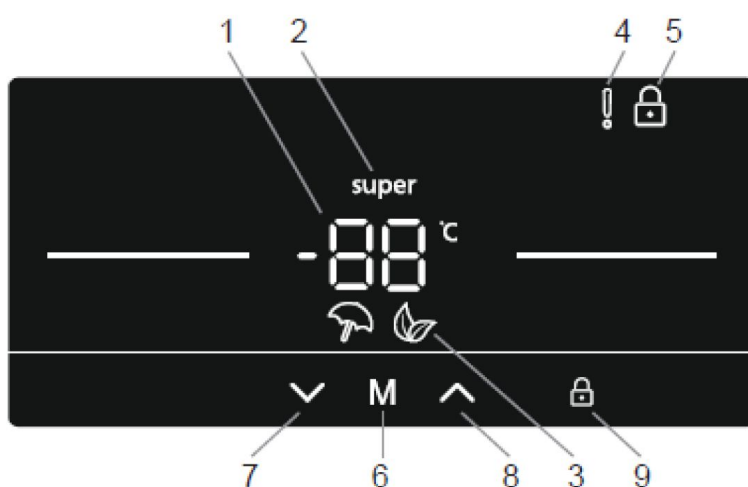


# INFORMATION TECHNIQUE

REFERENCE	CHASSIS
Congélateur Armoire	371
Mode Service – Code Defaults	



Sur cette génération d'appareil les codes erreurs peuvent apparaître en utilisation normale et s'affichent toutes les 10 secondes.

Tout d'abord affichage de la valeur de consigne, puis après 10 secondes la lettre "E" s'affiche suivi du code erreur.

(Par exemple code erreur 01) et après 5 secondes, la valeur de réglage de température de consigne apparaît.

## Affichage intermittent « E » et code « 08 »

### Tension secteur trop faible :

Lorsque l'alimentation secteur est inférieure à 170 V, l'appareil se met en position stable.

Et clignotement de « E » et code erreur « 08 »

## Affichage intermittent « E » et code « 01 »

Anomalie sur la sonde du compartiment congélateur,

Sonde coupée ou en court-circuit :

Clignotement de « E » et code erreur « 01 »

**En mode normal, dans le cas où la sonde d'ambiance est coupée ou en court-circuit, le défaut ne s'affiche pas.**

### **Affichage intermittent « E » et code « 06 »**

Compresseur défectueux

### **Affichage intermittent « E » et code « 07 »**

Résistance de dégivrage défectueux

### **Affichage intermittent « E » et code « 09 »**

Compartiment trop chaud

### **Alarme de porte**

L'alarme de porte se déclenche lorsque celle-ci reste ouverte plus de 2 minutes.

### **Entrer en mode service:**

Appuyez sur le bouton de diminution de la valeur réglée et sur le bouton Mode (touches 7 et 6) et

maintenez-les appuyés pendant 5 secondes.

### **En mode service;**

**il apparaîtra sur l'écran s'il y a une erreur.**

### **Appuyez 1 fois sur la touche Mode (2)**

Ce mode est le mode de démarrage. Tous les composants fonctionnent dans l'ordre.

"6" s'allumera lorsque le dégivrage est activé

"3" s'allume lorsque le ventilateur est en marche

"1" s'allume lorsque le compresseur est en marche

### **Appuyez une 2° fois sur la touche Mode (2)**

Le dégivrage manuel commence

Le dégivrage peut être annulé en appuyant sur la touche de réglage du décroissant ou il sera automatiquement annulé

### **Appuyez une 3° fois sur la touche Mode (2)**

Le technicien peut voir les températures réelles sur cet écran. les valeurs du capteur sont indiquées dans l'ordre suivant;

Sonde température ambiante, sonde congélateur, sonde dégivrage

Avec le bouton de verrouillage enfant, le technicien peut basculer entre les valeurs des sondes.

### **Appuyez une 4° fois sur la touche Mode (2)**

Le technicien peut voir la position de fermeture de la porte ouverte sur ce mode. Ainsi, le technicien peut vérifier si l'interrupteur de la porte fonctionne ou non.

Si la porte est ouverte, «ON» apparaîtra sur l'afficheur, si la porte est fermée, «OFF» apparaîtra sur l'afficheur.

---

### Erreur de faible tension

ERREUR	DETAILS	MODE CONSOMMATEUR	MODE SAV
Faible tension	Tension secteur <170V	Affichage du symbole "E" et "08"	-

### Erreur de refroidissement affichée

\*\*\*REMARQUE: pour éviter les mauvaises alarmes, ce mode d'alarme est désactivé dans les conditions suivantes:

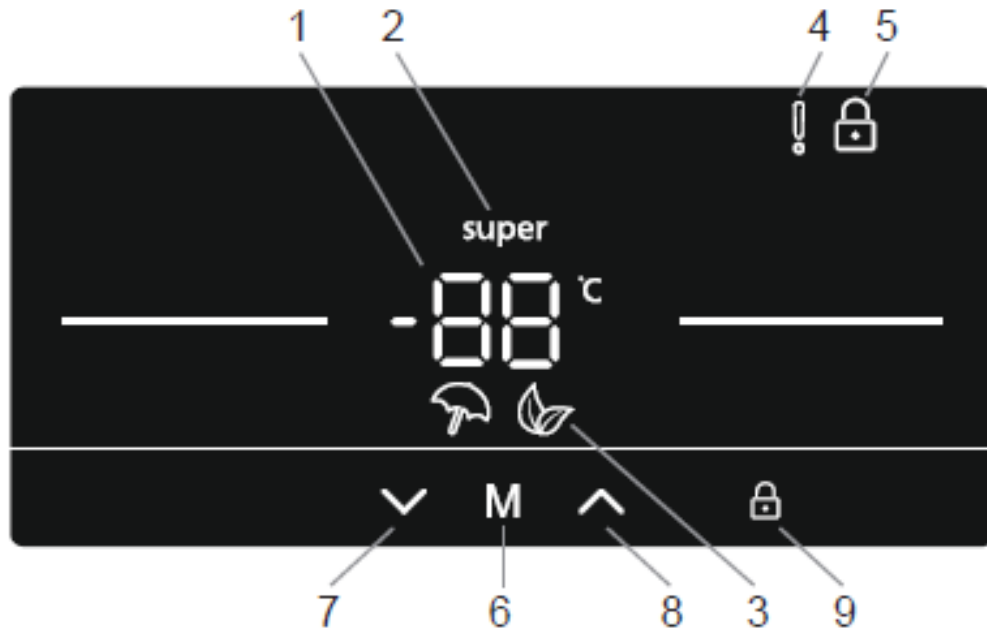
- Pendant les 6 premières heures après l'installation du produit.
- Pendant la période de dégivrage
- Pendant les 2 premières heures après le dégivrage
- Au cours des 2 premières heures, si la porte était ouverte.

TYPE DE DEFAULT	DETAILS	MODE CONSOMMATEUR
Sonde Congélateur < 2°C	Compartiment congélateur est si chaud	«E» et «09» s'afficheront jusqu'à la fin de l'erreur sur l'écran de réglage de la température du congélateur

### PRIORITE D'ERREUR SUR L'AFFICHEUR

	MODE CONSOMMATEUR	MODE SAV
Défaut du Compresseur	« E » et « 09 »	« E » et « 09 »
Défaut de la sonde (coupé ou court-circuit)	Congélateur « E » et « 01 »	Congélateur « E » et « 01 »
Défaut de la sonde (coupé ou court-circuit)	Dégivrage « E » et « 03 »	Dégivrage « E » et « 03 » Ambiante « E » et « 04 »
Sonde Congélateur > 5°C	« E » et « 09 »	« E » et « 09 »

### Display and control panel



### Using the Control Panel

1. It is freezer set value screen.
2. It is super freeze indicator.
3. It is economy mode symbol.
4. It is alarm symbol.
5. It is child-lock symbol.
6. Mode button
7. Set value decreasing button
8. Set value increasing button
9. Select child lock button


### Super Freezer Mode



#### Purpose

- To freeze a large quantity of food that cannot fit on the fast freeze shelf.
- To freeze prepared foods.
- To freeze food more quickly.
- To store fresh food and vegetables.

#### How to use

- Press the temperature setting decreasing button (v) until activate the super symbol . 
- When set to super freeze mode, the buzzer emits a "beep" sound.
- When this mode is selected, the temperature value that was set before mode selection will be displayed on the freezer temperature indicator.

#### During this mode:

- Economy mode cannot be selected.
- You can press the temperature setting increasing button ( ^ ) button to deactivate super freeze mode.

#### Note:

- The maximum amount of fresh food (in kg) that can be frozen in 24 hours is indicated on the product label.
- For optimum performance that will reach the maximum capacity of freezer, set the efficient super freeze mode 3 hours before placing the fresh food.
- At the end of this duration, the freezer will emit an audible signal to state that it is ready.

**NOTE:** The super freeze mode will be cancelled automatically after 24 hours or when the sensor temperature drops below -32°C.



### Economy Mode



#### Purpose

If you want to use set temperature values, defined by the control circuit. Both compartments will work in the normal manner with the set values.

#### How to Use

- Push mode button  until economy mode symbol  appears.
- If no button is pressed for 1 second, mode will be set. Economy symbol will blink 3 times.
- Freezer temperature segments will show "E".
- Economy mode symbol and E will light till mode finishes.

#### During this mode:

- Super freeze mode can be selected. In this case, economy mode will be cancelled automatically and the selected mode will be activated.
- To cancel, you will just need to press on mode button.



### Screen Saver Mode



#### Purpose

This mode saves energy by switching all control panel lights off for as long as the control panel remains inactive.

#### How to Use

- Screen saver mode will be activated automatically for energy saving.
- If you do not press any other button within 30 seconds after activating the screen saving mode, lights of the control panel will go off.
- If you press any key while the lighting of the control panel is off, current settings will appear on the display to let you make any change you wish. If you do not cancel the screen saving mode or press any key for 30 seconds, control panel will go off again.
- To cancel the screen saving mode, first of all, you need to press any key to activate the keys and then press and hold the mode button **M** for 3 seconds.
- To active the screen saving mode, you need to press mode button simultaneously 3 seconds.
- When the screen saving mode is activated, you can activate child lock function.
- If you do not press any other button within 30 seconds after activating the child lock, lights of the control panel will go off. After that, the present values will be displayed and if you press any button, the child lock symbol  will appear. You can press and hold child lock button  for 5 seconds to cancel the child lock.


### The Child Lock Function




#### Purpose

Child lock can be activated to prevent any accidental or unintentional changes being made to the appliance settings.

#### Activating Child Lock

Press and hold on child lock button for 5 seconds. After the mode has been selected, the lock symbol  will appear on the display.

#### Cancelling Child Lock

Press and hold on child lock button  for 5 seconds again.

### Door Open Alarm Function

If cooler or freezer door is opened more than 2 minutes, appliance sounds 'beep beep'.

### 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 1 minute user will push Mode and Child lock button 3 seconds at the same time , Then appliance will go on "demo function" . «dE» will light on freezer set value screen for 1 second, and «on» will light for 1 second and off. Every 20 seconds this operations will occur.

All functions can be adjusted to show how they are adjusted to the customer.



#### Canceling Demo mode:



For cancelling; Same operation will be used. If user will push Mode and Child lock button at the same time, demo function will be cancelled.

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

### Freezer Temperature Settings



- Initial temperature value of the freezer compartment temperature indicator is -18°C.
- Press the freezer temperature increasing button  or decreasing button 

- Each time you press setting decreasing button  , a lower value will be set: (-16, -17, -18, -19, -20, -21, -22, -23, -24°C and super freeze mode "super")
- Each time you press setting increasing button  , a higher value will be set: (super freeze mode "super", -24, -23, -22, -21, -20, -19, -18, -17, -16°C)
- The temperature value selected before activating the super freeze mode or economy mode will remain the same once this mode has been completed or cancelled. The appliance will go on operating at these set temperature values.

#### Recommended Temperature Values for Freezer

When to adjust	Inner Temperature (°C)
For minimum freezing capacity	-16, -17
In normal usage	-18, -19, -20, 21
For maximum freezing capacity.	-22, 23, -24



## 371E ARES DISPLAY



### THE VARIOUS FUNCTIONS AND POSSIBILITIES

- 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 and the quantity of food kept inside the fridge.
- Do not pass to another adjustment before completing an adjustment.
- 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.
- A 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 (°C)
T	16 to 43
ST	16 to 38
N	16 to 32
SN	10 to 32



## 371E ARES DISPLAY



### SPECIAL PROGRAMS

\*\*Error codes can appear in normal use and they will be on a screen for 10 seconds. Firstly the set value, after 10 seconds "E" expression and 3 sn then «Error code (For example 01)» appearance and after 5 seconds the set value will be appear.

#### \*Low voltage function

When the power supply gets lower than 170 V the appliance gets to steady position. And blink «E» and «08»

#### \* Freezer sensor open short circuit

Blink «E» and «01»

#### \* Defrost sensor open short circuit

Blink «E» and «03»

#### \* Ambient sensor open short circuit

In normal mode, AT sensor defect will not be shown.

#### \* Compressor defect

Blink «E» and «06»,

#### \* Defrost Heater defect

Blink «E» and «07»,

#### \*Low Freezing defect

Blink «E» and «09»,

#### \* Door open alarm

Door alarm sounds when the door opens more than 2 minutes continuously.

	<b>371E ARES DISPLAY</b>	
	<b>SERVICE MODE</b>	

### **Entering Service Mode:**

Push and hold Set value decreasing button and Mode button together for 5 seconds.

### **In Service Mode;**

it will appear on the screen if there are any error.

### **First Push of Mode Button;**

This mode is starting mode. All components run in order.

“6” will light when Defrost is ON

“3” will light when Fan is ON

“1” will light when compressor is ON

### **Second Push of Mode Button;**

Manuel defrost starts

Defrost can be canceled by pressing setting decreasing button or it will automatically be canceled

### **Third Push of Mode Button;**

Service man can see actual temperatures on this screen. the sensor values are indicated in the following order;

Freezer-Defrost- Ambient sensor

With Child lock button, service man can toggle between sensor values.

### **Fourth Push of Mode Button;**

Service man can see door open close position on this mode. So, service man can check door switch working or not.

If door is open, «ON» will be seen on set value screen, if door is close, «OF» will be seen on set value screen.



## 371E ARES DISPLAY



### USER AND SERVICE MODE ERROR MESSAGES

#### Low voltage error on display

DEFECT TYPE	DETAILS	USER MODE REACTION	SERVICE MODE REACTION
Low voltage	Power supply < 170	Freezer number segment shows «E» and «08»	-

#### Cooling error on display

**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.

DEFECT TYPE	DETAILS	USER MODE REACTION
Freezer sensor > 2°C	Freezer compartment is so warm	«E» and «09», will be shown until error finishes On Freezer Set Value Screen

#### PRIORITY OF ERROR ON DISPLAY

	USER MODE REACTION	SERVICE MODE REACTION
Compressor Defect	«E» and «09»	«E» and «09»
Sensor Defect (Short-Open)	Freezer «E» and «01» Defrost «E» and «03»	Freezer «E» and «01» Defrost «E» and «03» Ambient «E» and «04»
F sensor > 5°C	«E» and «09»	«E» and «09»

## REVERSING THE DOOR

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



Picture-1

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



Picture-2

3. Displace the door (Picture-3)



Picture-3

4. Unscrew the adjustable foot (Picture-4)



Picture-4

5. Unscrew the bottom hinge screws. (Picture-5)



Picture-5

6. Unscrew the bottom hinge pin and screw it to other hole. (Picture-6)



Picture-6

7. Screw the bottom hinge to the left bottom side of refrigerator. Screw the adjustable foot there. (Picture-7)



Picture-7

8. Unscrew the two screws fixing stopper and stopper support plate under the door. After that screw the other side. (Picture-8)



Picture-8

## REVERSING THE DOOR

9. Remove the socket cover-right of the door (Picture-9.1)

Remove the display socket (Picture-9.2)

Please use the socket cover to hidden other housing (Picture-9.3 / Picture-9.4)



Picture-9.1



Picture-9.2



Picture-9.3



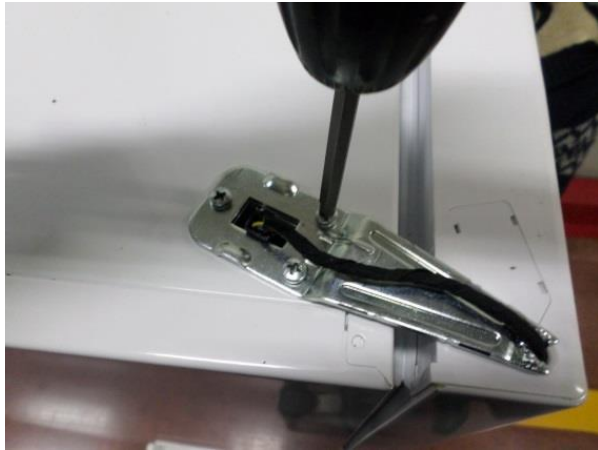
Picture-9.4

10. Remove the hinge cover on the top panel and replace to other side.(Picture-10)



Picture-10

**11.** Place the door to the bottom hinge and screw the top hinge to the top panel. (Picture-11)



**Picture-11**

**12.** Place the top hinge cover. (Picture-12)



**Picture-12**



**Warning: The plug must be pulled out before the display is removed.**

1. Display can be removed with the disassembly tool. Do not use any sharp objects to remove the display.
2. Disassembly tool code is **42152193** (Picture-1)



**Picture-1**

3. Place and fix the disassembly tool on to display and pull to take out the display. (Picture-2)

4. Take out the display cable socket. (Picture-3)



**Picture-2**



**Picture-3**



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

**1.** Remove the refrigerator glass shelves and the flap cover supports left and right. (Picture-1 / Picture-2)



Picture-1



Picture-2

**2.** Remove the plugs by pulling them under the base with a pointed device to remove the screw plugs and remove the screws. (Picture-3-4-5)



Picture-3



Picture-4



Picture-5

**3.** Keep the air duct by the left side or right side and stretch it. Get rid of the nails. (Picture-6)



Picture-6

## ASSEMBLE & DISASSEMBLE OF FAN MOTOR

1. Remove the fan motor connector, unscrew the fan motor fixing screws and displace the fan motor and remove the propeller. (Picture-1 / Picture-2)



Picture-1



Picture-2

2. Displace the details on the fan motor box. (Picture-3)



Picture-4

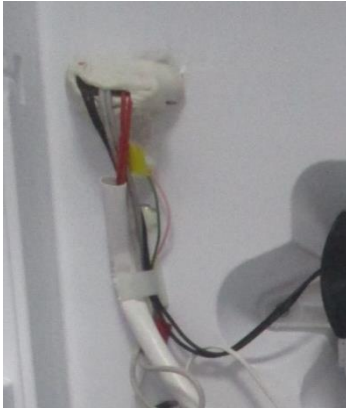


Fan Motor Components



**Warning: This process needs gas deflation, gas re-charging and welding processes so its need to be done by trained professionals.**

1. Take out the fin evap heater (blue) connector and remove the bitumen covering the tubes.  
(Picture-1 / Picture-2)



Picture-1



Picture-2



**Warning: Before cutting the tube follow make sure the gas is evacuated.**

2. To take out the evaporator, tubes need to be cut with oxygen welding. (Picture-3 / Picture-4)  
Remove the evaporator by pulling forward in a horizontal direction. Do not push it up or down.  
You may broke the fixing plastics.



Picture-3



Picture-4

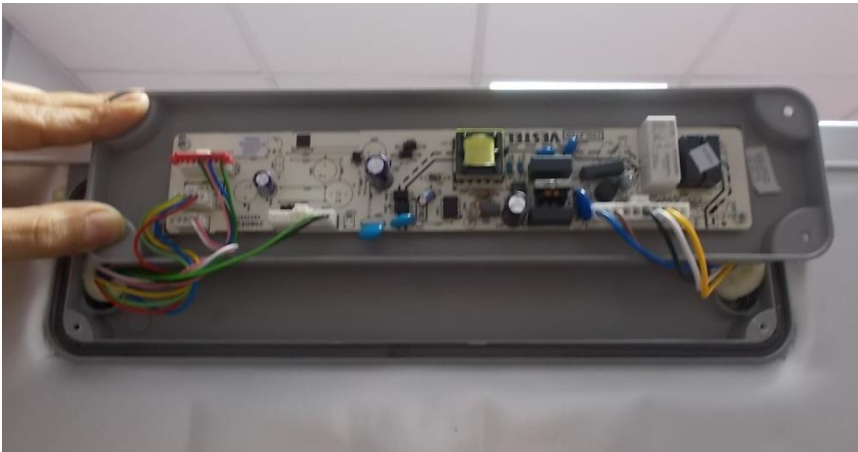
 **Warning: The plug must be pulled out before the mainboard group is removed.**

1. Unscrew the screws which are fixing the main board cover. (Picture-1)



Picture-1

2. Pull the mainboard slightly forward and disconnect all the connectors and then replace it. Finally, place the mainboard cover and screw it. (Picture-2)



Picture-2

## ASSEMBLE & DISASSEMBLE SENSOR

Remove the freezer sensor cover by pulling forward and disconnect sensor connector.  
(Picture-1 / Picture-2)



Picture-1



Picture-2



***Warning: Pay attention not to damage to the sensor cover details!***

## ASSEMBLE & DISASSEMBLE LED

Remove the led cover by pulling forward and unscrew the two screws fixing the led and remove it.

