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Important!

SAVE THESE INSTRUCTIONS

The models shown in this User Guide may not be available in all markets and are subject to change at any time. For current details about model and specification availability in your country, please visit our local website listed on the back cover or contact your local DCS by Fisher & Paykel dealer.

Note that the word "refrigerator" throughout this User Guide, refers to combination refrigerator/freezer products.

⚠ WARNING!**Electric Shock Hazard**

Read and follow the SAFETY AND WARNINGS outlined in this User Guide before operating this appliance.

Failure to do so can result in death, electric shock, fire or injury to persons.

Use this appliance only for its intended purpose as described in this User Guide.

Important safety precautions

Warning

When using this appliance always exercise basic safety precautions including the following:

Danger

- *This appliance is not intended for use by children or infirmed persons without supervision. This is especially important when using the freezer drawer compartment. Young children should be supervised to ensure they do not play with the appliance.*
- *Risk of child entrapment. Before you throw away your old refrigerator or freezer:*
 - *Take off the doors*
 - *Leave the shelves in place so that children may not easily climb inside.*

Disposal

- *Extreme care must be taken when disposing of your old appliance to avoid hazards. The refrigerant gas must be safely removed and for the safety of young children, remove doors.*
- *Your DCS Authorized Service Agency or DCS Customer Care Representative will be able to give advice on environmentally friendly methods of disposing of your old refrigerator or freezer.*

Electrical

- *This appliance must be properly installed in accordance with the installation instructions before it is used.*
- *Never unplug your refrigerator by pulling on the power cord.*
- *Always grip the plug firmly and pull straight out from the outlet socket.*
- *Do not plug in any other appliance at the same power point outlet socket as your refrigerator or use extension cords or double adapters.*
- *Repair or replace immediately all electric service cords that have become frayed or otherwise damaged. Do not use a cord that shows cracks or abrasion along its length or at either the plug or appliance end.*
- *If the power supply cord is damaged, it must only be replaced by your DCS Authorized Service Agency because special purpose tools are required.*

Safety and warnings

- *When moving your appliance back against the wall, be careful not to roll over or damage the power cord.*
- *Unplug your refrigerator before cleaning or replacing the interior lightbulb.*

Storing food and drinks

- *Never store volatile or flammable materials in your refrigerator or freezer as they may explode.*
- *Never freeze liquids in glass containers. Liquid expands during freezing, which may cause the container to explode.*
- *Never freeze carbonated drinks. They may explode.*
- *Do not consume food if it is too cold. Food removed from the freezer compartment may be cold enough to cause damage when brought into contact with bare skin, eg frozen ice cubes.*

Power failure – food safety

- *Do not refreeze frozen foods that have thawed completely. Follow the recommendations below if you discover food in your freezer has thawed:*
 - 1) *Ice crystals still visible – food may be refrozen but should be stored for a shorter period than recommended.*
 - 2) *Thawed but refrigerator cold – refreezing generally not recommended. Fruits and some cooked food can be refrozen but use as soon as possible. Meat, fish, poultry – use immediately or cook then refreeze. Vegetables – discard as they usually go limp and soggy.*
 - 3) *Thawed and warmer than 41°F (5°C) – discard all food.*
- *Do not refreeze frozen foods that have thawed completely. The food may be dangerous to eat.*

Important!

Cleaning

- *Many commercially available cleaning products contain solvents which may attack plastic components of your refrigerator and cause them to crack. Please refer to the cleaning section of this booklet for further advice.*

SAVE THESE INSTRUCTIONS

⚠ WARNING!**Electric Shock Hazard**

Read and follow the **SAFETY AND WARNINGS** outlined in this User Guide before operating this appliance, pages 3 – 4.

Failure to do so can result in death, electric shock, fire or injury to persons.

Please follow the steps for installation to ensure your appliance operates correctly.

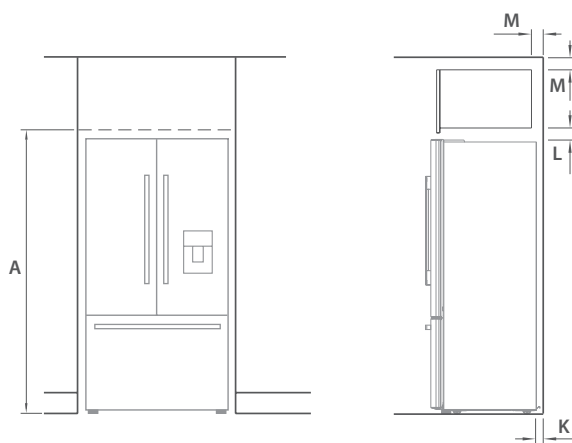
1. Power

- The appliance must be installed so the plug is accessible.
- To ensure that the appliance is not accidentally switched off, connect your refrigerator to its own power point. Do not plug in any other appliance at this power point or use extension cords and double adaptors, as the combined weight of both power cords can pull the double adaptor from a wall outlet socket.
- For power requirements, refer to the information on the serial plate located at the front bottom right-hand side of the refrigerator when the door is open.
- It is essential that the appliance be properly grounded (earthed).

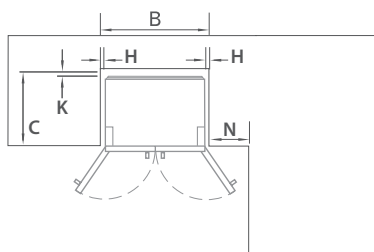
2. Location

- Your refrigerator should not be located in direct sunlight or next to any heat generating appliance such as a cooktop, oven or dishwasher.
- As your product is an Ice & Water model, a water supply must be available to connect to the refrigerator. Refer to page 8 for ice and water installation instructions.

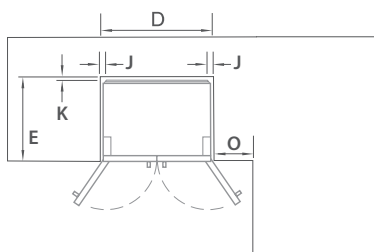
RF195A



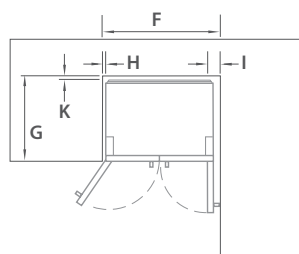
Flush with refrigerator chassis – full door rotation



Flush with refrigerator door – full door rotation



Flush with refrigerator door – 90° door rotation



3. Ventilation and installation

- To ensure adequate ventilation for your refrigerator and its correct operation see recommended cabinetry dimensions below.
- The appliance is intended to be placed against a wall with a free distance not exceeding 3" (75 mm).

Cabinetry dimensions (including minimum air clearances)	RF195A	
	inches	mm
A inside height	70 1/2	1791
Flush with refrigerator chassis – full door rotation		
B inside width	36	915
C inside depth	24 1/2	622
Flush with refrigerator door – full door rotation		
D inside width	46 1/4	1175
E inside depth flush to flat door	27 3/8	696
Flush with refrigerator door – 90° door rotation		
F inside width	44 1/2	1130
G inside depth flush to flat door	27 3/8	696
Minimum clearances		
H side clearance	3/16	5
I side clearance – hinge side flush with door – 90° rotation	3 9/16	90
J side clearance – hinge side flush with door – full rotation	5 5/16	135
K rear clearance (incl. rear compartment cover)	1	25
L top clearance	1 3/4	44.5
M vent	2	50
N door clearance – hinge side flush with chassis – full rotation	16 5/16	415
O door clearance – hinge side flush door – full rotation	11 1/4	285

Note: an integration surround kit is available through your local DCS dealer or Authorized Service Agency to trim a 72" high x 36" wide cabinetry opening. This requires no rear cabinet venting (M).

4. Water connection

Important!

- *It is important that all installations meet local plumbing code requirements. If you are unsure, consult a licensed, qualified plumber.*
- *Connect 1/4" (6.35 mm) OD copper tubing to household plumbing to ensure compliance with local codes and compliances.*
- *The new connections supplied with the refrigerator are to be used. Old connections from old Ice & Water products should not be used.*

Installation precautions/warnings

- *DO NOT use the Ice & Water system with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.*
- *CONFIRM inlet water pressure to refrigerator connection is between 35 psi and 100 psi. This applies to reverse osmosis systems. If the pressure from your reverse osmosis system is lower than this, consult a licensed, qualified plumber.*
- *DO NOT connect or use on hot water supply (100°F (38°C) max).*
- *DO NOT install where electrical wires or water pipes may be located behind the wall and in the path of drilling.*
- *CHECK for any water leaks before placing refrigerator in its final position. Recheck for leaks after 24 hours. Water damage due to an improper water connection may cause mold / mildew growth. Clean up spills and leakage immediately.*
- *DO NOT use a self piercing or 3/16" (4.7 mm) saddle valve. Both reduce the water flow, can become clogged over time, and may cause leaks if repairs are attempted.*
- *USE copper tubing only to run from the incoming water supply to the refrigerator. Plastic tubing is not recommended.*

Tools needed

- 1/4" (6.35 mm) outer diameter soft drawn copper tubing. There should be less than 10 feet (3 meters) from the inlet connection to the refrigerator. The tube needs to easily cover the distance.
- Shut-off valve (requires a 1/4" (6.35 mm) hole to be drilled into the water supply line before valve attachment).
- Adjustable wrench.
- 1/4" (6.35mm) hex nut driver.

Note:

- Use copper tubing only for installation. Plastic tubing is not recommended.
- Add 8' (2440 mm) to the copper tubing length needed to reach the water supply for the creation of service loop in the pipe when the cabinet is pushed back against the wall.

Water connection

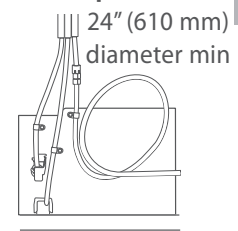
- 1 Ensure that the refrigerator is NOT plugged into a power supply.
- 2 Locate a cold water supply/feed only suitable for a water connection. Tee & tap fittings are not supplied. If you can't find the connection faucet, contact an authorized plumber in your state or town to fit your water connection.
- 3 Create a service loop with copper tubing (minimum 24" (610 mm) diameter). Avoid kinks in the copper tubing when bending the service loop. Do not use plastic tubing from the water supply connection. (Refer to Step 3 diagram).
- 4 Remove plastic cap from the water valve inlet port. (Refer to Step 4 diagram).
- 5 Place brass nut (a) and sleeve/olive (b) on copper tube end as illustrated. REMINDER: Do not use an old sleeve. The nut and sleeve are provided in the Use & Care packet (refer to Step 5 diagram).
- 6 Bend to shape tubing slightly – do not kink – so that the tubing feeds straight into the inlet port. Place end of copper tubing into water valve inlet port.
- 7 Slide brass nut (a) over sleeve/olive (b) and screw nut into inlet port. Place adjustable wrench on nut (1) attached to plastic waterline and maintain position. Using a second adjustable wrench, turn the lower nut (2) clockwise and fully tighten while holding the upper nut in place (refer to Step 7a/7b diagram).

Important!

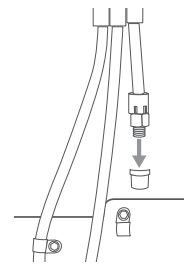
Do not over-tighten. Take care not to cross thread.

- 8 Pull on tubing to confirm connection is secure. Connect tubing to frame with water tubing clamp (c) and turn on water supply. Check for leaks and correct if necessary prior to moving the refrigerator to its permanent location (refer to Step 8 diagram).
- 9 Monitor water connection for 24 hours. Fix leaks if necessary.

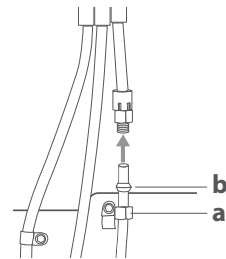
Step 3



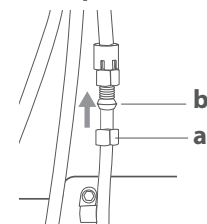
Step 4



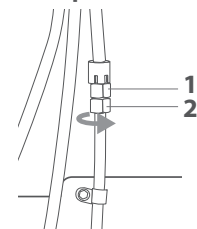
Step 5



Step 7a



Step 7b



Step 8

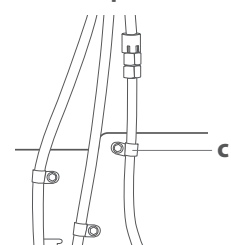


Fig.2 Connecting the water supply

5. Installation

Your DCS refrigerator is fitted with front and rear rollers, designed for moving the product in the forwards and backwards direction.

Avoid moving the product in a sideways direction as this may damage the rollers or the floor covering/surface.

- 1 Your refrigerator will arrive with the front leveling feet wound up making moving this product into its final location a simple task.
- 2 Roll the refrigerator into its final position making sure there is the correct air gap between the product and the surrounding cabinetry. See minimum clearance in cabinetry dimensions table (refer to page 7).
- 3 Using a hex headed screwdriver, or socket set, turn the front adjustment screws (**a**) clockwise to raise the product and counterclockwise to lower the front of the refrigerator.
- 4 Ensure product is sitting backward with the front approximately $\frac{3}{8}$ " (10 mm) higher than the back. This will ensure a good door-closing action.
- 5 Align your refrigerator with cabinetry:
 - a Align the sides of the refrigerator with cabinetry by adjusting the right-hand side adjustment screw.
 - b Adjust the left-hand side adjustment screw until it touches the floor and takes a small amount of weight.
 - c Once the refrigerator is in place and aligned with the cupboards/alcove, push gently on the front top and check if the product is rocking or stable. If the product is rocking, refer to steps 7 – 10.
 - d If the product is stable and no door leveling is required, place toe grille onto the bottom of the product (refer to figure 4):
 - Align the toe grille mounting clips with the lower cabinet slots.
 - Push the toe grille firmly until it snaps into place.

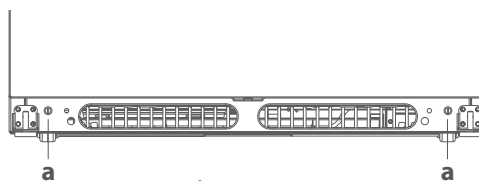


Fig.3 Adjustment screws

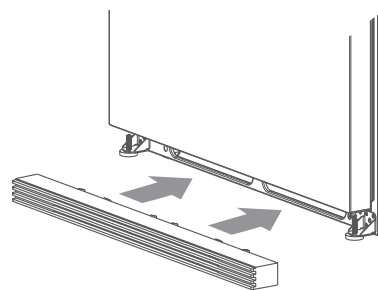


Fig.4 Toe grille installation

6. Leveling the refrigerator door

- 6 If doors are uneven, do the following:
 - a Determine which door needs to be raised.
 - b Turn the front roller adjustment screw (a, Fig.3) on that side clockwise to raise front corner of door.
 - c If one adjustment screw has reached the limit of its adjustment range and the doors are still not level, lower the opposite door by turning the roller adjustment screw counterclockwise.
 - d Check with level to verify $\frac{3}{8}$ " (10 mm) tilt to the back for proper door closure.
 - e Once refrigerator is aligned, screw feet firmly in place and attach toe grille (refer to step 5d).

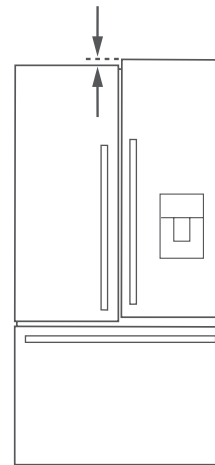


Fig.5 Uneven door alignment

7. What to do if the product is unstable

- 7 Gently pull the refrigerator forward and screw down the feet until they make contact with the floor.
- 8 Push the refrigerator back until the rear rollers contact the floor.
 - a Measure the gap under the front foot, which has come off the floor.
 - b Obtain some solid packing material (hardwood, plastic, etc), which fits firmly into the gap under the foot.

Note: do not use metallic materials that may corrode, stain and/or damage floor coverings.

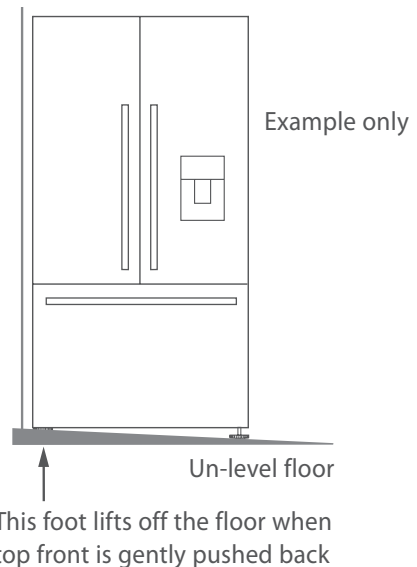


Fig.6 Unstable refrigerator

Installation instructions

- 9 Wind both front feet up and roll the product out of position.
 - a Place the packing material in the location diagonally opposite the front roller that lifts off the floor.
 - b Make sure the packaging material stays in place when the product is pushed back into position.
 - c Ideally, the packing material is large enough to rest against the back wall so as to prevent it moving when the cabinet is pushed into position.

- 10 Roll the refrigerator back into position and adjust front rollers as per step 5 (check alignment and door closing action are satisfactory).
 - a Make small adjustments to front rollers where necessary.
 - b Firmly screw front feet down on the ground.
 - c Check that the product is stable (all 4 feet are on the floor). If not, return to step 7 and repeat 8, 9 and 10.
 - d Place toe grille on the bottom of the refrigerator (refer to step 5d).

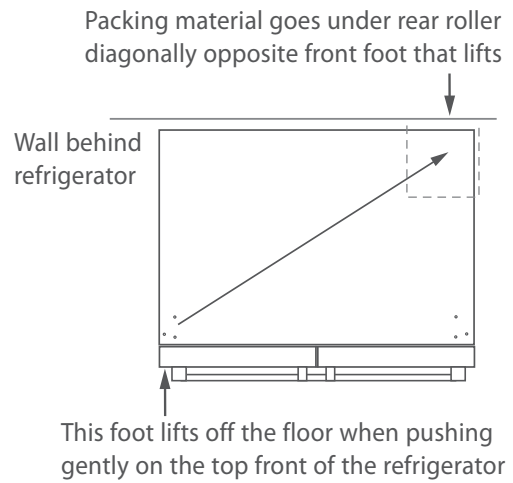


Fig.7 Stabilizing your refrigerator

Before placing food in the fresh food or freezer compartments

- Remove all packaging. Ensure that all transit clips/tape are removed from the refrigerator.
- Clean the inside of the appliance with a mix of warm water, a little liquid detergent and a soft cloth to remove manufacturing and transportation dust.
- Allow the refrigerator and freezer to run empty for 2 – 3 hours to allow each compartment to cool to the appropriate temperature.
- The appliance may have an odor on its initial operation, but this will go when the refrigerator and freezer have cooled sufficiently.

Energy efficiency

For the most energy efficient use of your appliance:

- Ensure your refrigerator has adequate ventilation as recommended in the installation instructions.
- Do not cover your appliance with any material that will prevent air from flowing around the cabinet sides.
- Allow good clearances in front of air ducts within the cabinet for maximum cold air distribution.
- Cool hot foods down before placing them in the appliance.
- Do not overfill the compartments.
- Keep door openings to a minimum.
- Select a temperature setting that isn't too cold.
- Check your door seals for leaks.

Moving or storing your refrigerator

If your refrigerator loses power for any reason, or you turn it off, wait 10 minutes before restoring power. This will allow the refrigeration system pressures to equalize before restarting.

Moving your refrigerator

- Turn off the appliance and unplug from the power point. Remove all food. Disconnect water supply if connected.
- Turn the adjustable leveling feet to the right as far as they will turn (refer to page 10).
- Ease the refrigerator out of its position. Tuck the power cord away, tape the doors closed and tape the shelves in place. If the cabinet needs to be placed at an angle or laid down, carefully lay it on its side (the right hand side when viewed from the front).
- Relocate and install. If the appliance has been left on its side for any length of time, leave it standing upright for at least 10 minutes before turning on.

Storing your refrigerator or freezer

- When storing your cleaned appliance, leave the doors open. This allows air to circulate and prevents the build up of bacteria and moulds.
- Before using again, clean well using a mixture of warm water and baking soda (add 1 teaspoon of baking soda to each 1 pint (500 ml) of water). Rinse with clean water.

Holiday / vacation time

We recommend you leave your refrigerator operating while you are on holiday / vacation.

The *ActiveSmart*™ system that controls your product is highly intelligent. It automatically senses how often and how much you use it, and regulates its power consumption accordingly.

- 1 Install the water filter into the water filter housing, located in the upper right-hand corner of the fresh food compartment:
 - a Open the filter housing by pressing the tab at the front end of the housing.
 - b Remove the blue bypass cap and retain for later use (refer to figure 8).
 - c Remove the sealing label from the end of the filter and insert into the filter head.
 - d Gently rotate the filter clockwise until it stops and then close the filter housing cover (refer to figure 9).

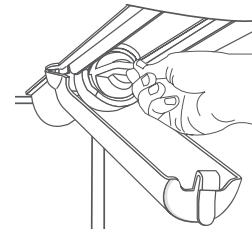


Fig.8 Filter housing and bypass cap

- 2 The first time you dispense water, there will be a delay while the water tank fills up.
- 3 Dispense at least 8 – 10 qt (8 – 10 L) of water through the system, stopping intermittently to ensure air in the tank is flushed out. Failure to do this will result in excessive dripping from your dispenser.

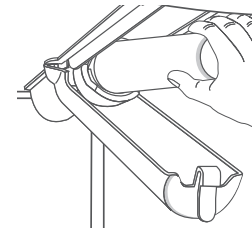







Fig.9 Filter housing and filter

- 4 Next, flush your ice maker to ensure good quality ice:
 - a Press  until the icemaker menu is highlighted, then press  to turn on the ice maker.
 - b Press    together for 4 seconds to force a cycle. The ice tray will flip.
 - c Force another cycle. The ice tray will flip and spill the water into the ice bin.
 - d Empty water and replace the bin.
 - e Discard ice made in the first 12 hours of use.
- 5 You are now ready to enjoy chilled water and ice dispensing from your *ActiveSmart™* refrigerator. Please note that once installation is complete, a few drips may appear out of the dispenser over the next few days as the remaining trapped air is cleared. This is normal.

Important!

- *All connections must be checked for leaks*
- *If you are unsure of the connection process, and/or leaks then contact your local plumber to install and check the system for you.*

All about the display

The display screen lets you view and modify all the features and options on your refrigerator. For example, you can change the temperature in your fresh food and freezer compartment, or select the Fast Freeze function when you want to quickly freeze meat. You may want to also quickly chill a bottle of wine using Bottle Chill when friends arrive unexpectedly.

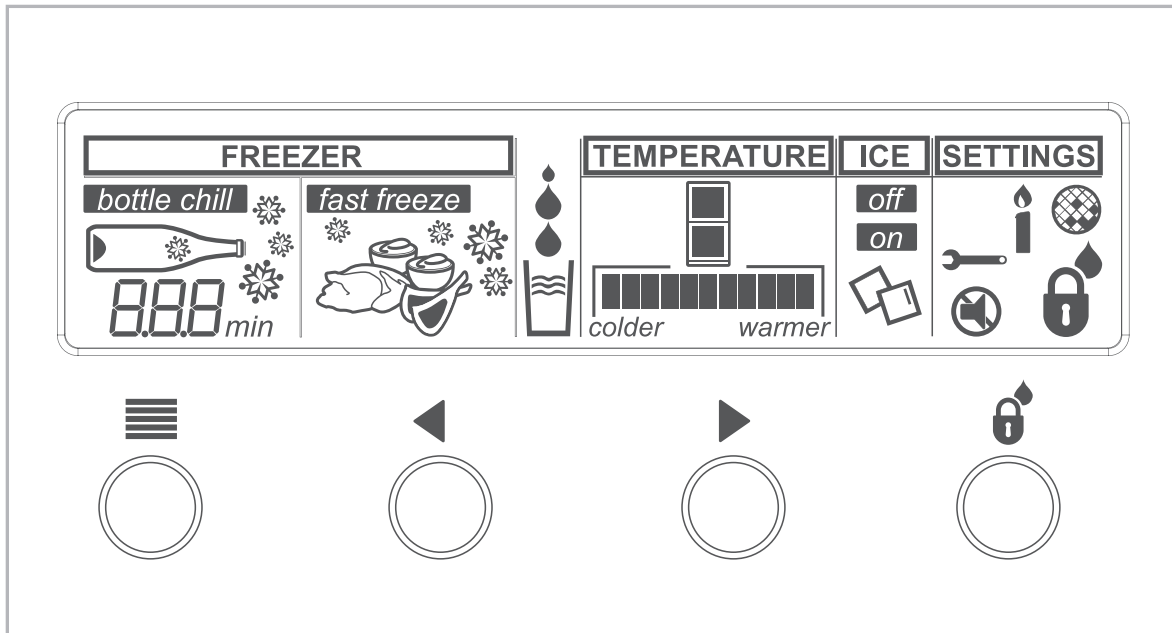









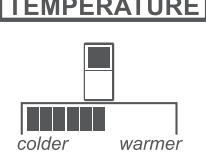







Fig.10 Electronic control panel

Keys

For more detailed information on these functions please refer to pages 17 – 25.

	<p>Main menu</p> <hr/> <p>Scrolls through the main menu. (Freezer, Temperature, Ice, and Settings).</p>
	<p>Arrow keys</p> <hr/> <p>Scrolls through the settings of each function.</p>
	<p>Key and Dispenser Lock</p> <hr/> <p>Locks buttons and water dispenser.</p>

Display features

	<p>Freezer (page 18)</p>
	<p>Bottle Chill (page 18)</p>
	<p>Fast Freeze (page 18)</p>
	<p>Dispensing water (page 21)</p>
	<p>Temperature (page 19)</p>
	<p>Ice (pages 24 – 25)</p>
	<p>Settings/User alerts (pages 19 – 20)</p>
	<p>Key Silent Mode (page 19)</p>
	<p>Dispenser and Key Lock (page 19)</p>
	<p>Key Lock – disables the button (page 19)</p>
	<p>Sabbath Mode (page 20)</p>
	<p>Filter Reset (page 20 and 23)</p>
	<p>Service/Fault Diagnosis (page 20)</p>















Using the display options



Bottle Chill

This function allows you to chill your beverages in the freezer without the worry of forgetting about them. The time taken to chill depends on the size of your beverage. Bottle Chill allows you to customize this chill time.

Recommended times:

- 20 minutes – can or small bottle
 - 25 minutes – wine bottle or similar size beverage
 - 30 minutes – larger bottle
- To activate, use  button until the bottle chill icon () is showing on the  screen. Then use the  or  buttons until the snowflakes () and the minute timer () are displayed on the Bottle Chill screen.
 - Then use the  button to select 10, 15, 20, 25 or 30 minutes as displayed on the Bottle Chill screen. After several seconds, the snowflakes will then animate as the timer counts down.
 - An alarm will sound after the amount of time selected has elapsed.
 - Press any button on the display to silence the alarm. Remember to remove the beverage from the freezer.
 - To deactivate Bottle Chill manually, use the  button to scroll to the bottle chill icon () on the  screen, then use the  and  buttons until no minutes are shown on the screen and the snowflakes () are no longer visible.
 - If you remove your beverage from the freezer and it is not chilled to your liking, reset the timer to 10 minutes and place the beverage back into the freezer.

Important!












Do not leave the bottle inside the freezer longer than the time needed for chilling, as glass bottles may explode.

fast freeze



Fast Freeze





We have created the Fast Freeze feature to help you to get the best possible results when freezing fresh food. Fast Freeze boosts the freezing speed by dropping the freezer to its coldest temperature for 12 hours, which helps to ensure vital freshness, texture and taste are retained during the freezing process.

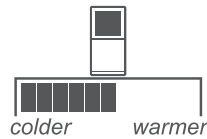
- To activate, use the  button until the Fast Freeze icon () is showing on the  screen. Then use the  or  buttons until the snowflakes () are displayed on the Fast Freeze screen. The animating snowflakes indicate that Fast Freeze has been activated.
- To deactivate the function manually, use the  button to scroll to the Fast Freeze icon () on the screen. Then use the  and  until there are no snowflakes () present on the screen.

For best results, we recommend that you activate the function approximately 2 hours before it is required. Alternatively, activate it when placing food into the freezer.

Note: the Bottle Chill and Fast Freeze option cannot be used at the same time.

The temperature of your refrigerator and freezer

- When the refrigerator is first turned on it will take approximately 2 to 3 hours to cool.
- To adjust the temperature of a compartment, use the  button to scroll to the **TEMPERATURE** screen, use the  button to select the compartment you want to change.
- The temperature can then be adjusted using the  button to make the compartment warmer or the  button to make the compartment colder.
- The temperature setting will be indicated on the icon below.








It is important to have your refrigerator set to the correct temperature. Setting it too cold may cause some items in the refrigerator to freeze, and setting it too warm will decrease the storage life of your food.

- For further information on food storage refer to the Food Care section (pages 34 – 36).





Settings

Key Silent Mode

- The Key Silent Mode allows you to silence all key presses.
- It can be activated or deactivated by using the  button to scroll to the **SETTINGS** screen and then pressing the  or  buttons.
- When the Key Silent Mode is on  will appear.
- When this function is off  will appear.

Note: Faults, Bottle Chill timer and the door alarm will still sound when the refrigerator is set on Key Silent Mode.

Dispenser and Key Lock

- The Dispenser Lock disables the buttons and prevents water from being dispensed.
- Key Lock disables the buttons.
- Activate by holding down  on the display panel.
- After 2 seconds  icon will appear indicating Dispenser Lock is activated.
- After 2 more seconds  icon will appear indicating Key Lock is activated.
- To de-activate, hold down  on the display panel for 2 seconds.

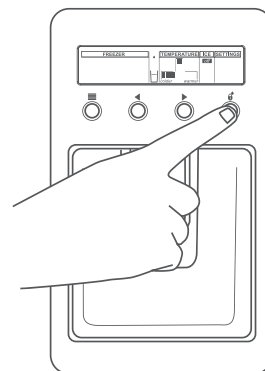





Fig.11 Dispenser and Key Lock

Using the display options

Sabbath Mode

- In Sabbath Mode alarms, lights and displays are deactivated.
- Sabbath Mode can be activated or deactivated by holding down the , ,  buttons for 4 seconds.

Once in Sabbath Mode:

- The interior light will not turn on when the refrigerator is opened.
- The door alarm will not operate.
- The display will not be illuminated.
- Electronic control panel will not work.

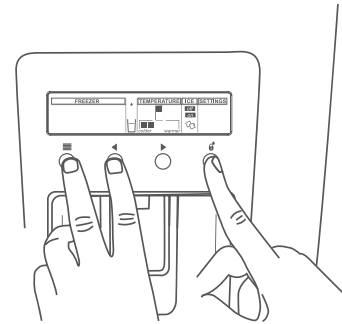



Fig.12 Sabbath Mode

Note: if power is turned off the refrigerator will automatically continue in Sabbath Mode once power is restored. Sabbath Mode will automatically de-activate after 80 hours.


User warnings

Your refrigerator is clever enough to diagnose its own problems. It will alert you when there is a fault.

Filter reset

The filter reset icon  will appear when the water filter needs changing. This will flash when dispensing water. To change the filter and reset the filter icon refer to pages 22 – 23.

Fault

- In the unlikely event a fault occurs the  icon appears on the front of the display and a fault code will be displayed on the left in the FREEZER screen.
- When the door is open the refrigerator fault alarm will sound. To silence this press any button on the display.
- Please take note of the fault code and contact our Customer Care Center. Details of Customer Care phone numbers can be found in the back of this book.

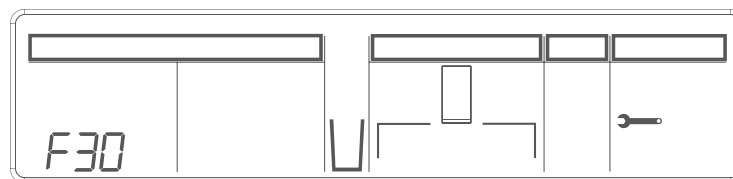



Fig.13 Fault code display

Dispensing

- Your water dispenser has been designed for one-handed operation.
- To dispense water push the dispensing pad gently, using a glass or container.
- When you dispense water, a light will appear above the dispensing area and on the display screen. The water fill icon  will also appear.
- To stop the flow of water, simply pull your glass away from the dispensing pad.

Please remember that pressing very hard against the dispensing pad will not make the dispenser operate faster or produce greater quantities of water.

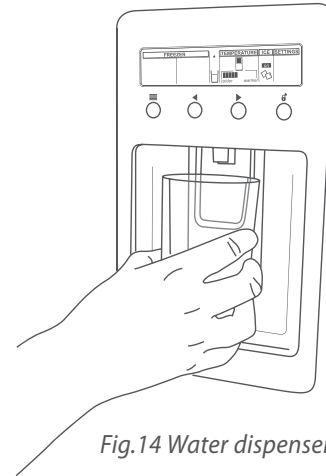


Fig.14 Water dispenser

First use

- After installation, on the first use, allow approximately a one minute delay while the dispensing pad is pushed until water is dispensed. This will allow the tank to fill completely.
- After you fill the tank for the first time, dispense and discard approximately 8 – 10 qt (8 – 10 L) stopping intermittently to flush the tank out.

Important!

To avoid damage to property or personal injury do not put hands, fingers or objects up the dispenser opening.

Please note that once installation is complete a few drips may appear out of the dispenser over the next few days as the remaining trapped air is cleared.

Drip Tray

- The drip tray is designed to fit into the lip at the bottom of the water dispenser panel.
- To insert the tray always ensure that the rounded sides are fitted into the dispenser panel first.
- The purpose of the tray is to capture any odd drips of water that may fall after dispensing.
- The tray can be easily removed for cleaning (see page 29).

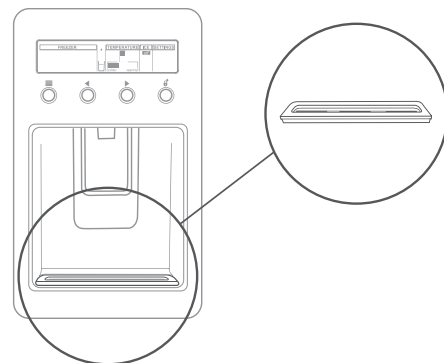



Fig.15 Drip Tray

All the water that enters your refrigerator is filtered through a cartridge located in the top, right-hand side of the refrigerator compartment to remove impurities. Like all filters, this will need changing every 12 months. This time may vary depending on the quality of the incoming water and how much you use the dispenser.

- There is a replacement water filter icon  on the control panel which will appear when the filter needs replacing. It will flash, as a reminder, when water is dispensed.
- To purchase a replacement water filter cartridge (part number 13040210), contact your dealer or call 1.888.9.FNP.USA (1.888.936.7872).

Changing the water filter cartridge

Important!

- *After installing a new water filter, always dispense water for two minutes before removing the filter for any reason.*
- *Air trapped in the system may cause water and cartridge to eject. Use caution when removing.*
- *The bypass cap does not filter water when fitted. Be sure to have replacement cartridge available when filter change is required.*
- *If water filtration system has been allowed to freeze, replace filter cartridge.*
- *If the water system has not been used for several months, or water has an unpleasant taste or odor, flush the system by dispensing 8 – 10 qt (8 – 10 L) of water. If unpleasant taste or odor persists, change filter cartridge.*

- 1 Open filter housing cover by pressing gently on the tab at the front.
- 2 Turn filter counterclockwise until it releases from the filter housing head.
- 3 Drain water from filter into sink, and dispose in normal household trash.
- 4 Wipe up excess water in filter housing cover.
- 5 Remove the sealing label from the end of the new filter and insert into the filter head housing.
- 6 Gently rotate the filter clockwise until it stops and then close filter housing cover.
- 7 Reduce water spurts and drips by flushing air through the system. Do this by running water continuously for two minutes through the dispenser until water runs steady. During initial use, there will be a one-to-two minute delay in water dispersal to allow internal water tank to fill.
 - Additional flushing may be required in some households where water is of poor quality.

The water dispenser may be used without a water filter cartridge. If you choose this option, replace filter with the blue bypass cap supplied.

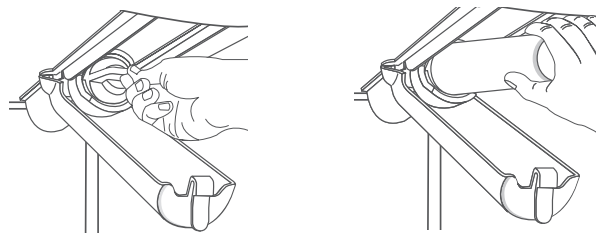




Fig.16 Changing the water filter cartridge

To reset the filter indicator

Important!




We recommend the water filter is used from the time of installation.

Do not reset indicator before filter is changed or filter monitoring will be inaccurate.


- Press and hold ► and  buttons for 4 seconds to reset the filter indicator.
- If the filter is present the  icon in the **SETTINGS** screen will disappear when reset.

To disable the filter indicator

Note: if disabled, you will not be reminded to change your filter.

- When no filter is to be fitted, and the bypass cap is installed, you can disable the filter indicator.
- Press and hold , ► and  buttons for 4 seconds to turn this feature off/on.
- When activated or deactivated the  icon will flash and on or off will be displayed on the **FREEZER** screen.
- We recommend that you do not disable the filter indicator if you have a filter fitted to the connection.
- The blue bypass cap must be in place if the filter is not being used.

Important!

- *To avoid serious illness or death, do not use the water filter where water is unsafe or of unknown quality without adequate disinfection before or after use of filter.*
- *The water filter cartridge needs to be changed when the filter indicator icon flashes on the interface panel.*
- *We recommend the water filter cartridge is replaced when the  icon flashes. This will happen approximately every 12 months.*
- *If the water filtration system has been allowed to freeze, replace filter cartridge.*
- *The rate of water flow through the water dispenser can slow down as the filter cartridge accumulates any sediment which may be present in the water supplied to your home. This varies depending upon your local water quality, which may require your filter cartridge to be changed more frequently.*
- *In cases of excessively reduced filter life we recommend that you consult a local plumber or your water supplier for advice on suitable filtration requirements for the water supplied to your home.*
- *Filter replacement is the consumer's responsibility and will not be covered by the warranty except in the case of faulty parts or materials within the filter cartridge.*
- *If the water has not been dispensed for some time or water has an unpleasant taste or odor, flush system by dispensing 10qt (10 L) of water.*
- *If unpleasant taste or odor persists, you may wish to fit a new filter cartridge.*

Using your ice maker




on



Ice maker

Your ice maker is designed to automatically make ice until it senses that the bin is full. So the more ice you use, the more it makes. It is even clever enough to sense when there is no bin in place to catch the ice.

First use

- When you first turn your refrigerator on after installation, the ice maker will be off.
- To turn your ice maker on use the  button to scroll to the **ICE** screen. Use the  or  button to turn the ice maker on or off.




on



Shows the ice maker is on.

off

Shows the ice maker is off.

- Press    together to manually force a cycle. The ice tray will flip. Force another cycle. The ice tray will flip and spill the water into the ice bin. Empty water, and dry and replace bin.
- If the bin is full, or inserted incorrectly the ice maker will not operate. When the bin is inserted correctly the scoop will be on the front of the bin (refer to Fig.18 on page 25). If all bins are removed the ice maker will not operate.
- Once your ice maker is in operation, discard the first bin of ice cubes. This will flush away any impurities in the water line and ensure that you get the best quality ice. We recommend that you also do this after vacations or extended periods of not using ice.
- We recommend that you turn the ice maker off if:
 - The water supply is to be off for several hours or
 - The ice storage bin is to be removed for a period of time or
 - You are going on holiday/vacation.

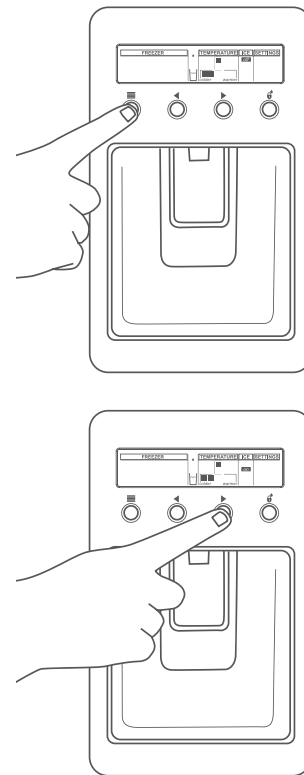


Fig.17 Turning ice maker on

Information about your ice maker

- Your automatic ice maker will produce approximately eight cubes of ice every 2 – 3 hours, depending on freezer compartment temperature and number of door openings.
- The ice cube tray will fill with water once the freezer has reached the correct temperature. The first cubes will normally be produced after several hours.
- When cubes are frozen, they will be ejected from the ice tray into the ice storage bin.
- Ice making will continue until the storage bin is full.
- Ice making will resume when the ice is used.
- For maximum ice storage, level the stored cubes with the ice scoop provided.
- Your Ice & Water product comes with a smaller ice bin inside the larger freezer bin. Attached to this is the scoop for the ice. This scoop provides hygienic access to the ice.
- If a large amount of ice is required, remove the smaller storage bin and allow ice to fall into the larger bin.
- If ice is not used often, old cubes will become cloudy, taste stale, will shrink and may stick together. Empty the ice storage bin periodically, wash in lukewarm water, dry thoroughly and place back in the correct position.

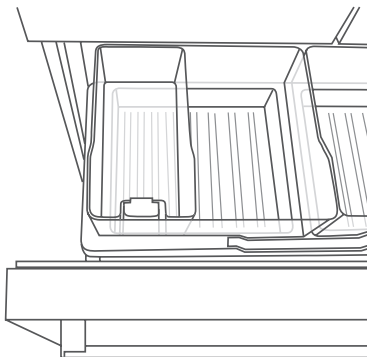


Fig.18 Ice storage bin and scoop in correct position

Important!

- ***Avoid contact with the moving parts of the ice maker ejector mechanism, and do not place your fingers on the automatic ice making mechanism while the refrigerator is in operation.***
- ***Do not use ice cubes that may have become discolored, usually with a green-blue color. If such discoloration is noted, discard the ice cubes and contact your DCS Authorized Service Agency or DCS Customer Care Representative.***
- ***Ensure the ice maker is connected to the filter and only to a drinkable water supply.***
- ***Installation of the water connection to the ice maker must be completed by a qualified service technician or a qualified plumber (see installation instructions).***

Fruit and vegetable bins and humidity control cover

The fruit and vegetable bins feature a unique cover which provides two functions:

- The humidity cover seals the bins and provides a humid microclimate to extend storage times of fruit and vegetables.
- The humidity cover prevents condensation, which forms at high humidities, from dripping down onto the fruit and vegetables by retaining it in the grooves of the lid.

Fruit and vegetable bins and humidity slide

- Each fruit and vegetable bin has a humidity slide control that can be adjusted to a fruit or vegetable setting depending on what is stored in the bins.
- If possible try to store fruit and vegetables separately. This will help extend their storage life.
- If there is a mixture of fruit and vegetables in the bin adjust the position of the control to the center.
- If there is too much water in the bins the control can be adjusted towards the setting with fewer drips (fruit setting) and/or the water can be wiped out as required.
- Remember a small amount of water in the bins is beneficial for fruit and vegetable storage.

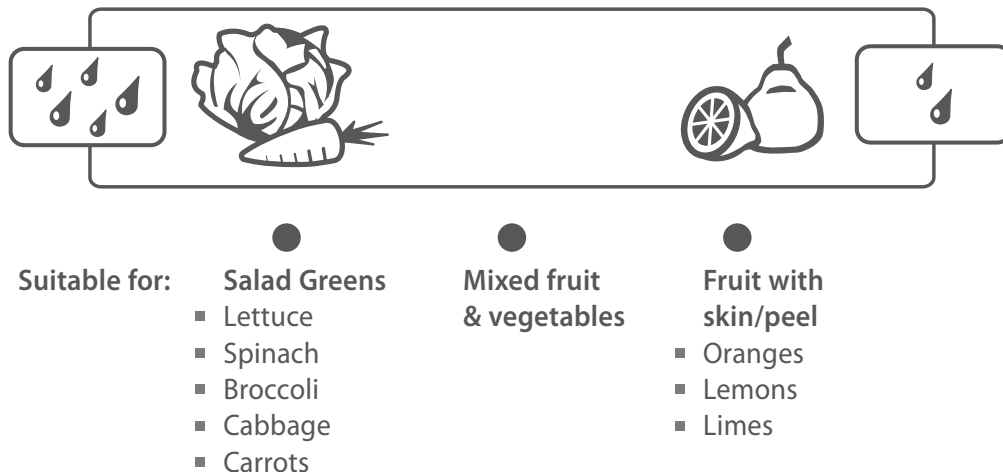


Fig.19 Humidity Control slide

Slim storage drawer

The bins at the bottom of the fresh food compartment provide storage space for items that you may want to keep separate from the rest of the refrigerator. These slim storage bins can be used for deli item storage, beverages or for defrosting foods.

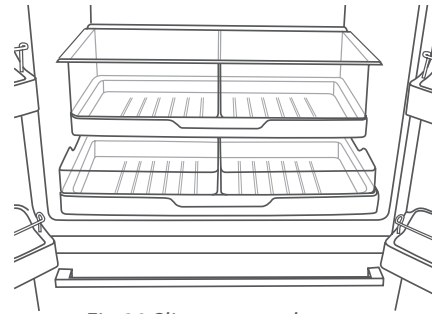


Fig.20 Slim storage drawer

Door alarms

- If the fresh food compartment door is left open the alarm will beep after 90 seconds and if the freezer door is left open the alarm will beep after 60 seconds.
- While either door remains open, subsequent beeps will sound every 30 seconds for 5 minutes.
- A continuous alarm will sound if either door has been left open for 5 minutes or longer and the light will turn off. The alarm will stop when the opened door is closed.

Bottle holder (where fitted)

- Your refrigerator will come with 2 – 4 single bottle holders (depending on what model refrigerator you have). The bottle holders can be used to store a variety of bottles.
- To position the bottle holder in your refrigerator, simply slot the back edge of the bottle holder onto the back trim of any shelf in the fresh food compartment.
- Unused bottle holders can be stacked up on top of one another so they do not take up unnecessary shelf space.
- Bottles are best stored with the neck of the beverage facing the front of the refrigerator.

Shelves

Caution!

To avoid personal injury or property damage, observe the following:

- *Never attempt to adjust a shelf that is loaded with food.*
- *Confirm shelf is secure before placing items on shelf.*
- *Handle tempered glass shelves carefully. Shelves may break suddenly if nicked, scratched, or exposed to sudden temperature changes.*
- To remove a shelf slightly tilt up the front and lift up the rear of the shelf, then pull the shelf straight out.
- To install a shelf tilt the front edge up and insert the hooks into the desired frame openings and let the shelf settle into place. Be sure that the shelf brackets are securely engaged in the rear track before letting go of the shelf.

Replacement of the interior light (Halogen light bulb)

Turn the power off at the wall socket before replacing the bulb. The light bulb is located on the top roof of the cabinet at the front.

- Remove the lens cover using a small screwdriver. Insert the screwdriver in the front center of the lens cover and gently lever down. Pull out old bulb.
- Do not touch the new bulb with your hand. Leave it in the plastic bag whilst slotting into position.
- Remove plastic bag when bulb is in position.
- Replace lens cover.
- Turn power on. Light bulb should now glow.

Note: the replacement halogen bulb must not exceed 12 Volt/10 Watt. Bulbs are available from your DCS Authorized Service Agency or DCS Customer Care Representative.

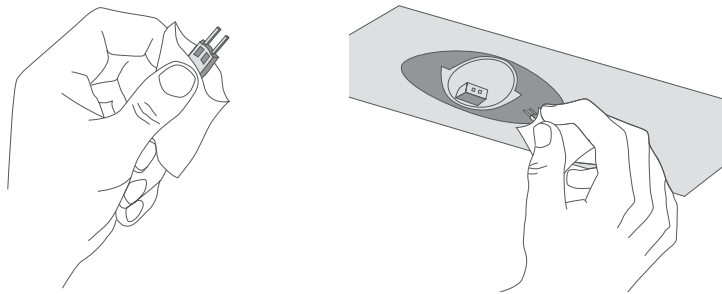


Fig.21 Halogen light replacement

Important!

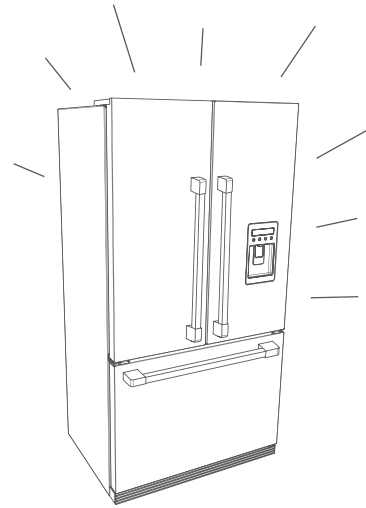
Your refrigerator is designed to operate for many years without the need for service checks. However, if your refrigerator is malfunctioning, have it attended to by your DCS Authorized Service Agency or DCS Customer Care Representative as soon as possible. All electrical repairs must be carried out by an adequately trained service technician or qualified electrician.

*To find an Authorized Service Center in your area please go to:
www.dcsappliances.com or call 1.888.936.7872*

Exterior

Stainless exterior doors

- It is important when cleaning the exterior door surface of your refrigerator, to only use liquid dishwashing detergent dissolved in warm water and a soft cloth.
- Dry the door with a clean, lint free cloth.
- The use of any abrasive or stainless steel cleaners and solvents will damage the door surface.



Water dispenser pad and interface

- We have incorporated a Dispenser and Key Lock function in your refrigerator to make cleaning easier (refer to page 19). This will help you to avoid accidental water dispensing while you clean.
- Clean the pad and interface panel with a soft damp cloth.

Condenser coils

- The area behind the toe grille must be kept clean so air flow through the system is not obstructed.
- Remove the toe grille by pushing down on the center firmly, and then pulling the grille off.
- Use a vacuum cleaner with nozzle attachment to clean this area well.
- Once finished replace the toe grille:
 - 1 Align the toe grille mounting clips with the lower cabinet slots.
 - 2 Push the toe grille firmly until it snaps into place.

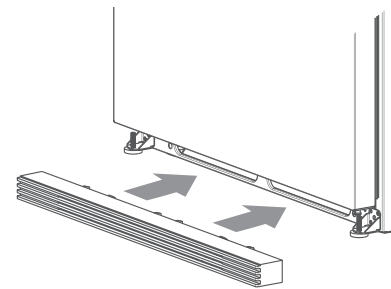


Fig.22 Toe grille installation

Drip Tray

- To clean, take the tray out of the dispenser panel and pull the two halves of the tray apart.
- Clean in warm water with a mild detergent. Dry the tray and clip back together.
- Reinsert the tray back into the dispenser panel.

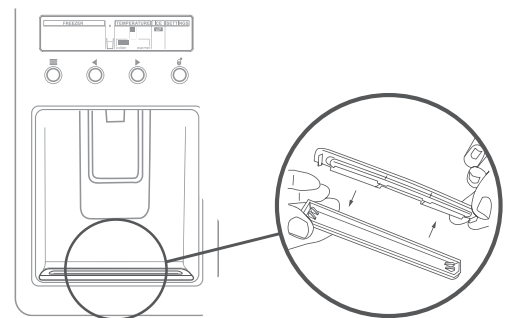


Fig.23 Drip Tray cleaning

Other exterior surfaces

- Clean all other exterior surfaces with a mix of warm water and detergent and a soft cloth.
- If necessary, clean the magnetic door gasket and the center door gaskets with an old toothbrush, warm water and liquid dishwashing detergent.

Interior

- It is important to keep the interior of the refrigerator and freezer clean to help prevent food from becoming contaminated during storage.
- The amount and types of food stored determines how often cleaning should be carried out in the refrigerator (ideally once every 1 to 2 weeks).
- Remove the shelves from cabinet and door. Wash shelves and storage bins in warm water and detergent; rinse in clean water and dry before replacing.
- Wipe over the interior surfaces with warm water and detergent or baking soda dissolved in warm water (add 1 teaspoon of baking soda to each ½ qt (500 ml) of water). Rinse with clean water.
- To help remove “old stale refrigerator” smells add a few drops of vanilla essence or vinegar to the water before cleaning.
- Clean exterior surfaces with warm water and detergent. Use a toothbrush for the magnetic door gasket.
- Do not use harsh, abrasive cloths or cleaners or highly perfumed, strong smelling cleaners or solvents on any part of the refrigerator or freezer.

Glass shelves

- Clean with warm water and detergent or a glass cleaner. If cleaning the shelves without removing from the cabinet, use only warm water and detergent as a glass cleaner can damage the plastic components of your refrigerator.

Bottle holder (where fitted)

- Clean with warm water and detergent. The use of abrasive cleaners and solvents may cause damage.

Automatic ice dispenser

- We do not recommend you clean the ice maker componentry, but it is important to clean the bins occasionally.
- The storage bin should be cleaned regularly and the old ice in the bottom of the bin discarded.
- Wash bin in lukewarm water, dry thoroughly and replace.
- When replacing the bin ensure that the scoop is positioned on the front of the bin.

Important!

Many commercially available cleaning products contain solvents that may attack the plastic components of your refrigerator and cause them to crack. It is important to use only warm water and a small amount of liquid dishwashing detergent on any plastic components inside and outside your refrigerator. Avoid using anti-bacterial cleaning products on either the interior or exterior of the cabinet as they may cause rusting of metal components and cracking of plastic components.

Humidity Control System

Important!

When cleaning the shelf above the vegetable bins, we recommend that you do not disassemble the Humidity Control System from the shelf.

If cleaning is necessary, follow these instructions:

- 1 Remove the shelf by slightly tilting up the front and lifting the rear of the shelf at the same time. Then pull the shelf straight out.
- 2 Unclip the lid from the clips at the back of the shelf and gently lift out from under the side retainers (refer to Fig.24).

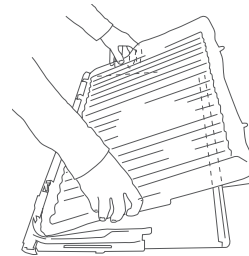
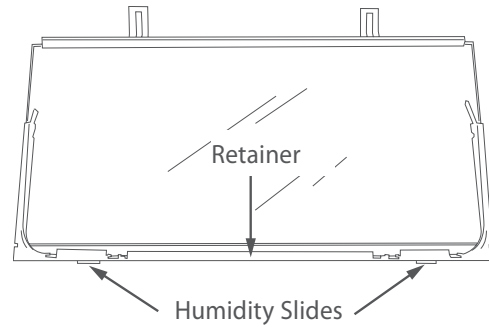


Fig.24 Removing lid from rear clips and side retainers

Important!

Do not to pull the lid out of the retainer on the front of the shelf.

- 3 Hold the lid up vertically (refer to Fig.25) and clean the underside of the shelf and lid.
- 4 Once you have finished cleaning the shelf and lid, position lid back in place by fitting the lid under the side retainers (refer to Fig.26).
- 5 Fasten lid to rear clips. Ensure that the cover is fully secure at the front and the back of the shelf (refer to Fig.27).
- 6 To install the shelf back into the refrigerator, tilt the front edge up and rest the shelf on the rear lugs on the side walls of the refrigerator. Then gently rest the shelf on the front lugs. Ensure shelf is secure before letting go of the shelf.

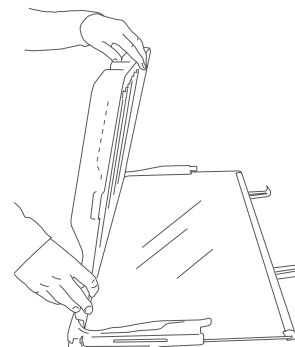


Fig.25 Hold the lid vertically for cleaning

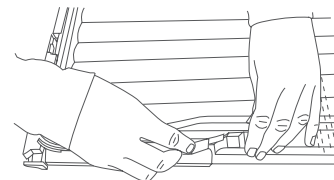


Fig.26 Fit lid under side retainers

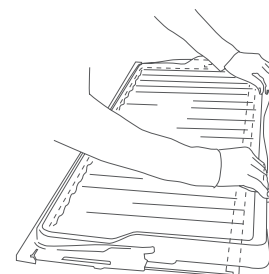


Fig.27 Fasten lid to rear clips and ensure lid is secure

Cleaning and caring for your refrigerator

To remove trays or fixed bins

- For ease of removal, empty food from tray/bin first.
- Hold the center front of the tray/bin handle.
- Lift vertically to unclip from the runners and pull tray/bin towards you to remove.
- Push both runners back into refrigerator.

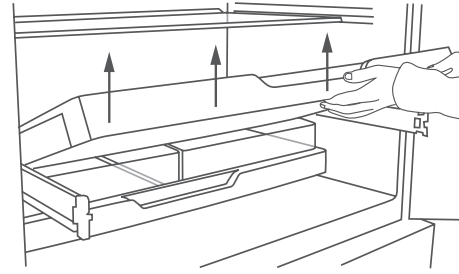


Fig.28 Tray removal

To replace trays or fixed bins:

- With the runners pushed back into the refrigerator, place the tray/bin on top of the runners. Push the tray/bin back slowly until you feel it clip back onto the runners.

Important!

- *Ensure that trays and bins are securely clipped onto the runners before use.*
- *Bin and tray runners are pre-lubricated, and will not need to be re-lubricated during their life. Do not attempt to clean grease from the runners, as this will affect their ability to function. Do not immerse runners in water.*

Permanently fixed bins and trays

The large freezer bin is permanently fixed. It cannot be removed from the freezer compartment. To clean simply wipe with a soft, damp cloth.

On holiday / vacation

We recommend you leave your refrigerator running while you are on holiday / vacation.

- Switch the ice maker off from the display panel (refer to page 24).
- Shut off the water supply to the refrigerator.

On your return, turn on the water supply to the refrigerator.

- Dispense 10 qt (10 L) of water and discard to ensure the tank is refilled with fresh water.
- Turn on the ice maker (refer to page 24).
- Throw away the ice made in the first 12 hours of use.

Normal refrigerator sounds

ActiveSmart™ refrigerators, with their excellent energy ratings and cooling performance, can produce sounds somewhat different to your old refrigerator.

Normal operational sounds include:

- Fan air flow sound. *ActiveSmart™* refrigerators have fans which change speed depending on demand. During cooling periods, such as after frequent door openings, fans circulate the cold air in the refrigerator and freezer compartments producing some air flow sound. This is quite normal.
- Cracking or popping which may sound like ice coming off the evaporator. This occurs when the defrost function is operating.
- Running water sound. This is the liquid refrigerant in the system and can be heard as a boiling or gurgling noise.
- An audible hissing sound after closing the freezer door. This is due to the pressure difference between the warm air that has entered the cabinet and suddenly cooled, and the outside air pressure.
- Other strange sounds may be heard for the following reasons:
 - Cabinet not level
 - Floor uneven or weak
 - Bottles or jars rattling on shelves
- If this is your first refrigerator with an ice maker, you will hear occasional sounds that may be unfamiliar. They are normal ice making sounds and are not cause for concern.
- The following sounds are normal with the operation of an ice maker:
 - Motor operation (low humming).
 - Running water as the ice maker and/or water tank fills.
 - Water valve opening and closing (hissing sound).
 - Ice being loosened from the ice moulding tray (cracking).
 - Ice dropping into bin (clunking).

Storing food in your refrigerator

Red meat

- Place fresh red meat on a plate and loosely cover with waxed paper, plastic wrap or foil.
- Store cooked and raw meat on separate plates. This will prevent any juices lost from the raw meat contaminating the cooked product.
- Delicatessen meats should be used within the recommended storage time.



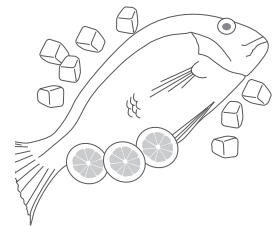
Poultry

- Fresh whole birds should be rinsed inside and out with cold running water. Dry and place on a plate. Cover loosely with plastic wrap or foil.
- Poultry pieces should also be stored this way. Whole poultry should never be stuffed until just before cooking, otherwise food poisoning may result.
- Cool and refrigerate cooked poultry quickly. Remove stuffing from poultry and store separately.



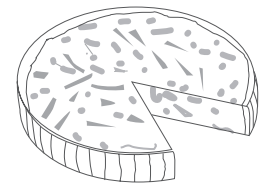
Fish and seafood

- Whole fish and fillets should be used on the day of purchase. Until required, refrigerate on a plate loosely covered with plastic wrap, waxed paper or foil.
- If storing overnight or longer, take particular care to select very fresh fish. Whole fish should be rinsed in cold water to remove loose scales and dirt and then patted dry with paper towels. Place whole fish or fillets in a sealed plastic bag.
- Keep shellfish chilled at all times. Use within 1 – 2 days.



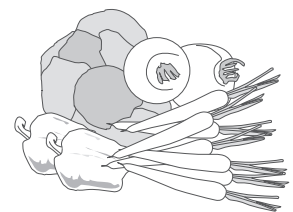
Precooked foods and leftovers

- These should be stored in suitable covered containers so that the food will not dry out.
- Keep for only 1 – 2 days.
- Reheat leftovers only once and until steaming hot.



Fruit and vegetable bins

- Although most fruit and vegetables keep best at low temperatures, take care not to store the following at temperatures of less than 47°F (7°C) for long periods: citrus fruit, tropical fruit, tomatoes, cucumbers.
- Undesirable changes will occur at low temperatures such as softening of the flesh, browning, accelerated decaying and or loss of flavor.
- Do not refrigerate avocados (until they are ripe), bananas, mangoes or pepinos.
- If possible store fruit and vegetables separately, ie fruit in one bin and vegetables in the other.
- Each fruit and vegetable bin has a humidity control slide that can be adjusted depending on what is stored in the bins. For more information on using the Humidity Control refer to page 26.



The use of temperatures of 0°F (-18°C) or colder to store food means that the food can be kept for longer periods than when refrigeration temperatures are used. This is because the growth of bacteria, moulds and yeasts are stopped, and chemical and physical reactions are severely restricted at such low temperatures.

Frozen food care

For best results:

- Choose only high quality foods that freeze well.
- Store at 0°F (-18°C) or colder. Take care to maintain this low storage temperature, eg try to avoid opening the freezer door unnecessarily. If your ice cream is soft you are running your freezer too warm.
- Leave space at the top of containers, glass jars or plastic bags containing liquids or semi-solid foods. These expand as they freeze. Usually 1" (20 – 50 mm) head space is recommended. Seal. Ideally, remove all the air from the package after food is frozen.
- Packages or containers of solid foods should have the air removed from them and be sealed tightly before freezing.
- Freeze immediately or as quickly as possible. Freeze only small quantities of food at any one time. For best results we recommend that only 2.2 lb (1 kg) of food be frozen per 0.9 cu.ft (25 L) of freezer storage volume at any one time. For faster freezing in *ActiveSmart™* models, we recommend that fresh food is placed at the top of the freezer compartment close to the air vent.
- Do not pile frozen food around the fan cover. It can prevent adequate air circulation.
- Thaw foods preferably in a refrigerator, or using a microwave oven or multifunction oven.
- Keep a constant turnover of food. Use older items of food first. Do not exceed recommended storage times.
- Use good quality freezer proof packaging to maintain food quality.
- If food is only covered in plastic film place inside a freezer-proof plastic bag.



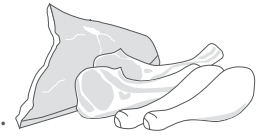
Recommended freezer storage times

These times should not be exceeded.

	M o n t h s	1	Bacon, casseroles, milk
		2	Bread, ice-cream, sausages, pies – (meat and fruit), prepared shellfish, oily fish
		3	Non oily fish, shellfish, pizza, scones and muffins
		4	Ham, cakes, biscuits, beef and lamb chops, poultry pieces
		6	Butter, vegetables (blanched), eggs whole and yolks, cooked crayfish, minced meat (raw), pork (raw)
		12	Fruit (dry or in syrup), egg whites, beef (raw), whole chicken, lamb (raw), fruit cakes

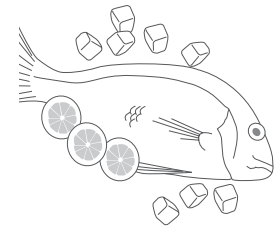
Meat, poultry and game

- Meat must be frozen quickly in order to maintain its texture.
- Do not stuff poultry before freezing.
- Red meat can be cooked from frozen, or from the partly or completely thawed states. Remember to allow extra cooking time if cooking from frozen.
- Always thaw poultry completely before cooking.



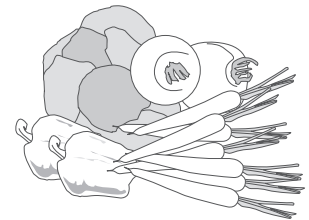
Fish

- Fish is best frozen commercially. If however you do want to freeze fish at home, make sure the fish is very fresh and of high quality.
- Clean, scale and preferably leave whole. All fish should be wrapped in two layers of packaging as depending on the type of fish, odors and flavors can be readily transferred either to or from it. Seal well.
- For best results, cook from either the frozen or partly thawed state.



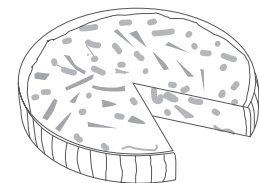
Vegetables

- Most vegetables freeze well, although 'salad' vegetables lose their crispness. Other vegetables, eg celery, onion and tomatoes, should only be used in cooked dishes as they soften on freezing.
- Freeze only high quality, mature, ready-to-eat vegetables.
- Sort and discard any vegetables that are damaged.
- **It is necessary to blanch most raw vegetables prior to freezing.**
- Blanching involves a short cooking period during which vegetable enzymes are destroyed. If these enzymes are not destroyed they cause undesirable physical and chemical changes during freezer storage.
- Vegetables can be blanched in boiling water, steam or microwave oven. If using boiling water, boil vegetables for 2 – 4 minutes and cool quickly.
- In general frozen vegetables are best cooked from their frozen state.



Prepared and cooked foods

- Most cooked foods can be frozen but it is not recommended to freeze the following:
Cooked egg white, custards, cream fillings and milk puddings, gelatin or jelly-like dishes, mayonnaise and similar salad dressings, meringue toppings. These tend to separate on thawing.



Fruit


- Choose high quality, mature, and ready to eat fruit. Preferably select varieties recommended for freezing.
- Avoid unripe and over-ripe fruit.
- The way fruit is packed depends on how it is to be used. Fruits packed in syrup are ideal for desserts, whereas fruits packed without sugar are better used for cooking. Most fruits can be stored for 8 – 12 months.



If there is a problem with your appliance, please check the following points before contacting your DCS Authorized Service Agency or DCS Customer Care Representative.

General troubleshooting:



Problem	Possible causes	What to do
Appliance does not operate.	No electricity at power outlet.	Check that the plug is correctly connected and power switched on. Check another appliance at the same outlet. Check house fuse.
Light not working.	Blown light bulb(s).	Change light bulb(s) (refer to page 28).
	Refrigerator not working.	Check refrigerator is turned on at wall. If problem continues refer to page 43.
Light and display not working.	Product in Sabbath Mode.	Refer to Sabbath Mode (page 20).
Motor operates for long periods.	Hot weather. Frequent door openings. Large amount of food recently added.	Minimize door openings to allow temperature to stabilise.
	Temperature control set too low.	See Temperature control section (page 19).
	Doors not sealing properly.	Check that cabinet is level and gasket seals are clean.
Storage compartments too warm.	Temperature setting not correct.	See Temperature control section (page 19).
	Frequent door openings. Large amount of food recently added.	Minimize door openings to allow temperature to stabilise.
Food freezing in the refrigerator.	Temperature setting not correct.	See Temperature control section (page 19).
	Food placed directly in front of air outlets.	Move chill sensitive foods away from the center outlet duct at the back of the shelves.

Problem	Possible causes	What to do
Unfamiliar noises.	Cabinet not stable or level. Freezer is defrosting.	See Installation section (pages 5 – 13) or refer to Sounds (page 33).
Water in the vegetable bins.	Condensation is formed by the water produced by fruit and vegetables.	A small amount of condensation is beneficial for fruit and vegetable storage. If there is too much water, store fruit and vegetables loosely in plastic bags. Wipe out water with a cloth. Set humidity slide to low humidity setting. 
Sides of cabinet are warm.	This is normal.	
Warm area on central door seal.	This is normal.	
Condensation on outside of refrigerator/freezer.	Not unusual during periods of high humidity.	Wipe dry.
Condensation inside fresh food compartment.	Frequent or long door openings.	Minimize door openings.
	Door gasket leaking.	Check that gasket is sitting flat and sealing tightly.
	Not unusual during periods of high humidity.	Wipe dry.
Ice buildup inside freezer compartment.	Freezer door not closing tightly.	Move items in freezer so door can close tightly. Check and clean door gasket seal.
Door handles out of alignment.	With time and usage, movement may occur.	See Installation instructions – Leveling the refrigerator door (page 11).
Tray/bin does not slide in and out evenly.	Packaging trapped.	Check to ensure no food or packaging is trapped behind the tray/bin.
	Runners not extending fully.	Holding onto sides of tray/bin, extend the runners fully by using a firm pull – this will reset the runner.

Specific Ice & Water troubleshooting:

Problem	Possible causes	What to do
Ice maker makes unfamiliar sounds or seems too loud.	Normal ice maker operation.	Refer to refrigerator sounds (refer to page 33).
Automatic ice maker does not work.	Ice maker has not been switched on.	Switch on ice maker (refer to page 24).
	Bin is in the wrong way or there is no bin in place.	Place bin so scoop is on the front of the bin. Ice bin sits directly under ice maker on top left side of freezer.
	Water supply turned off or not connected.	Connect water supply.
	Freezer compartment not working.	Contact Customer Care.
	Water pressure too low.	Check water pressure.
	Water line kinked/squashed.	Check water line for kinks/squashing.
	Filter clogged.	Water filter may need replacing.
Ice cubes have odor/taste.	Unsealed packages may be transmitting odor/taste.	Old cubes need to be discarded. Ensure food packaging is sealed.
	Interior of freezer needs cleaning.	Ice storage bin needs to be emptied and washed. Clean refrigerator (refer to pages 29 – 32).
	Poor taste from incoming water.	Filter may need changing. A new filter may need to be installed. Force 2 – 3 ice tray flips (refer to page 24).
Wet ice/ice clumping.	Low water pressure.	Check water pressure.
	Filter blocked.	Replace filter (refer to pages 22 – 23).
	Long freezer door openings. High ambient temperature. Ice bin left out of freezer compartment for a long length of time.	Gently tap ice with scoop to unstick or, if large clumps occur, empty ice bin and make new ice.
	Ice will stick together over time.	

Troubleshooting

Problem	Possible causes	What to do
Slow ice cube freezing.	Door may have been left ajar.	Close door.
	Freezer compartment too warm.	Turn temperature to a colder setting (refer to page 19).
Water has poor taste/odor.	Refrigerator not used for an extended period.	Dispense 10 qt (10 L) water so fresh water supply is replenished.
Water dispenser does not work.	Water supply turned off or not connected.	Turn water on. Press dispenser for 1 minute to remove trapped air from water line and to fill the water system.
	Supply line may be blocked. On first installation there may be air in water system.	Check supply for kinks or leaks. To remove air, run 3 qt (3 L) of water through the dispenser.
	Filter may be blocked and need replacing.	Replace filter (see back of this booklet for Customer Care contact details).
	Dispenser lock activated.	Hold down the  button for 2 seconds.
	Water frozen in tank.	Increase temperature to a warmer setting in fresh food compartment and freezer.
Water in first glass is warm.	Water dispenser not used for extended period.	Discard first glass of water dispensed.
	Tank capacity used recently.	Allow water time to cool.
Filter warning light  is flashing.	Filter needs replacing.	Replace filter as soon as possible (refer to pages 22 – 23).
Drips overflow drip-shelf.	Air trapped in tank.	Flush 3 qt (3 L) water through dispenser, stopping intermittently.
	New filter installed.	Flush 3 qt (3 L) water through filter and then 3 qt (3 L) through dispenser.
Water flow rate has slowed down.	Filter cartridge is blocked.	Replace water filter as soon as possible (refer to pages 22 – 23).
Taste or odor in ice cubes.	Transfer of odor/taste from strong smelling foods.	Wrap or cover strong smelling foods.

When you purchase any new Fisher & Paykel whiteware product for personal or consumer use you automatically receive a one year limited warranty covering parts and labor for servicing within the 48 mainland United States, Hawaii, Washington DC and Canada. In Alaska the limited warranty is the same except that you must pay to ship the product to the service shop or the service technician's travel to your home. Products for use in Canada must be purchased through the Canadian distribution channel to ensure regulatory compliance.

If the product is installed in a motor vehicle, boat or similar mobile facility, you receive the same one year limited warranty, but you must bring the vehicle, boat or mobile facility containing the product to the service shop at your expense or pay the service technician's travel to the location of the product.

You receive an additional four year Limited Warranty (for a total of five years) covering parts and labor for sealed refrigeration system (compressor, evaporator, condenser, filter dryer, and connecting tubing) within the 48 mainland United States, Hawaii, Washington D.C. and Canada. In Alaska the Limited Warranty for the sealed refrigeration system is the same except that you must pay to ship the product to the service shop or the service technician's travel to your home.

Fisher & Paykel undertakes to:

Repair without cost to the owner either for material or labor any part of the product, the serial number of which appears on the product, which is found to be defective. In Alaska, you must pay to ship the product to the service shop or for the service technician's travel to your home. If the product is installed in a motor vehicle, boat or similar mobile facility, you must bring it to the service shop at your expense or pay for the service technician's travel to the location of the product. If we are unable to repair a defective part of the product after a reasonable number of attempts, at our option we may replace the part or the product, or we may provide you a full refund of the purchase price of the product (not including installation or other charges).

This warranty extends to the original purchaser and any succeeding owner of the product for products purchased for ordinary single-family home use.

All service under this limited warranty shall be provided by Fisher & Paykel or its Authorized Service Agent during normal business hours.

How long does this limited warranty last?

Our liability under this limited warranty expires ONE YEAR from the date of purchase of the product by the first consumer.

Our liability under any implied warranties, including the implied warranty of merchantability (an unwritten warranty that the product is fit for ordinary use) also expires ONE YEAR (or such longer period as required by applicable law) from the date of purchase of the product by the first consumer. Some States do not allow limitations on how long an implied warranty lasts, so this limit on implied warranties may not apply to you.

Limited warranty

This warranty does not cover:

- A** Service calls that are not related to any defect in the product. The cost of a service call will be charged if the problem is not found to be a defect of the product. For example:
 1. Correcting faulty installation of the product.
 2. Instructing you how to use the product.
 3. Replacing house fuses, resetting circuit breakers, correcting house wiring or plumbing, or replacing light bulbs.
 4. Correcting fault(s) caused by the user.
 5. Changing the set-up of the product.
 6. Unauthorized modifications of the product.
 7. Noise or vibration that is considered normal, for example, drain/fan sounds, refrigeration noises or user warning beeps.
 8. Correcting damage caused by pests, for example, rats, cockroaches etc.
- B** Defects caused by factors other than:
 1. Normal domestic use or
 2. Use in accordance with the product's User Guide.
- C** Defects to the product caused by accident, neglect, misuse, fire, flood or Act of God.
- D** The cost of repairs carried out by non-authorized repairers or the cost of correcting such unauthorized repairs.
- E** Travel fees and associated charges incurred when the product is installed in a location with limited or restricted access. (eg airplane flights, ferry charges, isolated geographic areas).
- F** Normal recommended maintenance as set forth in the product's User Guide.
- G** Filter replacement except in the case of faulty parts or materials within the filter cartridge.

This product has been designed for use in a normal domestic (residential) environment. This product is not designed for commercial use (whatsoever). Any commercial use by a customer will affect this product's warranty.

If you have an installation problem contact your dealer or installer. You are responsible for providing adequate electrical, exhausting and other connection facilities.

We are not responsible for consequential or incidental damages (the cost of repairing or replacing other property damaged if the product is defective or any of your expenses caused if the product is defective). Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Before you call for service or assistance ...

Check the things you can do yourself. Refer to the installation instructions and your User Guide and check that:

- 1 Your product is correctly installed.
- 2 You are familiar with its normal operation.
- 3 If the circuit breaker tripped or the fuse blown.
- 4 If there is a power outage in the area.

If after checking these points and you still need assistance, please contact your local DCS authorized service agency or DCS Customer Care Representative for warranty service. Our number is 1.888.936.7872. Please have the following information ready before you call:

- Model Number and Serial Number (can be found in the right hand corner, under the kick strip grille).
- Date of installation
- A brief description of the problem

Your satisfaction is of the utmost importance to us. If a problem cannot be resolved to your satisfaction, please email us at support@dcsappliances.com or write:

Fisher & Paykel Appliances, Inc.
Attention: DCS Customer Care
5900 Skylab Road
Huntington Beach, CA 92647

www.dcsappliances.com

No other warranties

This limited warranty is the complete and exclusive agreement between you and Fisher & Paykel regarding any defect in the product. None of our employees (or our Authorized Service Agents) are authorized to make any addition or modification to this limited warranty.

Warrantor: Fisher & Paykel Appliances, Inc.

If you need further help concerning this limited warranty, please call us at above number, or write to:

Fisher & Paykel Appliances, Inc.
5900 Skylab Road
Huntington Beach
CA 92647

This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state.