bag. After that they should be stored in freezer compartments.

18. When it is desired to vacuum the large volume foods and the vacuum process is not completed, it is recommended to repeat the process by leaving a gap at the bottom and side edges of the bag.



Food Storage Recommendations

Recommendations to be taken into consideration for the storage of foods after the vacuuming process is finished are stated below.

1. Before vacuum sealing, it's necessary to clean your hands, and all utensils and surfaces to be used for cutting and vacuum sealing foods.
2. If perishable foods have been heated, defrosted or unrefrigerated, consume them immediately. Refrigerate or freeze the perishable foods immediately, if you have vacuum-sealed them, and do not leave them sitting at room temperature.
3. Storage of food stored in a vacuum bag or in low oxygen environments (anaerobic environments) over a few hours outside the refrigerator (in room conditions, etc.) is inconvenient for food consumption.
4. Two different food groups should not be vacuumed at the same time in the vacuum bag. Otherwise, there may be cross contamination between foods.
5. It is advisable to vacuum the water-releasing food after it is frozen.

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	Display and control panel	

Demo mode

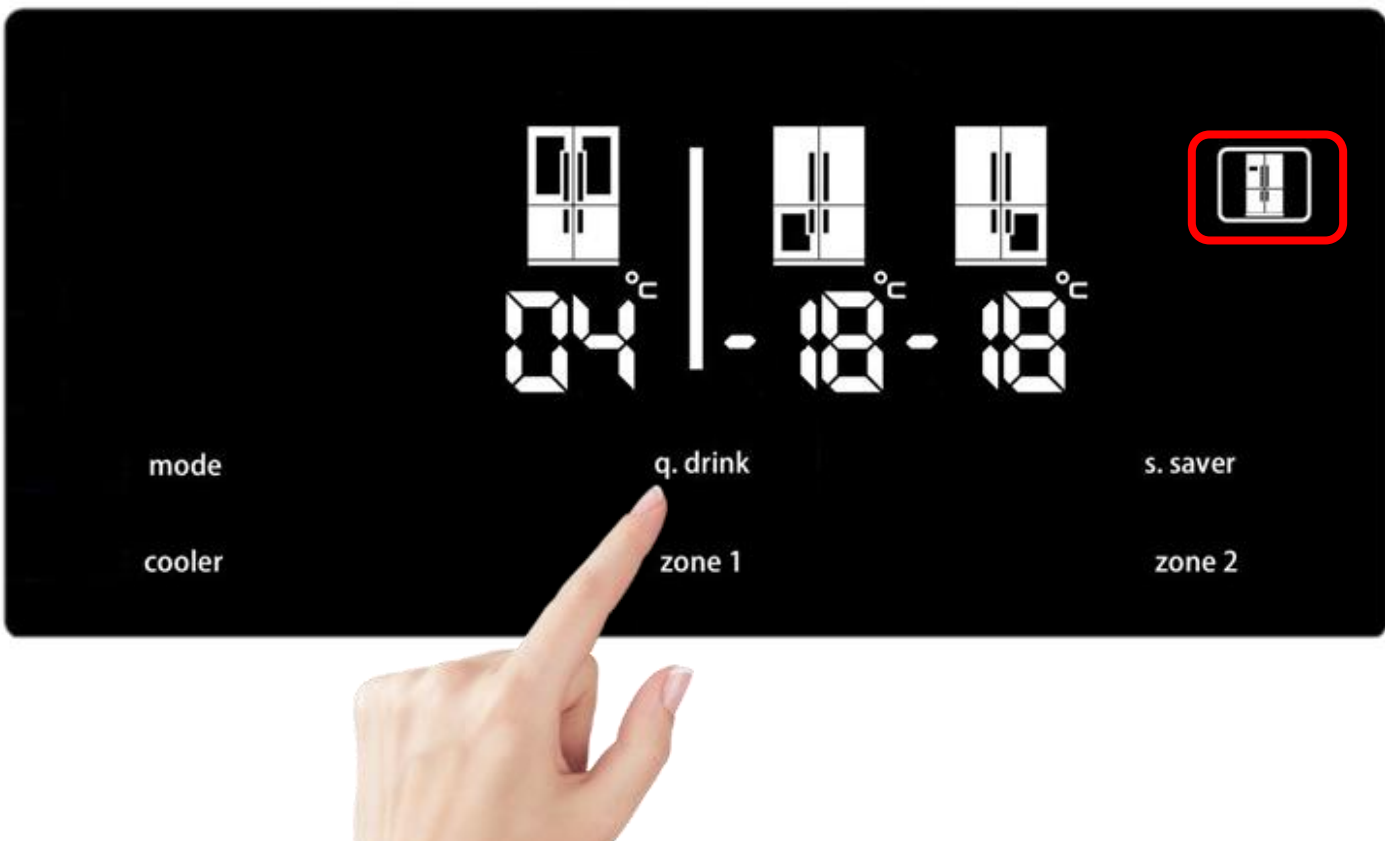
This mode will be use for only sales points by salesman to show functions & modes to customer without operating components as a compressor, fan, etc.

Entering Demo mode :

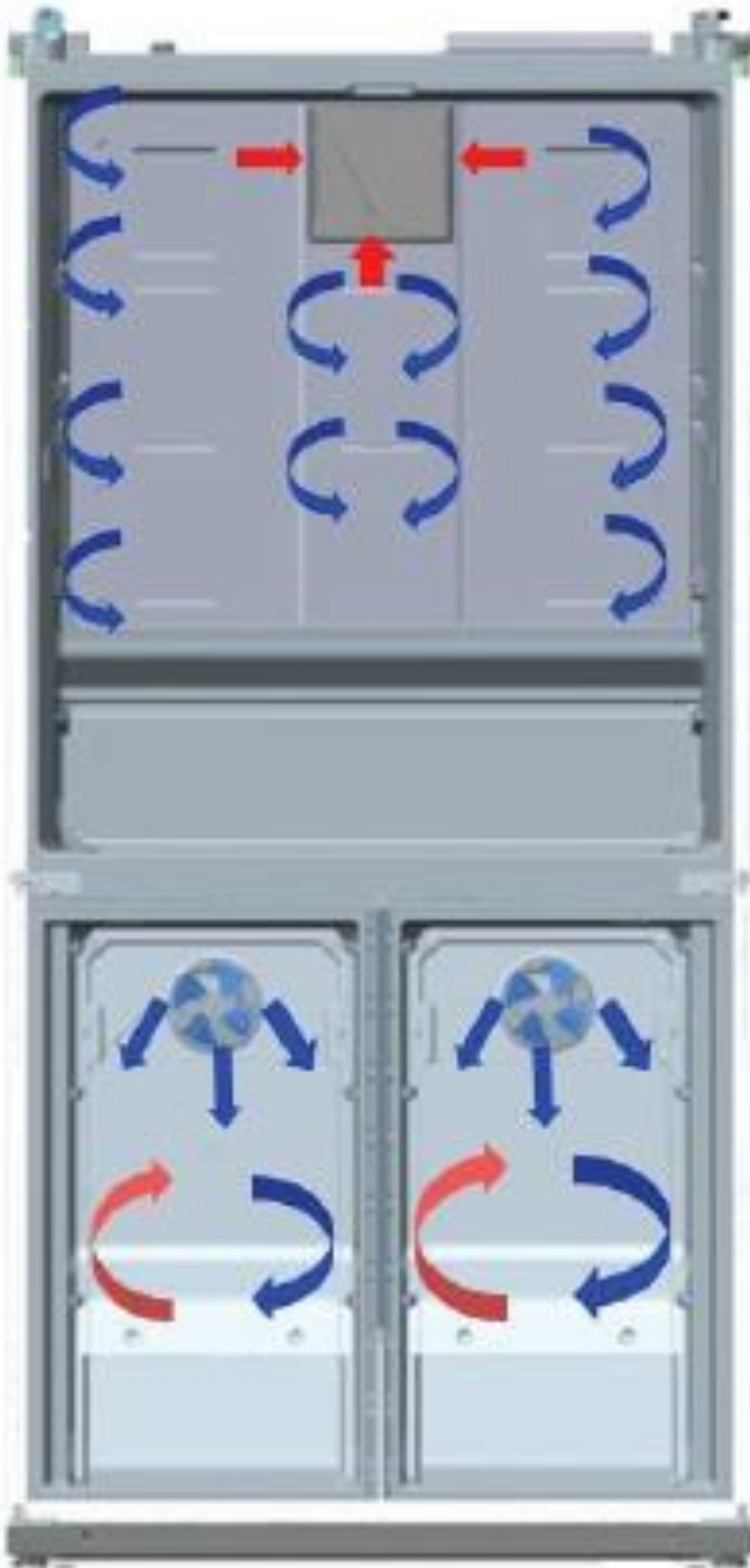
Firstly the power is on. Secondly, within 1 minute Push [q.drink] button continuously. During this time, open and close Zone-2 door for 3 times. Then appliance will go on “demo function” and Door light open Symbol will light during the mode.

Canceling Demo mode :

For cancelling; Same operation will be used. If user will push Zone-2 button continuously, During this time, open and close Zone-2 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



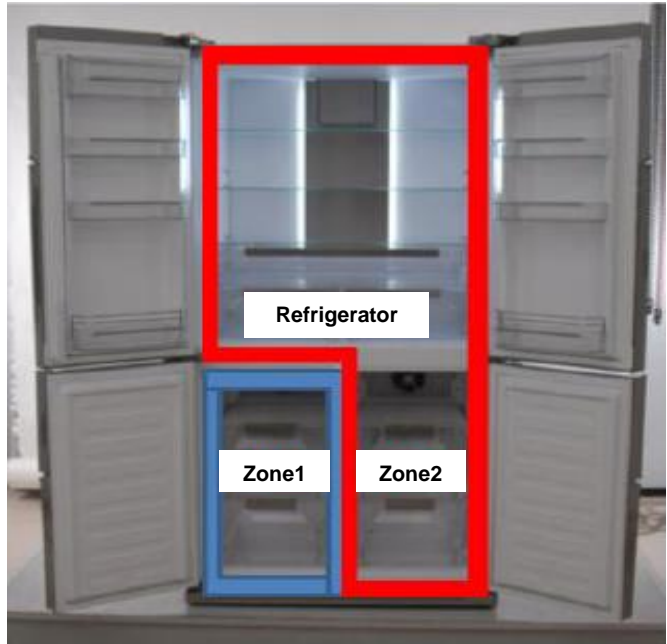
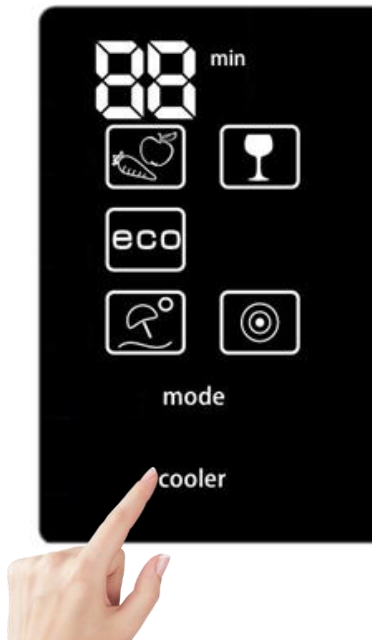
Blue arrow → Blow cold air

Red arrow → Returning hot air

VESTEL WHITE GOODS	916 – FRENCH DOOR (VACUUM BAG)	CUSTOMER SUPPORT
	SERVICE MODE	

Entering service mode :

Push cooler button continuously. During this time, open and close Zone-2 Door 3 times for a short time. Please make sure the door to close exactly. Otherwise, it would not be activate.



During service mode :

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

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

Only Alarm symbol will blink during Service Mode.

If there is no error , segments will show nothing except of Alarm symbol.

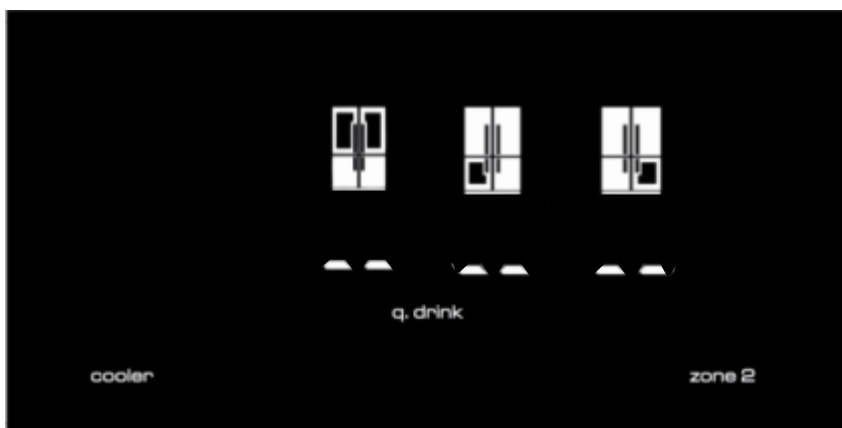
If service man pushes Quick Drink button he will be able to choose functions listed next page.

Functions will be set if service man does not push any other button for 1 sec.

Service man has 4 functions to select. First 4 push of Quick Drink button will activate symbols.

Service man will cancel mode selection if he stops pushing button on the 5th push.

The **ERROR Codes** are shown in page 19-20.



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	SERVICE MODE	

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



NOTE: It is necessary to wait for 85 seconds until the end of the process. It can not be canceled.

Economy symbol in display will blink during mode. Multizone_2 segment will show as components are checked. During this step, please use an electricity usage monitor to check the energy consumption of components.

- “01” will light when refrigerator fan is ON
- “02” will light when Multi Zone1 fan motor is ON
- “03” will light when Multi Zone2 fan motor is ON
- “04” will light when compressor is ON
- “05” will light empty
- “06” will light when refrigerator resistance is ON
- “07” will light when R & Water evacuation heater is ON
- “08” will light when Trizbar heater is ON
- “09” will light when Refrigerator Frame heater is ON
- “10” will light when Aku_1 heater is ON
- “11” will light when balance_1&2 heater is ON
- “12” will light empty
- “13” will light when Refrigerator Air Duct heater is ON
- “14” will light when multizone_1 fin evap heater is ON
- “15” will light when Aku_2 heater is ON
- “16” will light when multizone_2 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 initial service mode reaction.

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	SERVICE MODE	

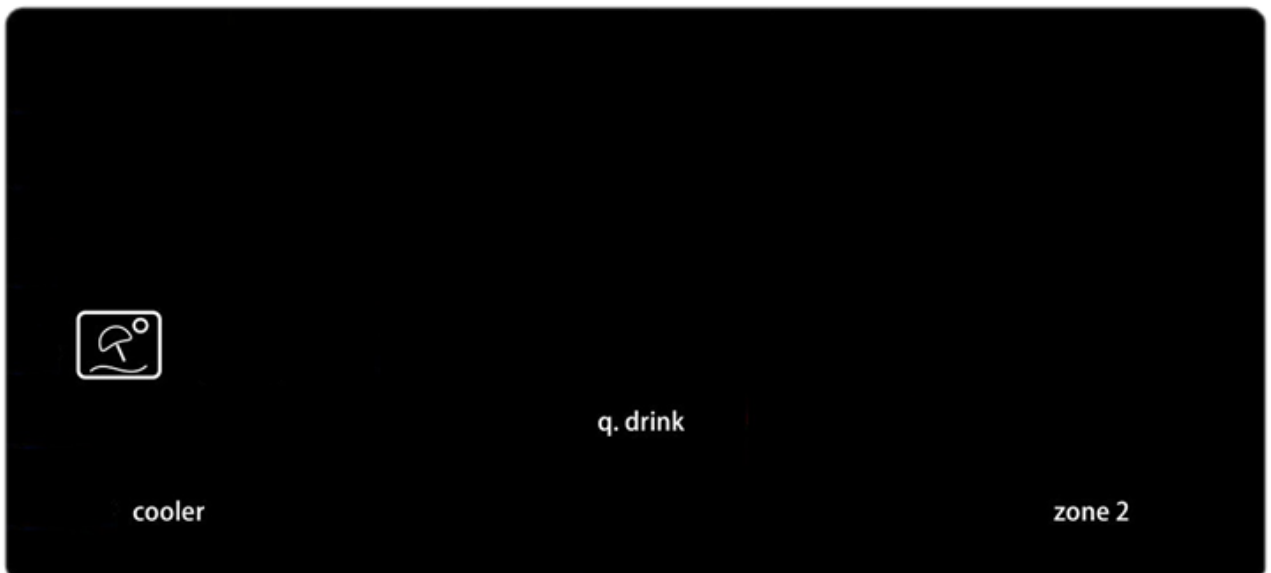
2. When push «q.drink» twice; Forced defrost and forced canceling of defrost

Holiday symbol will blink during mode. Defrosting mode will start from Step 3. 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 initial Service mode reaction.

If manual canceling of this function is not performed in 30 min.

Service mode will be canceled. Appliance will check if defrost is finished in this 30min. If YES, appliance will go on from previous set values. But if defrost is not finished, appliance will go on defrost till it finishes and then go on from previous set values.



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	SERVICE MODE	

3. When push «q.drink» thrice Forced opening and closing of valve

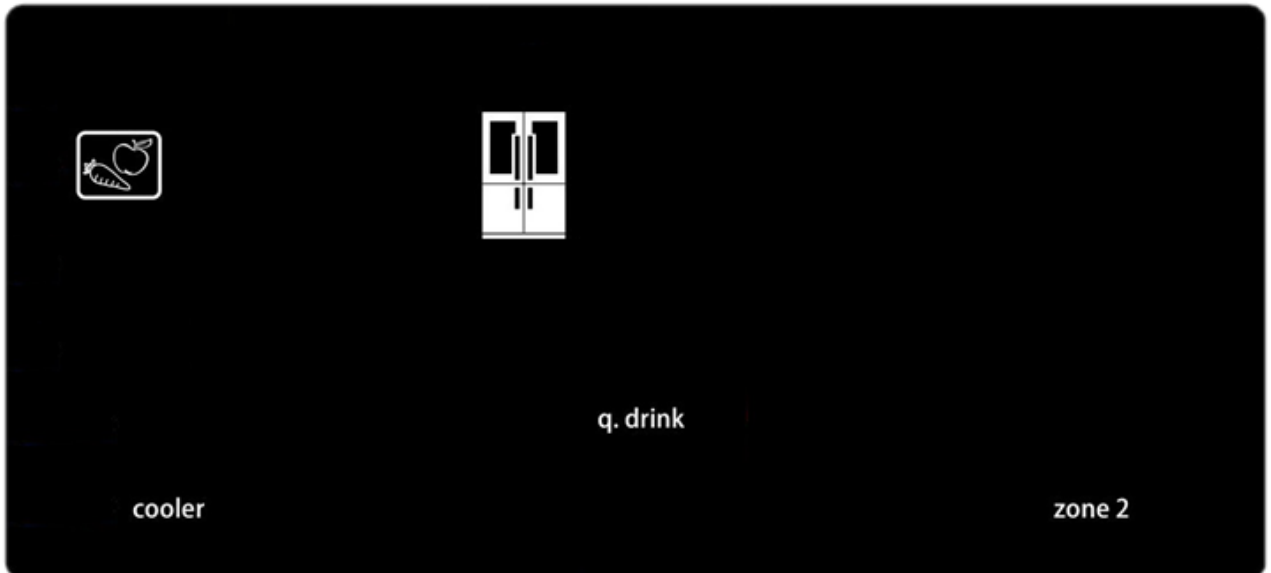
[q.drink] symbol will blink during this mode.

Only the icon of compartment which valve gives the way ON, will blink.

If the service man push zone_2 button, the valve will change to other side way and part icon which valve gives the way ON, will blink.

Compressor will run during this mode.

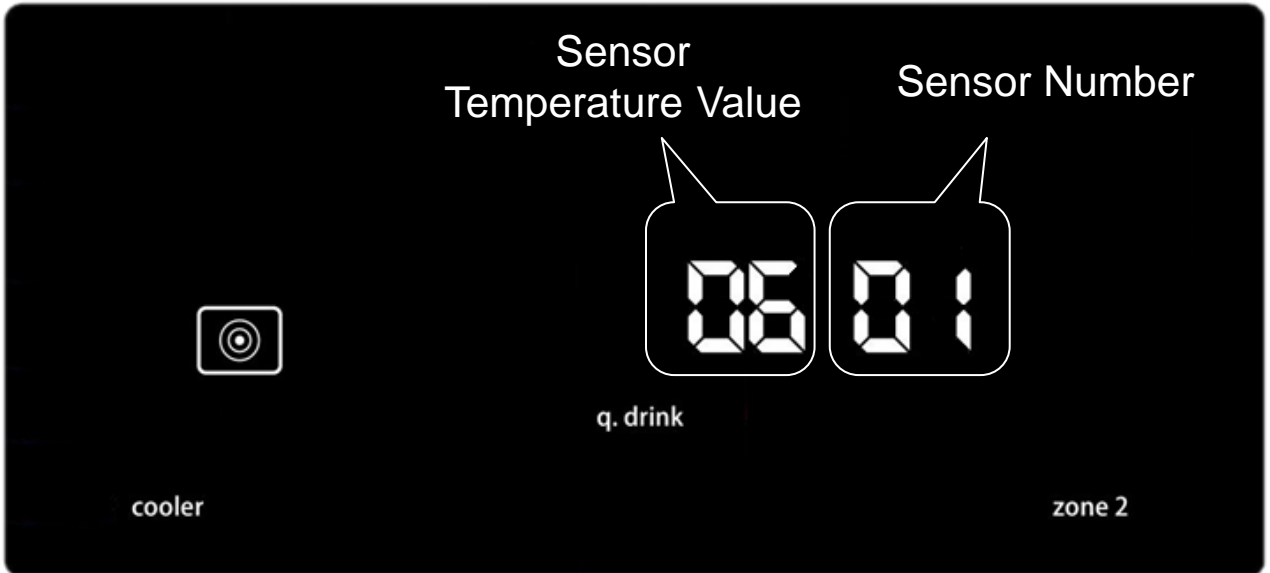
Manual canceling will be done by pushing cooler button. Symbol will be OFF and valve return to initial condition. Appliance will return to initial service mode reaction.



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	SERVICE MODE	

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

Sensor symbol will blink during mode. Service man could change the sensor number by pushing zone2 button



If service man pushes cooler button again, function will be canceled. Appliance will return to initial service mode reaction

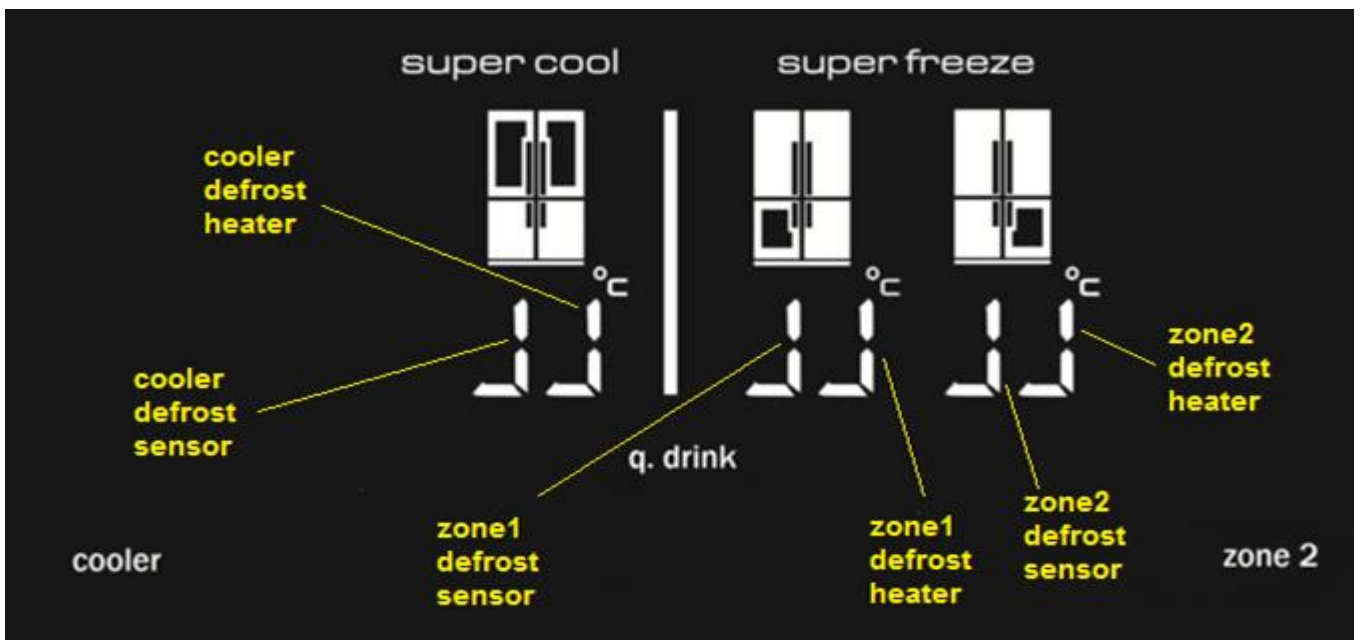
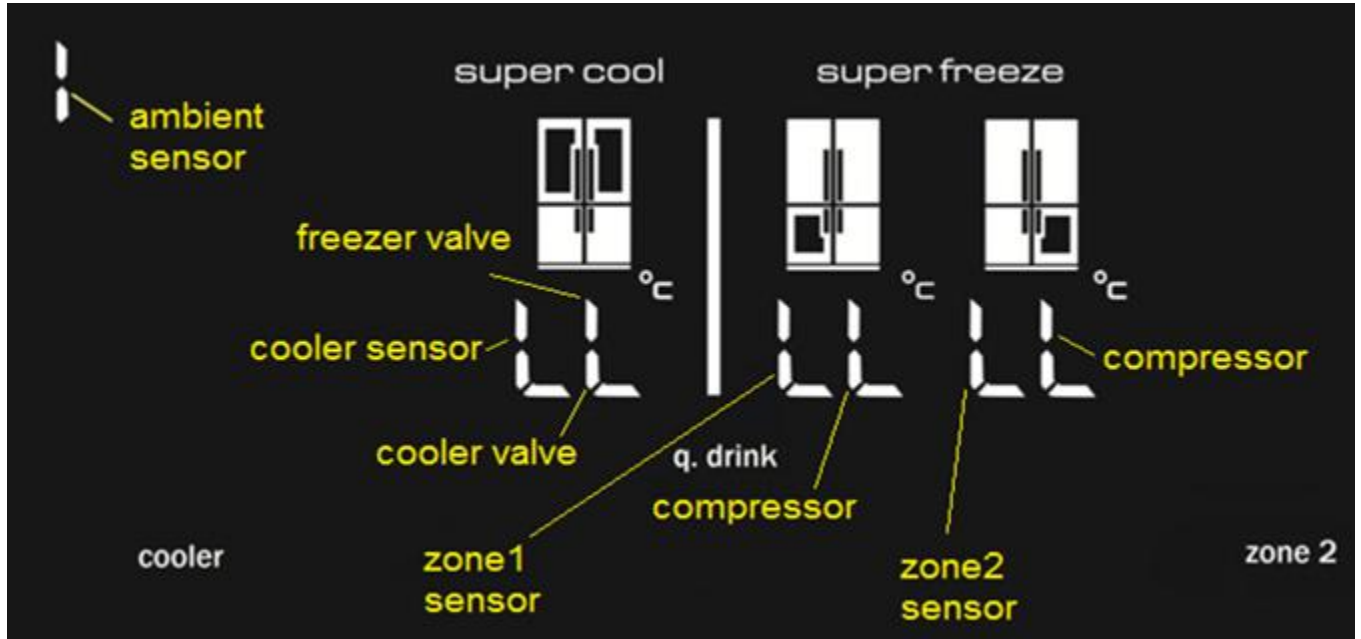
Sensor Temperature Value (Zone 1)	Sensor Number (Zone 2)
Cooler compartment sensor temp. °C	"Sensor 1"
Zone-2 sensor temp. °C	"Sensor 2"
Zone-1 sensor temp. °C	"Sensor 3"
Zone-2 defrost sensor temp. °C	"Sensor 4"
Zone-1 defrost sensor temp. °C	"Sensor 5"
(RDS) cooler roll bond evap. sensor temp. °C	"Sensor 6"
Ambient sensor temp. °C	"Sensor 7"

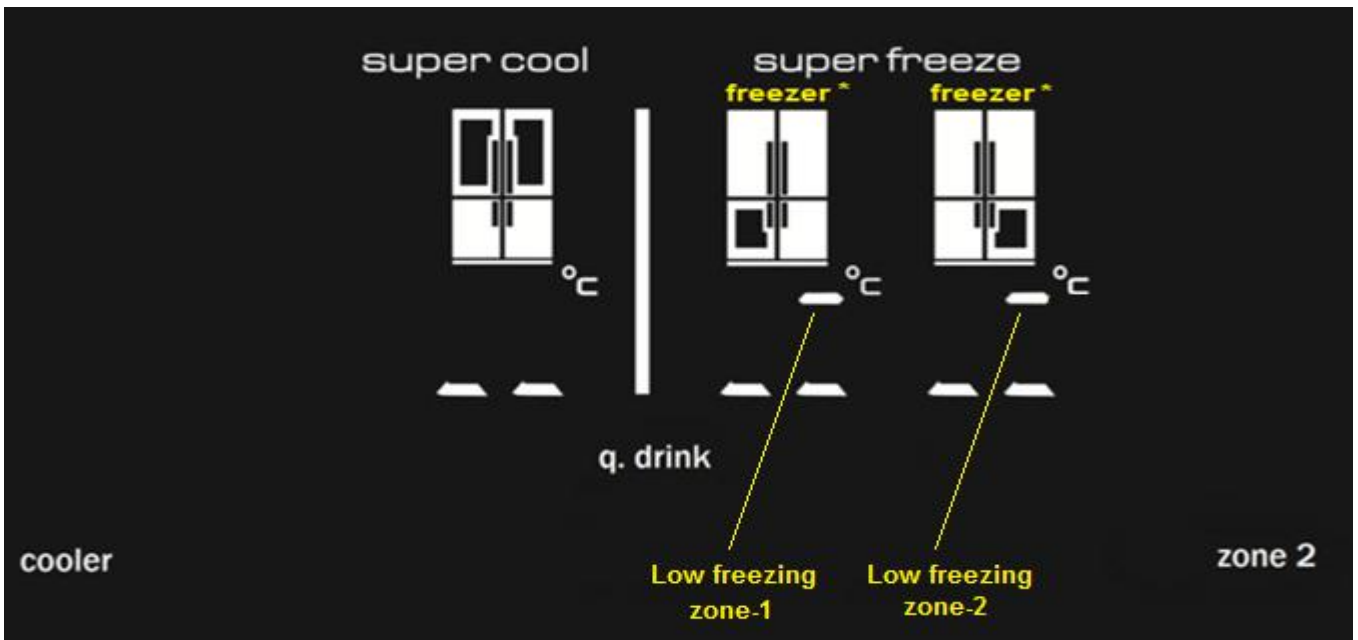
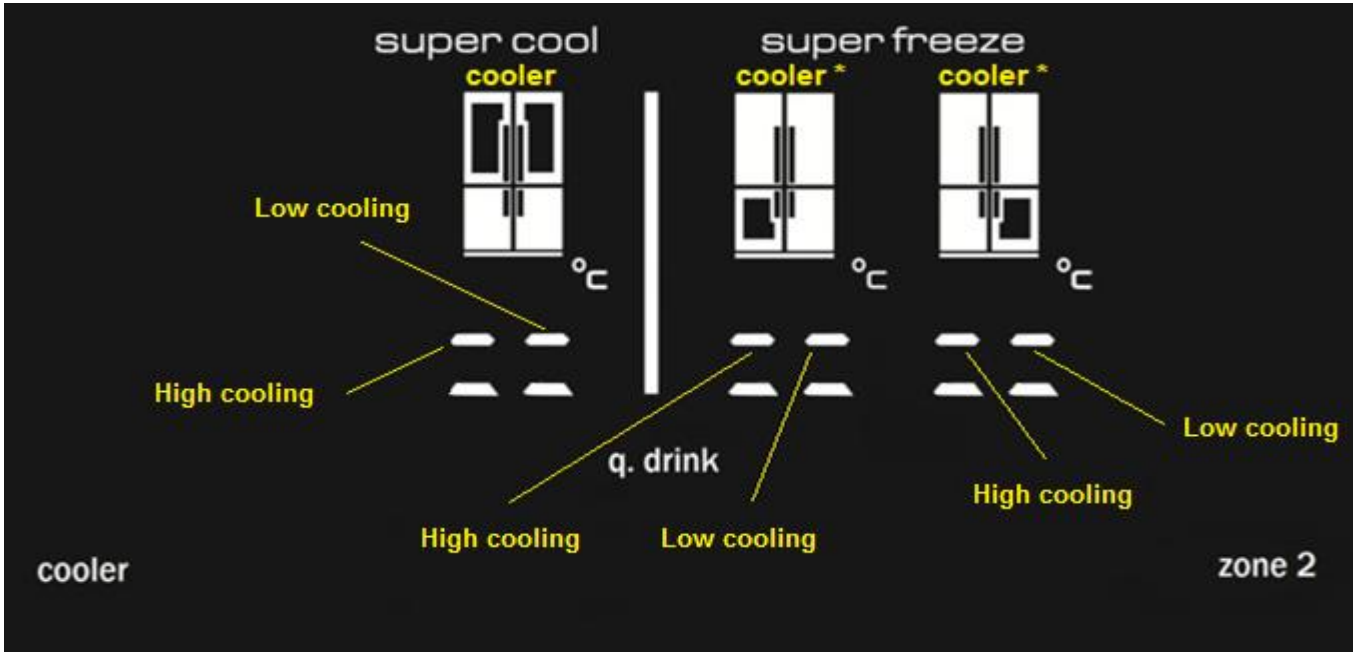
5. Push Empty. No function is set

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	USER AND SERVICE MODE ERROR MESSAGES	

Alarm symbols on display

After the service mode is activated, the display show the error codes as follows if there is any failure.





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	USER AND SERVICE MODE ERROR MESSAGES	

Component defect

ERROR	DETAILS
Compressor Defect	D sensor 1 temp $>-8^{\circ}\text{C}$ (D sensor temp. unchanges for 10 min. continuous compressor run and valve position is outlet – 2)
Defrost Heater 1 Defect	If D sensor1 $<0^{\circ}\text{C}$ after 90 min defrost started
Defrost Heater 2 Defect	If D sensor2 $<0^{\circ}\text{C}$ after 90 min defrost started
Serpantin Defect	RDS $>-2^{\circ}\text{C}$ (RDS temp. unchanges 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 :

If Zone - 1 and Zone - 2 is used as 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 $> -80^{\circ}\text{C}$	Freezer compartment is not cool enough
R sensor $>25^{\circ}\text{C}$ and if Holiday mode is not active	Refrigerator compartment is warm
R sensörü $< -8^{\circ}\text{C}$	Refrigerator compartment is so cool
F sensor $> -8^{\circ}\text{C}$ and R sensor $>25^{\circ}\text{C}$ and if Holiday mode is not active	Freezer and Refrigerator compartment both are not cool enough

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	USER AND SERVICE MODE ERROR MESSAGES	

If Zone - 1 and Zone - 2 is used as Refrigerator compartment :

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

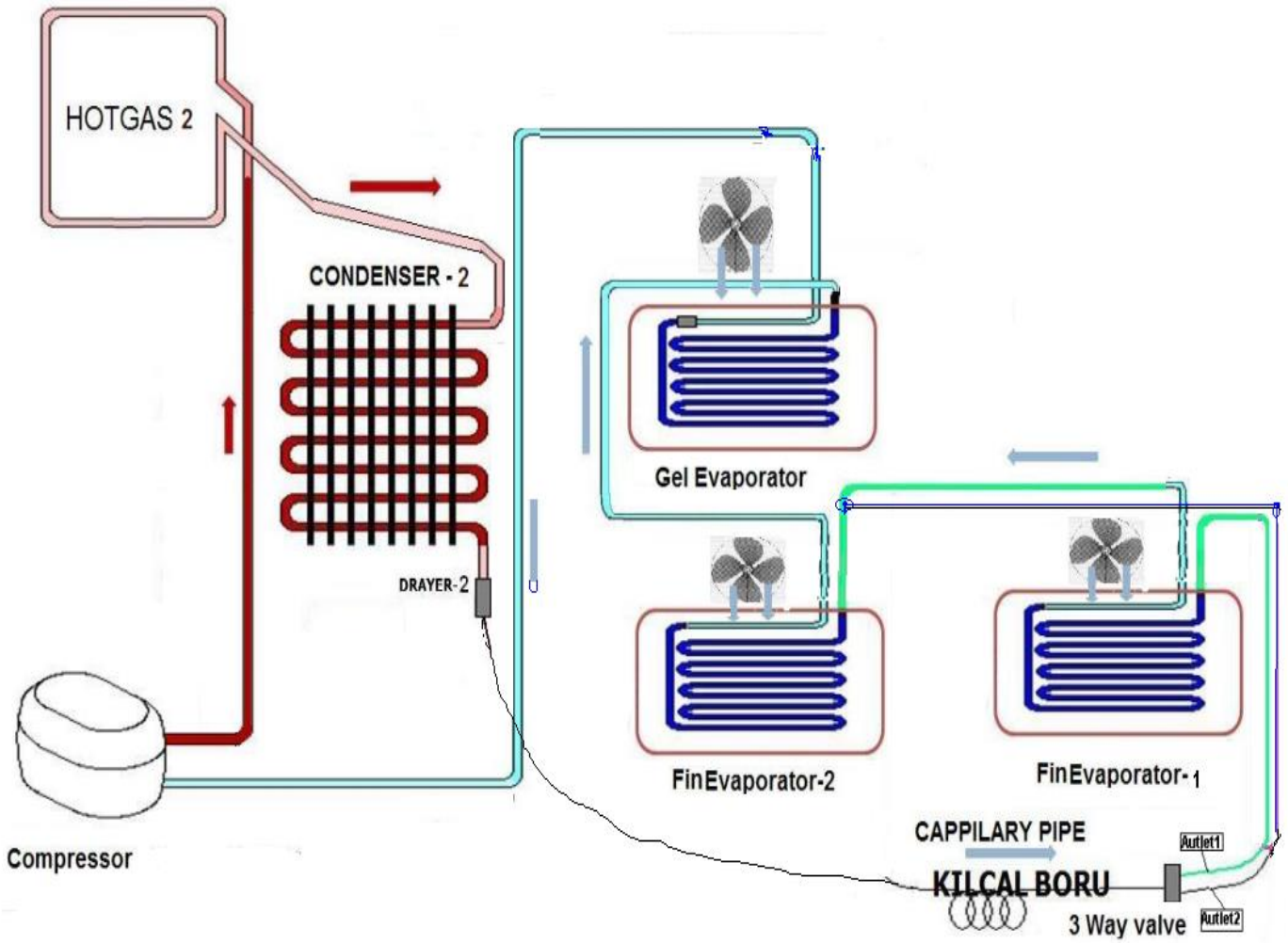
- During the first 6 hours after the product was firstly connected.
- During the defrost period
- During the first two hours after a defrost
- During the first 2 hours that one of the doors was open.

ERROR	DETAILS
F sensor > 30° C	Freezer M.zone compartment is warm
R sensor >25° C and if Holiday mode is not active	Refrigerator compartment is warm
R sensor <-8° C	Refrigerator compartment is so cold
F sensor < -20° C	Freezer M.zone compartment is so cold
F sensor > 30° C and R sensor >25° C and if Holiday mode is not active	Freezer M.zone compartment and Refrigerator compartment both are not cool enough

For Refrigerator compartment

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

COOLER ZONE-1 VE ZONE-2



VESTEL WHITE GOODS	916 – FRENCH DOOR (VACUUM BAG)	CUSTOMER SUPPORT
	DEFROST FUNCTION	

NORMAL DEFROST FUNCTION

Calculating defrost starting time

a) If $AT < 23^{\circ}\text{C}$

fix the defrost cycle to 30 hours (running + stopping)

b) If $23^{\circ}\text{C} < AT < 35^{\circ}\text{C}$

If door is not opened;

First Defrost cycle time will be fixed to 13 hours.

Second defrost cycle time will be fixed to 18 hours.

Third and following defrost cycle times will be fixed to 36 hours.

If door is opened at first defrost cycle;

Complete the defrost cycle time to 13 hours.

c) If $AT > 35^{\circ}\text{C}$

If door is not opened;

First Defrost cycle time will be fixed to 13 hours.

Second defrost cycle time will be fixed to 18 hours.

Third and following defrost cycle times will be fixed to 36 hours.

If door is opened at first defrost cycle;

Complete the defrost cycle time to 13 hours.