

USER MANUAL

Fhiaba



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1 Important directions for safety and the environment

1.1 For your safety



Notes

Recommendations for correct use of the appliance



Important

Directions for avoiding appliance damage



Warning

Indications for avoiding injury to people

- If this appliance is replacing an existing appliance which must be removed or disposed of, make sure that it does not become a dangerous trap for children by cutting its power supply cable and rendering it impossible to close the door. Use the same caution at the end of the lifespan of the new appliance.
- This appliance is designed to refrigerate beverages and foods and is destined for domestic use.
- The appliance must be installed by following the instructions in the Installation Guide, particular care should be taken not to obstruct the vent openings of the appliance and of the built-in units.
- The appliance features a concentrated lighting system with LED lamps. Do not stare into these lamps when they are on to avoid possible eyesight damage. This warning is also contained on the label attached to the inside of the refrigerator door.
- When the freezer is functioning do not touch the inner surfaces in stainless steel with wet or damp hands, since skin may stick to the very cold surfaces.
- Do not use any type of electrical equipment inside of the food conservation compartments.
- When positioning the shelves, do not place fingers in the shelf slide guides.
- Do not position containers of flammable liquids near the appliance.
- Completely switch off the appliance and unplug the power supply cable during cleaning operations. If the plug is not easily reached, it is a good idea to disconnect the omnipolar switch that controls the socket that the appliance is connected to.
- The packaging parts can be dangerous for children: do not allow children to play with the plastic bags, plastic film or Styrofoam.
- Any repairs must be performed by a qualified Fhiaba Service technician.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or lack of experience and knowledge unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

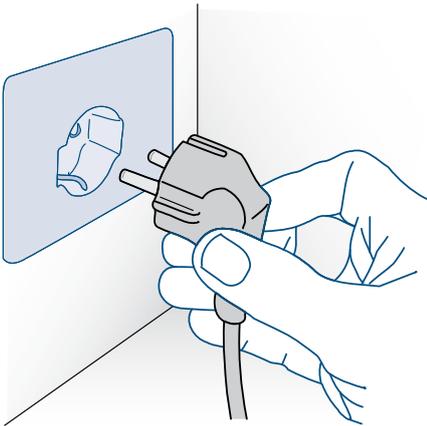
1.2 Caring for the environment



- Pay special attention to correct disposal procedure for all the packaging materials.
- The appliance must not be disposed of with urban waste. Contact local waste disposal centers for on how to dispose of recyclable waste.
- Prior to disposal, cut the power supply cord and make it impossible to close the door.
- During disposal, avoid damage to the refrigeration circuit.
- The appliance does not contain hazardous substances for the atmospheric ozone layer, neither in the refrigeration circuit nor in the insulation.

Make sure that installation is performed correctly, adhering to all directions in the specific installation manual provided with the appliance.

Connection to the electrical power supply 2.2

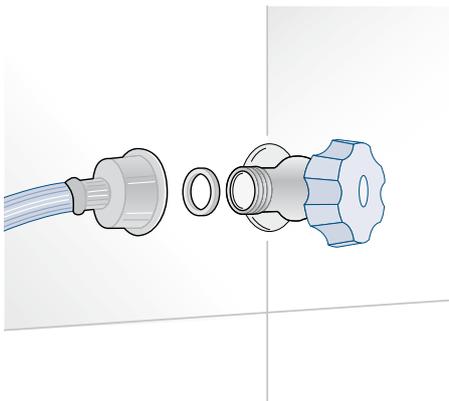


The appliance is equipped with a Schuko type 16A plug and must be connected to the electrical power supply through a corresponding Schuko socket. Do not use extension cords and/or multiple adapters for the power supply connection.



Do not use extension cords and/or multiple adapters for the power supply connection.

Connection to the water system 2.3



The models provided with Ice Maker require a connection to the domestic water supply system. This can be executed through the provided water hose with 3/4" threading. The system pressure must be between 0.05 MPa and 0.5 MPa (between 0.5 Bar and 5 Bar). Different pressures can cause malfunctions or leaks in the water system. The appliance should be supplied only with drinkable water.



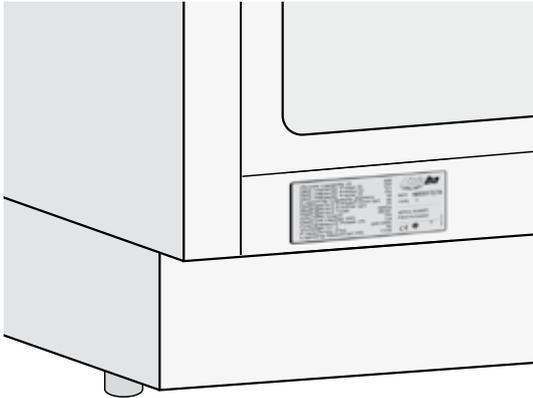
The appliance should be supplied only with drinkable water.



Make sure that installation is performed correctly, according to all of the directions in the specific installation manual provided with the appliance.

3 Before starting

3.1 Know your appliance



Congratulations for having purchased your new Fhiaba: from now on you can use our innovative conservation system, which will allow you to keep all of your food in the best way possible.

This manual will answer most of your questions about the product's features. Should you require further information, please check our website

www.fhiaba.com

or write us an e-mail at

customercare@fhiaba.com.

Before calling, write down the model type and serial number which are available on the warranty certificate and on the rating plate located on the bottom left-hand corner of the appliance, behind the bottom drawer and any messages which may have appeared on the display.

800-344222 (800-FHIABA)

3.2 Main features

- Exclusive design by Giugiaro
- The Fhiaba TriMode refrigeration system and the efficient separation of internal compartments ensures maximum freshness and offers excellent conservation of foods in the three compartments: refrigerator, Fresco and freezer
- It is also possible, should there be a need, to further increase the flexibility of the appliance by making the freezer compartment operate as a refrigerator or as a Fresco compartment
- The Fresco compartment has a low temperature and controlled humidity, providing excellent conservation in maximum safety conditions for fresh foods
- Electronic control guarantees constant temperature and humidity levels set by the user
- An interactive menu (Fhiaba Access) allows customized management of appliance functions and the visualization of functioning messages
- Power save features to reduce consumption during vacation periods
- Ample drawers with Soft self-closing systems in the Fresco area
- Ice Maker for automatic ice production in the desired size
- Easily replaceable water filter located inside the refrigerator
- Patented sliding shelf system, with shelves that can be positioned at any level inside of the refrigerator without having to be removed
- Stainless steel surface both inside and outside, with fine aluminum trim
- Patented hinge system that permits automatic door closing
- External drawers with to self-closing system
- Localized lighting with LEDs
- Anti-tipping system by means of wall mounting brackets



StandPlus Series



Integrated Series



Professional Series



Classic Series

Single drawer model

- 1 Stainless steel structure with aluminum trim
- 2 Control panel with Fhiaba Access
- 3 Water Filter
- 4 Patented shelf positioning system
- 5 Control panel, Fresco area
- 6 Fresco compartment with controlled humidity or "Low Temp"
- 7 Automatic icemaker
- 8 Double refrigeration system
- 9 Temperature display
- 10 Sound signals
- 11 Vacation function
- 12 Spacious door shelves
- 13 Innovative lighting
- 14 Automatic door and drawer closure
- 15 Freezer compartment that can be transformed into a refrigerator or Fresco compartment (TriMode function)

3 Before starting

3.3 Main components

StandPlus Series

Integrated Series

Professional Series

Two drawer model

- 1 Stainless steel structure with aluminum trim
- 2 Control panel with Fhiaba Access
- 3 Water Filter
- 4 Patented shelf positioning system
- 5 Automatic icemaker
- 6 Double refrigeration system
- 7 Temperature display
- 8 Sound signals
- 9 Vacation function
- 10 Spacious door shelves
- 11 Innovative lighting
- 12 Automatic door and drawer closure

The innovative electronic control system designed by Fhiaba maintains constant temperature on the three compartments and visualizes it on the control panel display. It also allows user interaction making it possible to personalize settings of the various functions and to receive sound and/or visual messages if any malfunction should occur in the appliance.

1		Unit	Allows complete switching on and off of the appliance (press for three seconds).
2		Fridge	Allows switching on and off of only the refrigerator compartment (press for three seconds).
3		Fhiaba Access	Allows access to the appliance function menu
4		Up/down Fridge	Using the Up and Down buttons, it is possible to change the set temperature of the refrigerator and scroll through the interactive menu.
5		Display	It shows the temperature of the refrigerator and freezer compartments, the date and time, Fhiaba Access functions and visual messages.
6		Up/Down Freezer (TriMode)	By selecting Up/Down the preset temperature can be changed according to the selected function mode (freezer, refrigerator, Fresco).
7		Enter	Confirms activation or deactivation of the selections made in the Fhiaba Access Menu.
8		Ice maker	Allows activating or deactivating the automatic ice production.
9		Alarm	Blinks to signal possible malfunctioning, also in combination with a sound signal which can be deactivated by pressing the button.
10		Water Filter	Shows the status of the water filter cartridge capacity.

11		Display	Shows the temperature of the Fresco compartment.
12		Up/Down	Using the Up and Down buttons, it is possible to change the temperature set for the Fresco compartment.
13		Fresco	Allows switching on and off of only the Fresco compartment (press for three seconds).

4 Appliance switching on and off

4.1 Switching on and off

First startup When the appliance is connected to the electrical power supply but has not yet been switched on, the display shows the message

Stand by

(safety message to warn that the appliance is connected to the mains, and all the panel buttons are off.

To switch on all the appliance compartments, press the Unit button  for three seconds.

Switching off the Refrigerator and Fresco compartments

When the appliance is first switched on the TriMode compartment is set to the "freezer" mode. After switching on it remains always on and can be switched off only by switching off the complete appliance. Press Unit  for three seconds.

Restarting

Use the same buttons to restart. The freezer compartment always stays on and cannot be switched off except by completely switching off the appliance by pressing the Unit button  for three seconds.

Switching off for long periods

During periods of long absence it is recommended to switch off the refrigerator by pressing the Unit button  for three seconds and disconnecting the electrical plug or the omnipolar switch controlling the socket.

Completely empty the refrigerator, clean and dry it and leave the doors and drawers partially open to prevent unpleasant odors.



If at the first startup the Standby message does not appear, but another message appears, it means that the appliance has already started the cooling process. If this is the case, deactivate any possible sound signal by pressing the Alarm button (), close the door and wait until the set temperature is reached.

During the first startup, it will not be possible to use the Fhiaba Access Menu to modify the factory settings until the preset temperature has been reached.

Each time the appliance is switched on it goes through a self-diagnosis procedure lasting three minutes before completely starting up.

If only the refrigerator compartment or the Fresco compartment is switched off, the specific fan will continue to operate to prevent the formation of unpleasant odors and mold.

Before switching off the appliance for a long period of time, remove all of the items inside and leave the doors and drawers open to prevent the formation of unpleasant odors and mold.

How to adjust the temperature for different requirements **4.2**

Each model has been carefully tested before leaving the factory and is adjusted in such a way to ensure high performance and low consumption. Usually, it is not necessary to modify the settings. Nevertheless, according to special needs, it is possible to modify the set temperatures as follows:

Refrigeration Compartment

From +2°C to +8°C (from 35.6°F to 46.4°F), the recommended preset temperature is +5°C (41°F).

To adjust the temperature use the Up/Down buttons . Upon touching these buttons the newly set temperature will appear in the display. To modify this temperature, use the buttons until reaching the desired temperature.

Fresco Compartment

From -2°C to +2°C (from 28.4°F to 35.6°F), the recommended preset temperature is 0°C (32°F).

To adjust the temperature use the Up/Down buttons . Upon touching these buttons the newly set temperature will appear in the display. To modify this temperature, use the buttons until reaching the desired temperature.

Freezer Compartment (TriMode)

From -15°C to -22°C (from 5°F to -7.6°F), the recommended temperature is preset at -18° (0°F).

To adjust the temperature use the Up/Down buttons . Upon touching these buttons the newly set temperature will appear in the display. To modify this temperature, use the buttons until reaching the desired temperature.

In case the compartment is used as refrigerator or Fresco compartment (TriMode function) the recommended and preset temperatures will correspond to those indicated for the respective compartments.



The temperature shown can vary slightly in respect to the set temperature following frequent openings of the doors or insertion of room temperature foods or large quantities of foods.

6 to 12 hours are necessary to reach the selected temperature.

Ice Maker Activation **4.3**

That Ice Maker button  located on the main control panel permits activation of the automatic icemaker. The button is lighted when the icemaker is functioning.

A prewash of the hydraulic circuit should be performed before activating the Ice Maker for the first time. To do this touch at the same time buttons Enter  and Ice Maker .

After a few minutes the Ice Maker can be activated.



Do not activate the Ice Maker unless the appliance is connected to the water mains.

Information and malfunction messages on the display **4.4**

An integrated control system provides information through lighted signals or text messages visualized on the display.

The information signal is always visualized with a fixed text message, while a malfunction signal is visualized with blinking text. The sound signal that accompanies some malfunction signals can be deactivated by pressing the Alarm button  on the main control panel.

The list of malfunction signals is located at the back of this manual.

5 Settings and Special Functions

5.1 Customization and language settings



To prevent an inadvertent change to the settings the keypad is automatically locked after a certain period of time.

To re-activate the Fhiaba Access function, press simultaneously the Fhiaba Access button  and the Down button  for at least three seconds.

It is possible to customized the functions of your Fhiaba to adapt it to diverse usage needs, resetting the main parameters (Settings) or activating special functions (Functions).

Functions are visualized on the main display by pressing the Fhiaba Access button .

The Up/Down buttons  permit scrolling the available functions, which can be selected by pressing the Enter button . The display visualizes the current functioning status.

Using the Up/Down buttons , it is also possible to scroll through the selected function, activating or deactivating by pressing the Enter button . Once the function is confirmed, the display will automatically visualize the main menu to select other functions.

At any time it is possible to return to the previous selection through the FhiabaAccess button .

The language of the messages appearing on the display can be changed by operating as follows:

Enter the Menu by pressing the Fhiaba Access button  select Settings via the Up/Down buttons  and confirm via Enter . Then select the Language function and the desired language.

5.2 Special functions activated through the Fhiaba Access Menu

To use special functions, select the Fhiaba Access button  and use the Up/Down button  to access the menu, confirming the selection Functions.

Shopping Fridge

The function lowers the refrigerator temperature to +2°C (35.6°F) for 12 hours, permitting more rapid cooling of food that has just been placed in. Once the 12 hours have expired, the function deactivates automatically, returning to the previously set temperature. It is possible to program a timed activation of the function. After a prolonged interruption of electrical current, it is necessary to reactivate the function.

How to activate

Functions →  →  Shopping Fridge →  → 
 Shopping Fridge ON/OFF →  →  Shopping Fridge On

How to deactivate

Functions →  →  Shopping Fridge →  → 
 Shopping Fridge ON/OFF →  →  Shopping Fridge OFF

How to program timed activation

Functions →  →  Shopping Fridge →  → 
 Shopping Time →  →  Set Hours: 1 → 

It is possible to program the function with a delay of 1 to 12 hours.

Vacation Fridge

This function (recommended in case of prolonged absences since it allows considerable energy savings) brings the refrigerator compartment temperature to +14°C (57.2°F). It is possible to program the duration, or it can be manually deactivated upon re-entry after a period of absence. This function remains active even if during the period of absence there is a prolonged interruption of electrical power.

- How to activate**
 - Functions → → Vacation Fridge → →
 - Vacation ON/OFF → → Vacation Fridge On →
- How to deactivate upon re-entry**
 - Functions → → Vacation Fridge → →
 - Vacation ON/OFF → → Vacation Fridge OFF →
- How to program the duration**
 - Functions → → Vacation Fridge → →
 - Vacation Time → → Set Days: 1 →

It is possible to program a period from 1 to 90 days.

Shopping TriMode

This function must be activated at least 24 hours before inserting room temperature items into the freezer, or several hours before placing into the freezer previously frozen items which have been subject to a slight temperature rise. This function is automatically deactivated when the programmed time period expires. It is possible to program timed activation of the function.

After a prolonged interruption of the electrical power, it is necessary to reactivate the function.

- How to activate**
 - Functions → → Shopping TriMode → →
 - ShoppingTriMode ON/OFF → → Shopping TriMode On
- How to deactivate**
 - Functions → → Shopping Fridge → →
 - ShoppingTriMode ON/OFF → → Shopping TriMode Off
- How to program timed activation**
 - Functions → → Shopping TriMode → →
 - Shopping Time → → Set Hours: 1 →

It is possible to program the function with a delay of 1 to 12 hours.

Vacation TriMode

This function (recommended in case of prolonged absences since it allows considerable energy savings) brings the TriMode compartment temperature to -18°C (46.4°F). It is possible to program the duration, or it can be manually deactivated upon re-entry after a period of absence.

This function remains active even if during the period of absence there is a prolonged interruption of electrical power.

- How to activate**
 - Functions → → Vacation TriMode → →
 - Vacation ON/OFF → → VacationTriMode On →
- How to deactivate upon re-entry**
 - Functions → → Vacation TriMode → →
 - Vacation ON/OFF → → VacationTriMode OFF →
- How to program the duration**
 - Functions → → Vacation TriMode → →
 - Vacation Time → → Set Days: 1 →

It is possible to program a period from 1 to 90 days.

5 Settings and Special Functions

Bottle Cooler This function can be activated when it is necessary to cool off beverages quickly, by placing them inside the freezer compartment. It is possible to select a duration of 1 to 45 minutes. A sound signal will indicated when the optimal temperature has been reached. After removing the beverages, deactivate the sound signal by pressing the Alarm button (🔔).

How to activate Functions → →  Bottle Cooler → → 
Bottle Cooler ON/OFF → →  Bottle Cooler On →

How to deactivate Functions → →  Bottle Cooler → → 
Bottle Cooler ON/OFF → →  Bottle Cooler OFF →

How to program the duration Functions → →  Bottle Cooler
Set Cooling Time → Set time : 20 min →  →

Ice Maker The IceMaker function permits selecting the size of the ice cubes, by choosing between Large (base setting) or Medium, and activation of the SuperIce function, which increases the quantity of produced ice. The SuperIce function deactivates automatically after 24 hours.

How to activate the cube size function Functions → →  Ice Maker → → 
Set Cube Size → →  Size: Large →  →

How to deactivate Functions → →  Ice Maker → → 
Set Cube Size → →  Size: Medium →  →

How to activate the SuperIce function Functions → →  Ice Maker → → 
SuperIce ON/OFF → →  SuperIce On →

How to deactivate Functions → →  Ice Maker → → 
SuperIce ON/OFF → →  SuperIce OFF →

Sabbath Mode (Optional) The function makes it possible to comply to certain religious observances requiring that the operation of the appliance is not affected by the opening or closing of the doors (the thermostatic control, the inner lighting and the ice maker are deactivated).

How to activate Functions → →  Sabbath Mode → → 
Sabbath Mode ON/OFF → →  Sabbath Mode On →

How to deactivate Functions → →  Sabbath Mode → → 
Sabbath Mode ON/OFF → →  Sabbath Mode Off →

Night Light This function activates a courtesy light to illuminated the refrigerator area in the dark.

How to activate the Night Light function Functions → →  Set Night Light → → 
Set Night Light ON/OFF → →  Set Night Light On →

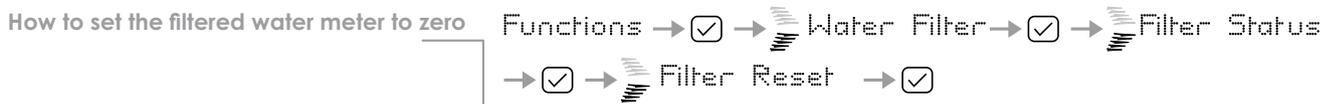
How to deactivate the Night Light function Functions → →  Set Night Light → → 
Set Night Light ON/OFF → →  Set Night Light OFF →

Water Filter The View Status function permits visualizing the exact quantity of filtered water in liters and the time left before the filter needs to be replaced.

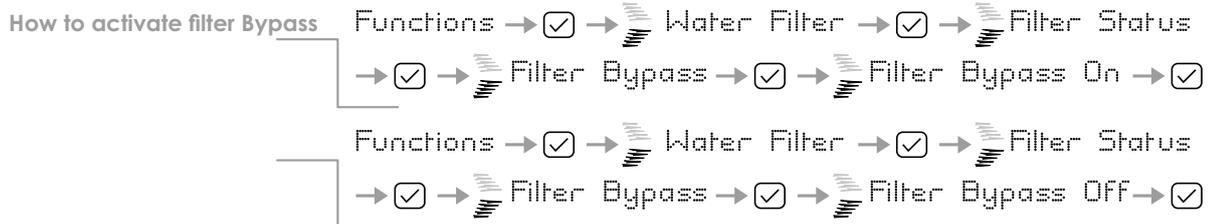


Reset Filter The Reset Filter function sets to zero the quantity of water filtered and the time left before the filter needs to be replaced. It is necessary to set the meter to zero each time the cartridge is replaced.

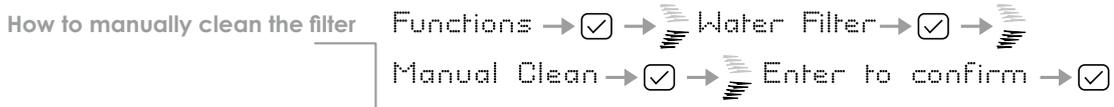
After 30 days from the appearance of the message "Replace Filter Cartridge", ice production will be suspended and the display will visualize the message "No Water". To once again activate ice production it is necessary to set the filtered water meter to zero via the Reset Filter function. The days and the liters available before filter replacement is necessary are indicated.



Bypass Filter This function is to be activated when it is not necessary to filter the water, because excellent quality water is already available from the home water system.

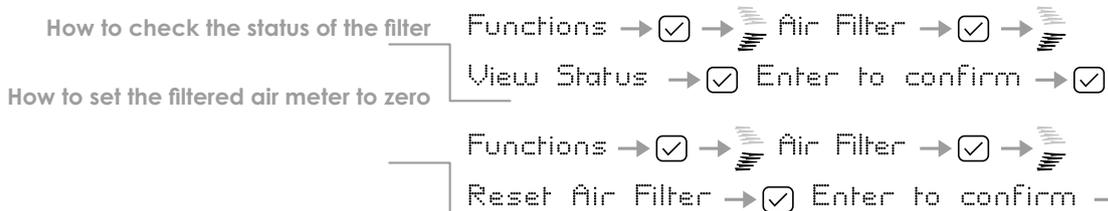


Manual Clean, Water Filter If the ice production is disabled for long period, the water circuit is automatically cleaned. Nevertheless, in particular cases, it is possible to manually intervene and perform a supplementary cleaning. Repeat the operation until the water is clean.



Correctly position the ice tray or another suitable container under the IceMaker to collect water, then close the drawer. At the end of the operation, wash the tray.

Air Filter The View Status function permits visualizing the exact quantity of filtered air in liters and the time left before the filter needs to be replaced. The Reset Filter function sets to zero the quantity of air filtered and the time left before the filter needs to be replaced. It is necessary to set the meter to zero each time the cartridge is replaced.



5 Settings and Special Functions

5.3 Basic settings of the Fhiaba Access Menu

Select the Fhiaba Access button  and used the Up/Down button  to select Settings.

TriMode Options The freezer compartment can, if required, be converted to the refrigeration or Fresco operating mode.

How to set the Fridge function Settings →  →  TriMode Options →  → 
Fridge →  Enter to confirm → 

How to set the Fresco function Settings →  →  TriMode Options →  → 
Fresco →  Enter to confirm → 

How to revert to the Freezer function Settings →  →  TriMode Options →  → 
Freezer →  Enter to confirm → 

Default Setting This offers the possibility to reset default factory settings and cancels any previous changes.

How to reset default settings Settings →  →  Default Setting → 
Enter to confirm → 

Date

Set Date The display will visualize the date in the format dd:mm:yy (day:month:year), the day will blink. Use the Up/Down buttons  to modify the setting, confirm with Enter  to go on to the next setting; once the year is confirmed the date will be set.

How to set the date Settings →  →  Date →  →  Set Date
→  DATE: 01-01-2009 → 

Show Date Using this function it is possible to deactivate/activate the date visualization on the display.

How to activate the date Settings →  →  Date →  →  Show Date
→  →  DATE: 01-01-2009 On → 

How to deactivate the date Settings →  →  Date →  →  Show Date
→  →  DATE: 01-01-2009 OFF → 

Time

Set Time The display visualizes the hours and minutes in the format hh:mm and with hh: blinking. Use the Up/Down buttons  to modify the setting and then confirm by pressing Enter  to go on to the next setting. Once the minutes are confirmed, the time will be set.

How to set the time Settings →  →  Time →  →  Set Time
→  TIME: 01:01 → 

Set 12/24 This function selects the display at 12 or 24 h.

How to set the display to 12 h Settings →  →  Time →  →  Set View →  → 
Set:12 →  → 

How to set the display to 24 h Settings →  →  Time →  →  Set View →  → 
Set:24 →  → 

Show Time Through this function it is possible to activate/deactivate the constant visualization of the time.

How to activate the permanent time Settings → → Time → → Show Time
→ → TIME: 01:01 On →

How to deactivate Settings → → Time → → Show Time
→ → TIME: 01:01 OFF →

Language The function allows selection of the language for the display messages.

Italian Settings → → Language → → italiano →

English Settings → → Language → → english →

French Settings → → Language → → français →

German Settings → → Language → → deutsch →

Spanish Settings → → Language → → español →

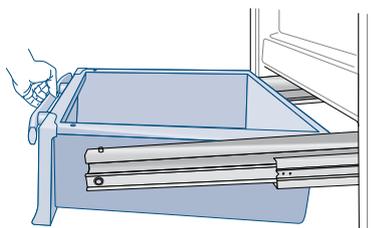
Set °C/°F This function permits visualizing the temperature in Centigrade or Fahrenheit degrees. Normally, the appliance is set for visualization in centigrade degrees.

How to set the temperature in Centigrade Settings → → Set °C/°F → → Set °C →

How to set the temperature in Fahrenheit Settings → → Set °C/°F → → Set °F →

Internal Layout (positioning, adjustment, removal) **6.1**

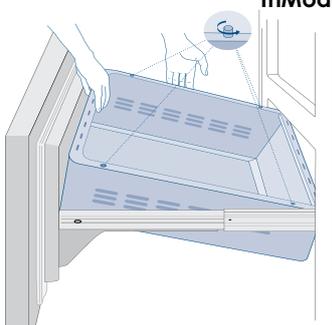
Fresco Drawer Fixed to the side guides with two locking nuts



- to remove the drawer, unscrew the locking nuts and remove the drawer

TriMode Drawer

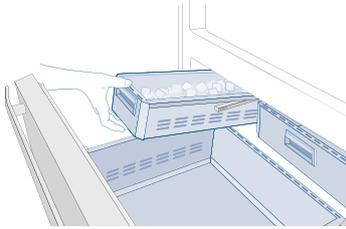
The upper TriMode can be removed using the same method used for the Fresco drawer



- to remove the lower drawer unscrew the four locking nuts.

6 Internal Layout

Ice Tray Located in the upper drawer of the freezer compartment

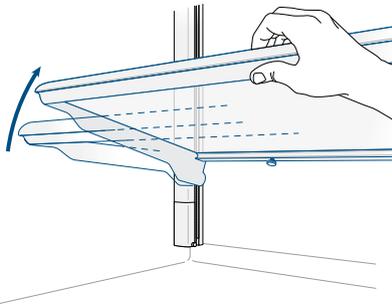


- after removal, make sure to reposition it correctly.

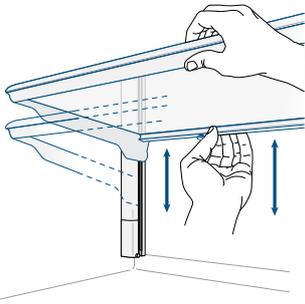


Do not place hands or fingers near the icemaker when in function.

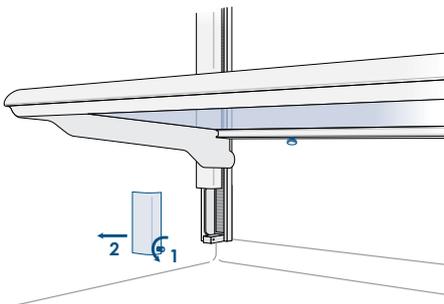
Shelves The shelves are sliding and easily positioned by the user as follows:



- pull and slightly turn the locking knob
- lift the front part of the shelf and tilt it

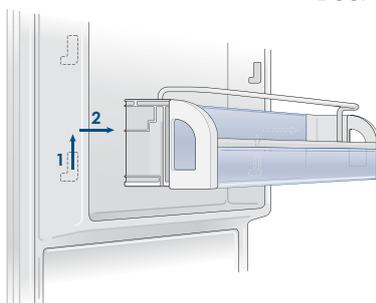


- lift or lower the shelf to the desired position
- reposition the locking knob



- to remove a shelf it is necessary to first remove the end parts of the guides (unscrew the locking nut), slide it downwards and remove it.

Door Shelves The door shelves can be easily removed for cleaning



- Hold the door shelf at the sides and push it upwards to release it from its seat, then pull it outwards.
- Reverse the procedure to reinstall



It is normal that some ice cubes stick to one another. If the ice is not frequently used, the older cubes can become opaque, and will have a strange flavor and become smaller.

The Icemaker automatically deactivates if the Vacation function is activated.

When the Icemaker is started for the first time, it is recommended to empty the full ice tray of the first ice cubes.

If the equipment has been switched off for a month or more, it is recommended to perform a water filter cleaning cycle.

To activate the Ice Maker after installation of the appliance, press the Icemaker button .

Please note that from 12 to 24 hours are necessary before ice can be harvested. The production is of 10 cubes per cycle in approximately 10 cycles in 24 hours.

The yield depends on the temperature set in the freezer, the room temperature and the frequency of door opening.

If the appliance is operating without being connected to the water system, make sure that the Icemaker is deactivated by pressing the button .

The Ice Maker produces ice until the ice tray is full and will automatically stop once the maximum level is reached.

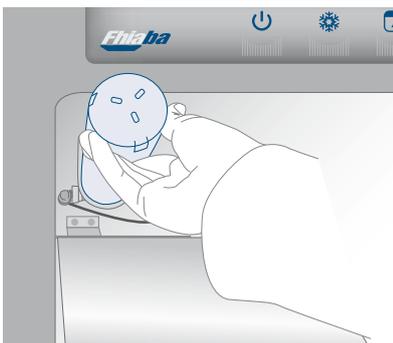
With the SuperIce function, it is possible to increase the quantity of ice produced a 24 hours, while the Set Cube Size function permits selection of the size of the produced ice cubes.

The Water Filter makes available high-quality water for the production of ice cubes. It provides up to 3000 liters of water for a maximum time of six months.



On the upper right of the command panel it is possible to monitor the use status of the filter: when the entire area is lighted the filter has just been replaced; the white lighted area indicates that the filter capacity is below 20%. When the filter is nearly expired the message "Replace Filter Cartridge" will appear on the display.

Filter Replacement

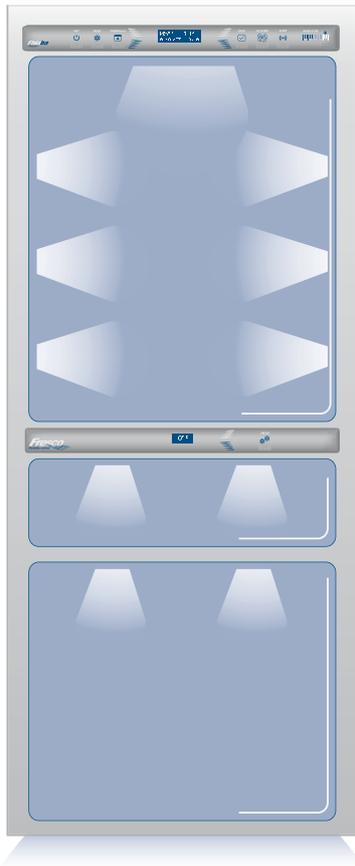


The filter is located inside the refrigerator compartment, near the door hinge, protected by a flap door. Prior to change the filter switch off the Ice Maker by pressing the IceMaker button. Then enter the Fhiaba Access Menu and set "Manual Clean" function. At the end of the cleaning cycle remove the water from the ice tray and wipe it dry.

Press the front of the flap door to open it and carefully rotate the filter cartridge for a quarter rotation in a counter clockwise direction until it detaches from its housing. It is normal for a small quantity of water to come out. Remove the cap of the new cartridge and insert it into the housing by gently rotating it for a quarter rotation in a clockwise direction until it locks into place.

8 Lighting

8.1 Lighting



To provide optimum interior lighting, LED strips illuminate the refrigerator compartment from the top and sets of LED lights directly illuminate different areas of the refrigerator compartment, of the Fresco drawers and the freezer drawer.

In case of malfunction and/or breaking down of the lighting system, the repair should be carried out only by a qualified Fhiaba Service technician.



Your Fhiaba is designed to ensure precise, constant temperatures and appropriate humidity levels in all compartments.

In addition, the double refrigeration ensures that frozen foods and ice do not absorb the odor of fresh foods and that the humidity in the refrigerator does not freeze and build up frost.

Nevertheless, to properly conserve all of your foods, it is not enough to have an excellent refrigerator. It is also necessary to know the rules for correct food conservation.

Do bear in mind that all foods will inevitably change their characteristics over the passage of time. This change begins long before the food is consumed, since foods contain micro organisms which multiply and can cause deterioration. This process occurs more rapidly due to inappropriate manipulation, conservation temperatures and humidity levels.

It is therefore recommended to follow the directions presented below which will permit using your refrigerator/freezer in the most rational and safe manner and keep your foods in the best way for as long as possible.

Bear in mind that the Fresco area is the area for conserving the most delicate fresh foods, since it ensures constant average temperature below or equal to 0°C (32°F).

Periodically check that all foods are in a perfect state of conservation. It is usually quite clear when a food item is deteriorated, due to mold, unpleasant odor and unpleasant aspect. Nevertheless, there are cases in which these conditions are not so evident. If you believe that a food item was kept for an excessive period of time and may be deteriorated, do not consume this item or even taste it, even if it seems to still be healthy, since the bacteria that cause deterioration of food can also cause poisoning and illness.

When in doubt, throw the food away.

When buying groceries

Always take the following precautions:

- Place any packages of raw meat, fish or poultry in plastic bags so that they do not drip on other foods.
- Purchase meat, poultry and fish last. Do not leave your groceries in a warm car after shopping. Keep a freezer bag in your car and use it in case of very high temperatures or long trips.
- Check the production dates and "best used within" times on foods to be sure that they are fresh.
- Be very careful when buying fresh foods, and only buy a quantity that can be consumed in a week.
- Leave warm foods at room temperature for at least two hours before placing them in the refrigerator, unless you have activated the Shopping function before.

When placing foods in

Check the refrigeration temperature of the various compartments on the control panel:

- The refrigerator temperature must be 8°C (45°F) or lower and the freezer temperature must be -18°C (0°F)
- Follow the recommendations regarding the conservation times and temperatures indicated in the tables to follow.
- Keep raw meat, fish and poultry separate from other foods and avoid any possible drippings.

- When placing foods in**
- When placing in the refrigerator your meat, fish or poultry, leave these in their original packaging, unless the packaging is ripped or punctured. Repeated manipulation could introduce bacteria into these foods.
 - To keep food in the freezer is a good idea to use freezer containers, with plastic freezer bags or aluminum foil around the freezer containers if you intend to conserve the food for more than two months. This will minimize dehydration and quality deterioration
 - Label and date the packages
 - To keep foods in the refrigerator, wrap these in plastic film or deposit them in plastic containers or vacuum packed containers to avoid drying. Always mark with the date the packages or containers.
 - Be careful to correctly position the food items on the shelves in a way that does not obstruct the air circulation vents inside the compartment.

- When preparing food**
- Wash all items that have come in contact with food
 - Carefully wash hands before and after contact with food
 - Sterilize containers, utensils and kitchen tools that have come into contact with meat, fish and poultry.
 - Sterilize sponges used to wash kitchenware weekly.
 - Use plastic gloves if you have any hand condition.
 - Defrost foods in the refrigerator or in the microwave oven, not on the countertop. If you use a microwave oven to defrost food, cook the food immediately.
 - Marinate food only in the refrigerator.
 - Rinse fish and poultry before cooking.
 - Avoid contamination when preparing dishes. Keep raw meat, fish, poultry and their liquids away from other food items. For example, do not use the same surface in the same utensils for preparing meat, fish, poultry and vegetables.
 - Keep your cutting boards perfectly clean, whether in wood or plastic.
 - Wash these with warm water and soap, and rinse with a diluted disinfecting solution.

- When cooking food**
- Do not taste raw or partially cooked meat, poultry, fish and eggs.
 - Cook meat at a temperature of 75°C (167°F) or higher. For cuts of meat over 5 cm, use a meat thermometer to check the temperature. For thinner cuts of meat, to check if it is cooked, check the color of the juice and whether it is clear or pink.
 - If you are cooking meat which is not yet defrosted, increase the cooking time one and half times the normal duration.
 - Bear in mind that roasted meat and poultry, when cooked in the oven, need temperatures of 160°C (320°F) or higher.
 - Cook the egg whites and yolks until they are well done.
 - Do not use the same containers that have contained raw or partially cooked eggs.
 - If your oven or microwave is equipped with a probe for temperature control, use it.

- When you have leftovers**
- Keep leftovers in the refrigerator or in the freezer in small closed containers. Before placing them in the refrigerator, make sure that they have cooled off. Therefore let at least two hours pass after cooking and make sure that there is adequate air circulation around the container, so that the food can cool off quickly.
 - Date leftover containers and use them within the recommended time.
 - Completely cover and heat leftovers before serving.
 - Boil sauces and soups. Consume leftovers after they have been heated to a temperature of at least 75°C (167°F).
 - If you think the food is gone bad, or when in doubt, throw it away.

Recommendations for conserving fresh food 9.3



Vegetables

Wash vegetables in cold water and dry well. Place vegetables in vacuum packed containers, plastic containers or vegetable bags in a Fresco Drawer.



Fruit

Wash and dry fresh fruit. Pack very aromatic fruit in plastic bags. Fruit should be placed in the high humidity Fresco compartment.



Packaged meat

Place in the refrigerator in its original packaging. After opening, wrap the remaining food in plastic bags or aluminum foil.



Fresh meat, fish and poultry

Remove the original packaging, then put in plastic bags or containers and immediately place in the refrigerator.



Eggs

Place the eggs in their package or container into the refrigerator without washing them. Check the "best used within" date and at any rate use the eggs within two weeks of purchasing.



Milk, cream and fresh cheeses

These should be kept in their original closed packaging. Place these on refrigerator shelves and consume these within five days of purchase.



Cheeses

Place these in the Fresco drawer in their original packaging. Once opened, close these hermetically in plastic bags or aluminum foil.

Leftovers

Let these cool off and cover hermetically with aluminum foil or place in sealed containers to prevent drying or the spread of odors.

Recommendations for conserving frozen food 9.4



Frozen food

Place food in plastic bags for the freezer. These bags must be hermetically sealed against air and humidity. Do not refreeze defrosted meat.



Ice cream

The firmness of ice cream depends on the quantity of cream that it contains. In general, high-quality ice cream has large amounts of cream, therefore a very low temperature in the freezer will be necessary to maintain its firmness.

Therefore, ice cream without much firmness is not necessarily an indication of a temperature problem as raised above normal levels.



After a prolonged interruption of electrical power, once the electrical power is reactivated, a sound signal indicates that the temperature has raised above normal levels. In addition to this the display will visualize for one minute the highest temperature detected inside the compartments, to allow the user to decide how to better use the food items.

After one minute the display will resume normal operation, while the Alarm button (🔔) will continue to blink.

Press the Alarm button (🔔) to visualize again the highest recorded temperatures.

10 Recommended times for food conservation

Fresh foods	Conservation area	Time
Raw meats		
Large cuts	Fresco Compartment	4 days
Beef steaks, poultry and wild game	Fresco Compartment	3 days
Ground meat	Fresco Compartment	1-2 days
Carpaccio	Fresco Compartment	Immediately
Cooked meat		
Boiled meat and roasted meat	Refrigerator Compartment	2 days
Meat sauce	Refrigerator Compartment	6 days
Fish		
Raw and cooked fish	Fresco Compartment	2 days
Other		
Soups and broths	Refrigerator Compartment	2 days
Pasta	Refrigerator Compartment	2 days
Opened cold cuts	Fresco Compartment	3 days
Fresh cheeses	Fresco Compartment	2-3 days
Well sealed aged cheeses	Refrigerator Compartment	Several months
Eggs (fresh and unwashed)	Refrigerator Compartment	2 weeks
Opened cans	Refrigerator Compartment	2-3 days
Raw vegetables (in perforated bags)	Fresco Compartment	1 week

Frozen foods	Conservation area	Time
Beef, veal, lamb and goat meat	Freezer Compartment (steaks)	6-12 months
Beef, veal, lamb and goat meat	Freezer Compartment (Meat with bone)	4-6 months
Ground beef	Freezer Compartment	1-2 months
Pork	Freezer Compartment (Without bones)	4-6 months
Pork	Freezer Compartment (With bones)	2-3 months
Ground pork	Freezer Compartment	1-2 months
Meat leftovers	Freezer Compartment	2-3 months
Whole chicken and turkey	Freezer Compartment	8-12 months
Goose, duck and pheasant	Freezer Compartment	4-8 months
Fish	Freezer Compartment	1-2 months
Shellfish	Freezer Compartment	2-3 months
Cooked food	Freezer Compartment	1-2 months
Vegetables	Freezer Compartment	8-12 months
Fruit	Freezer Compartment	6-12 months
Desserts and cakes	Freezer Compartment	2-3 months

Care and Cleaning 11.1



Scrupulously follow the detailed directions that can be found in the provided kit and never use abrasive or metallic products which could scratch and damage the satin finishing on the appliance permanently.

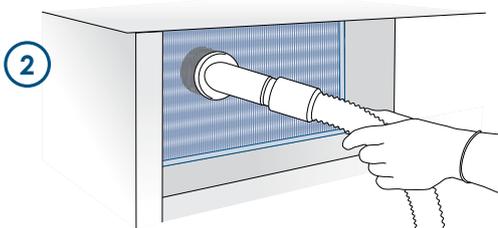
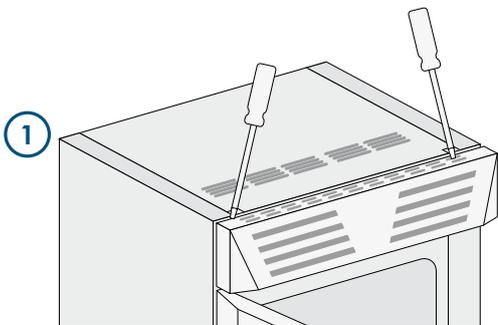
Before performing any sort of cleaning, disconnect the appliance from the electrical power supply. Make sure you do not damage the refrigerant circuit in any way.

To clean the parts in steel use a microfiber cloth and the sponge provided in the kit with the appliance. Always use the cloth and sponge in the direction of the steel's satin finish.

Every now and then, to make to steel shiny, wipe with a slightly damp microfiber cloth.

Do not use the sponge on aluminium parts, such as the handles and the profiles of the glass shelves. You should use special care to keep free of obstructions the ventilation openings in the appliance or in the cabinet that houses it.

Condenser cleaning 11.2



A ventilation grille is located either at the top of the appliance or at the bottom according to the model type.

A foam filter is placed behind the grille to protect from dust the ventilation system.

To clean it use a vacuum cleaner with a soft brush attachment at maximum power, sweeping it along the vent slits. In case of a significant dust build up, the ventilation grille can be removed to allow a more accurate cleaning of the filter.

Take care also to check the condition of the finned condenser and clean it from dust if needed.

Operate as follows:

- Switch off the appliance by pressing the Unit button  on the main control panel for approx 3 seconds.
- On models with ventilation at the base remove the screws securing the grille at the bottom and take it off. On models with ventilation at the top remove the grille, which is mounted with pressure hooks, by pulling it outward.
- In some cases you may need to free the grille from the hooks by prizing it off from the top as illustrated ①. Use a flat blade screwdriver, and to avoid damages or scratches to the grille, wrap some protective tape around the tool's end.
- Thoroughly clean the grille and the foam filter, by means of a vacuum cleaner and the soft brush attachment.
- Wait approx 30 minutes, until the finned condenser cools down to room temperature, then clean it thoroughly from any dust build up as shown in the picture, taking care not to damage it ②.
- Start up the appliance again, by pressing the Unit button  on the main control panel for approx 3 seconds.



The edges of the condenser are sharp, therefore use adequate protection for the hands and arms when cleaning the condenser.



Do not use water on the electrical parts, lights and control panel.



Do not bring cold glass parts into contact with boiling water.

Do not wash any parts of the refrigerator in a dishwashing machine since this could damage or irreparably deform the parts.

Internal cleaning 11.3

Clean the internal and removable parts by washing them with a solution of lukewarm water, a small amount of dishwashing detergent and a pinch of baking soda.

Rinse and dry right away.

Do not use mechanical devices or other methods to speed up defrosting.

12.1 Troubleshooting Guide

If you notice malfunctions in your appliance, use this guide before calling for service: this guide can help you personally resolve the problem or could provide important information to be conveyed to the service technician to ensure rapid and effective repair.

"Call Service" message	A malfunction is usually indicated by a message on the display. Problems that cannot be solved by the user are signaled through a malfunction code and the message "Call Service".
The refrigerator or the freezer does not work	Is the appliance connected to the electrical power supply? Is electrical power available at the electricity socket? Is the Unit button  activated?
The refrigerator or the freezer is warmer than usual	Does the display show a malfunction code? Is the temperature adjusted correctly? Were the doors or drawers open for a long period of time? Were large quantities of food recently inserted?
The appliance remains in function for a long time period	Bear in mind that during very hot weather and with very high temperatures in the room it is normal that the compressor remains on for prolonged periods of time. Were the doors or drawers open for a long period of time? Were large quantities of food recently inserted? Check that the doors are closed and that the food or containers do not obstruct the perfect closure of the door.
If you hear unusual noises	It is normal to hear noises from the ventilators or compressors during operation or during the defrost phase. Noise could be more marked depending on the position of the appliance and the surrounding environment.
Condensation inside and outside of the refrigerator	If the climate is very humid, the formation of condensation is normal. Opening the door or drawers for prolonged periods of time can contribute to the formation of condensation. In any case, make sure that the doors are always perfectly closed.
Ice or frost build up inside the refrigerator or freezer	Did you leave the doors open for a long period of time? Do the doors close perfectly? If the doors do not close perfectly, contact your installer. In case of frost or ice built up in the Fresco compartment, due to frequent and prolonged opening of the doors, deactivate the Fresco function for while via the button on the control panel. Wait until the frost or ice melt, then remove the drawer and dry the sides and bottom of the compartment.
Unpleasant odors inside the refrigerator	Clean the appliance completely according to the instructions. Hermetically cover all the food. Do not conserve food for prolonged periods of time.
The doors are difficult to open	The appliance is designed to ensure a fully hermetic closure. When the door is closed, a vacuum condition can occur: in this case it is necessary to wait a few seconds until the pressure balances before opening the door.

The Ice Maker does not work	Make sure that the Ice Maker is on (Icemaker button  on). To switch on the Ice Maker press the button. Make sure that the appliance is connected to the water supply.
The Ice Maker does not produce sufficient amounts of ice	On average, the Ice Maker produces approximately 10 cubes of ice every two hours.
The ice cubes freeze into one block	If the ice is not used frequently, it is possible that blocks of ice may form. It is recommended to remove the block of ice cubes and then let the Ice Maker fill the ice tray again.
The ice has an unusual flavor or color	When the Ice Maker is started for the first time, it is recommended to empty the first full tray of ice cubes. If the refrigerator was switched off for more than one month or if the cartridge was not changed for more than six months, it could be necessary to replace the filter cartridge. Contact a plumber or a water treatment expert to make sure that the problem is not due to the water supply.

Malfunction indications appearing on the display 12.2

Display message	Malfunction description
Power Failure	Prolonged interruption of electrical power the appliance resumes work automatically, the display shows the warmest temperatures achieved
Fridge door open	Fridge door open the message appears after one minute from the door opening
Freezer door open	Freezer door open the message appears after one minute from the door opening
No water	No water filter not replaced when required or filter status not reset after replacement
Replace filter cartridge	Replace filter cartridge message appears when only 30% of filter capacity is left
Water circuit problem	Water circuit problem water leak or fault to the water system: call Customer Care for advice
Fridge too warm	Fridge too warm see Troubleshooting Guide
Fridge too cold	Fridge too cold wait for 12 hours: if malfunction persists call Customer Care for advice
Frischfach too warm	Fresco Compartment too warm see Troubleshooting Guide
Frischfach too cold	Fresco Compartment too cold wait for 12 hours: if malfunction persists call Customer Care for advice
Freezer too warm	Freezer too warm see Troubleshooting Guide
Freezer too cold	Freezer too cold wait for 12 hours: if malfunction persists call Customer Care for advice
Error Code... Call service	Functioning problems call Customer Care who may put you in contact with the nearest Fhiaba Service Agent

13 Before calling for service

13.1 Before calling for service

If our recommendations were not sufficient to solve the problem, please get in touch with our **Customer Care Center** for further support via our website at

www.fhiaba.com

or by sending an email to

customercare@fhiaba.com

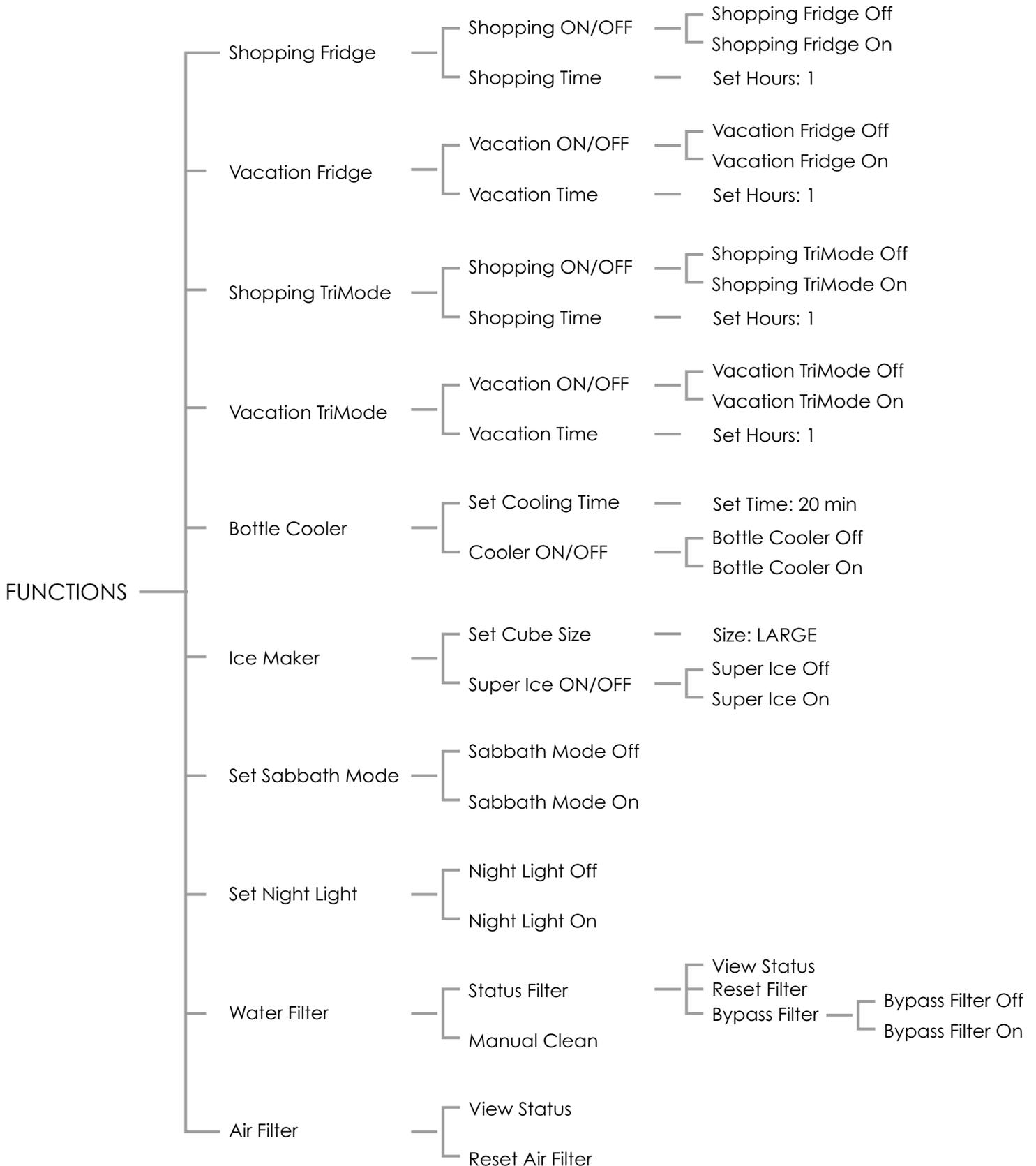
You can also contact us on the phone at

800-344222 (800-FHIABA)

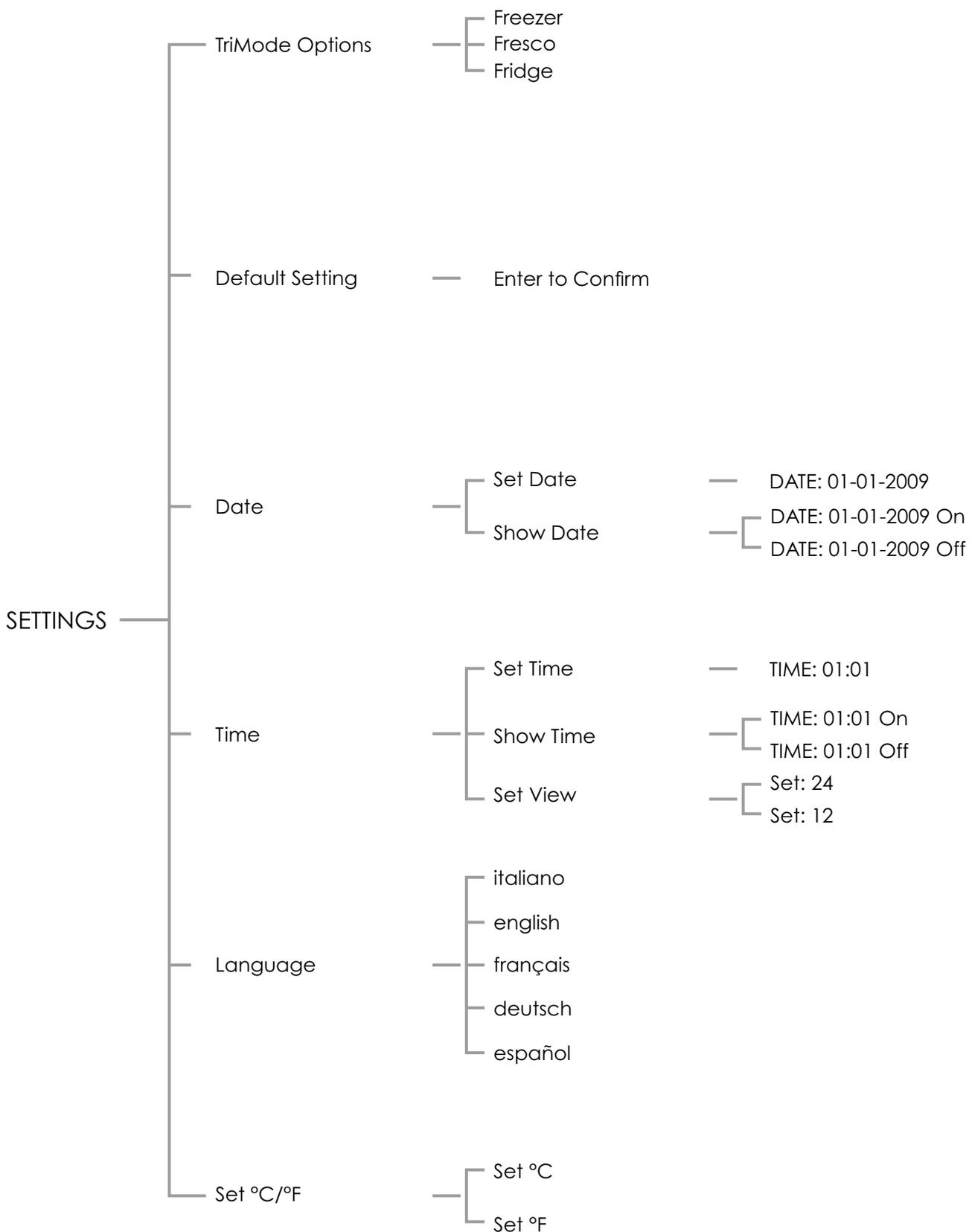
If necessary, we will place you in contact with the **Fhiaba Service Center** nearest to you.

Before calling, write down the model type and serial number and any messages which may have appeared on the display.

This information is available on the warranty certificate and on the rating plate which is located on the inside the refrigerator compartment (behind the water filter flap door on models provided with Ice Maker).



14.2 Setting



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Baron Industries srl is constantly researching new way to improve the features and the design of their products, therefore models are often upgraded and reviewed.



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