



CHiQ

REFRIGERATOR / FREEZER

► **USER MANUAL**

MODEL

CSH166NW5

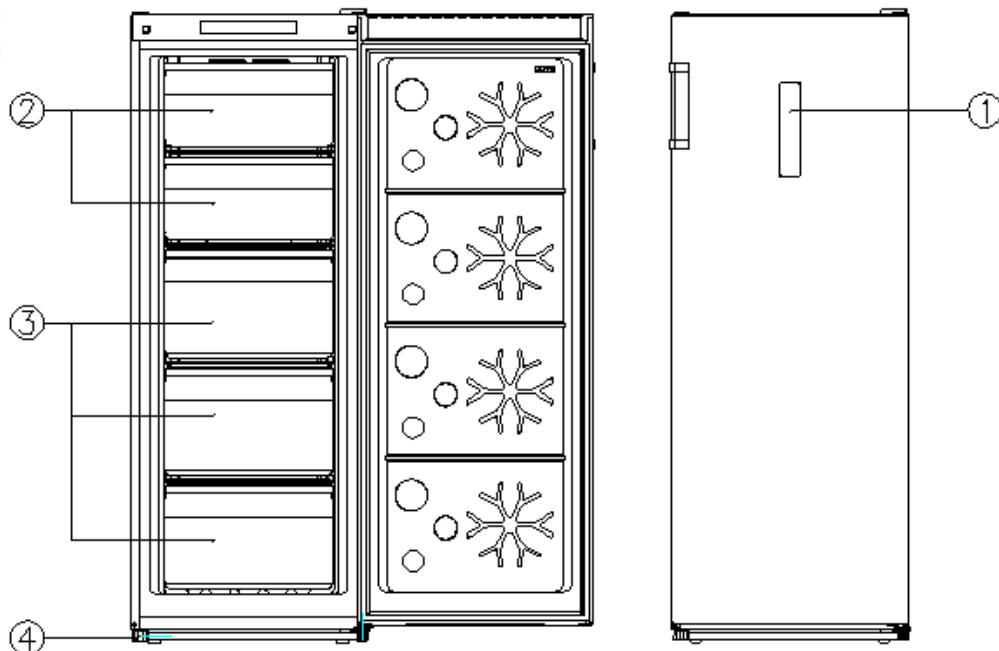
CSH164NBS5



Customer Service 1300 796 688

www.chiq.com.au

PART NAMES AND LOCATIONS



No	Description
1	Control panel
2	Flip cover
3	Freezer drawers
4	Adjustable Feet

IN ACCESSORY BAG: USER MANUAL, WARRANTY CARD, MIDDLE BEAM SCREW
HOLE PLUG

**As the manufacturer holds the authority to redesign or modify its products without notice:
Any modifications or upgrades of our products will result in this Refrigerator varying
slightly from this manual but the functionality will remain the same to that as set out
within this manual.**

IMPORTANT SAFETY INSTRUCTIONS



Follow these basic precautions to reduce the risk of fire, electrical shock hazards or injury when operating the Refrigerator:

- **This product has been designed for using in a normal domestic environment. It is not intended for commercial use which will avoid warranty, such as supermarket, food shop, pharmacy, commercial kitchen & etc.**
- Persons with lack of experience and knowledge, reduced physical or mental capabilities, need to be 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. Cleaning and user maintenance shall not be made by children without supervision.
- It is critical use this appliance safely. Read all instructions before operating the Refrigerator and do not attempt to repair or modify this unit in any way as it can cause harm or void the warranty.
- Please ensure all persons using this appliance are also informed and comply with the details set out within this manual and the product Terms and Conditions.
- When unpacking the appliance for the first time, keep all cardboard and plastic packaging out of reach from children.
- Report any notable defects with the appliance to Chiq or retailer as soon as it is noted. Failure to do so can result in a non-warranty claim. Keep all packaging materials in a safe location until the unit has been installed properly.
- If the supplied power cord of this unit is damaged, it must be replaced by qualify service agent or similarly qualified persons in order to avoid any risk of injury. It is recommended the power cord is situated in a safe location when operating or transporting the appliance to prevent any damage that may cause electrical shock or fire hazards.

- **DANGER or WARNING:**

This unit is not designed for outdoor installation.

Service of this unit

The installation or any service of the appliance is recommended by a qualified technician or service company.

Ventilation Hazards

Never clean the Refrigerator or Refrigerator parts with flammable fluids, or store gasoline or any other flammable vapors and liquids in the vicinity of this or any other Refrigerator as the gas and/or vapour can cause a fire hazard, explosion or inhalation.

Electrical Connection

Make certain, when installing or moving the unit that the power outlet has been connected to, has been fitted by a qualified electrician and the ground wire has been connected properly to meet the Australian Electrical Standards.

R600a WARNINGS

NOTE: This model uses R600a flammable refrigerant in its sealed system. The following must be observed for your safety:

R600a Refrigerant Warning

- This appliance contains 0.046kg grams R600a refrigerant which is environmentally friendly, but flammable. It does not damage the ozone layer, nor does it increase the greenhouse effect.
 - During transportation and installation, ensure that the tubing of the refrigerant circuit is not damaged.
 - Leaking refrigerant can ignite and may damage the eyes.
 - In the event any damage does occur, avoid exposure to open fires and any device which creates a spark. Disconnect the appliance from the mains power.
 - Thoroughly ventilate the room in which the appliance is located for several minutes.
 - Notify Customer Service for necessary action and advice.
 - The room for installing the appliance must be at least 1 cubic metre per 8 grams of refrigerant. The refrigerant quantity contained in this appliance is listed above in grams; it is also noted on the Rating Plate of the appliance.
- * Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

It is hazardous for anyone other than an Authorised Service Person to carry out servicing or repairs to this appliance. In Queensland the authorized person must hold a Gas Work Authorisation for hydrocarbon refrigerants, before carrying out servicing or repairs which involve the removal of covers.

1. Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
2. Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
3. Do not damage the refrigerant circuit.
4. Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
5. Do not store explosive substances such as aerosol cans with a flammable propellant in the appliance.

Disposal

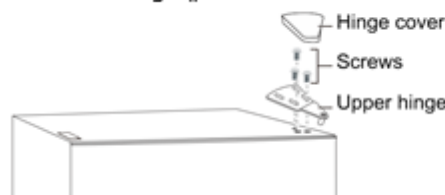
The environment and personal safety must be considered when disposing of this appliance. Please ensure the appliance is taken to a recycle center for safe recycling.

DO NOT dispose of the appliance in land fill as the insulation and refrigerant gas contained in these appliances are flammable.

Door reversal instruction

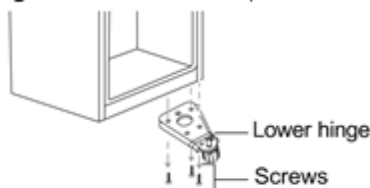
Reversing the Door Swing

1. Make sure that your refrigerator is unplugged.
2. Pry the hinge cover up and off, remove the three screws that secure the upper hinge to the door, then remove the hinge.

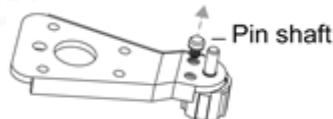


3. Remove the freezer compartment door from the cabinet.

4. Remove the screws that secure the lower hinge to the right side of the cabinet, then remove the hinge.



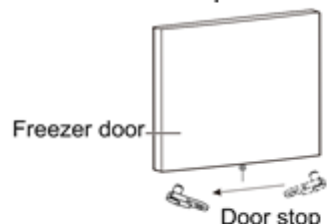
5. Remove the washer and nut that secure the pin shaft to the right hole on the lower hinge, then remove the shaft.



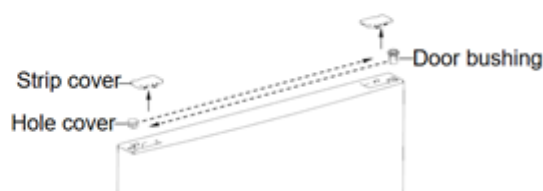
6. Insert the pin shaft into the left hole on the lower hinge, then secure the shaft with the washer and nut.



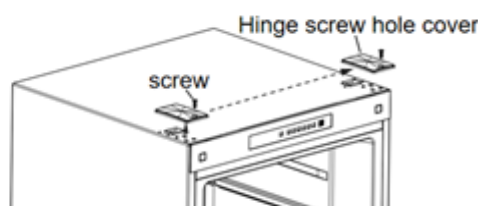
7. Install the lower hinge on the left side of the cabinet.
8. Remove the screw that secures the door stop from the bottom right of the freezer compartment door, then remove the door stop and install to the bottom left side.



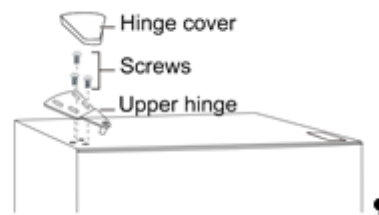
9. Install the freezer compartment door.
10. Remove the strip covers upward, take out communication line from the left junction box and plug it into the terminal of the communication line inside the cabinet then move the door bushing from the top right side of the freezer door to the top left side of the door.



11. Remove the hole cover from the top left side of the cabinet and secure the cover on the top right side of the cabinet. Disconnect the wiring at the top right and put it into the hole. Remove the left wiring from the hole, and connect it to the wiring on the left side of the door.
12. Remove the screw upward and the hinge screw hole cover, take out communication line from the left junction box to the right box and plug it into the terminal of the communication line inside the cabinet. Secure the hinge screw hole cover to the top left side of the cabinet with the screw you removed previously.



13. Secure the upper hinge to the top left side of the cabinet with the three screws you removed previously. Before you tighten the upper hinge screws, make sure that the top of the door is level with the cabinet and that the rubber gasket makes a good seal.
14. Install the hinge cover over the hinge on the top left side of the cabinet.



15. Remove the left hole plugs, screw off the bolts, and remove the right hole plugs.



16. Install the right hole plugs on the left side of the door, and install the handle on the right side of the door.

Note: Ensure the rubber gaskets are making a good seal with the cabinet all the way around the doors before tightening the hinge screws.

INSTALLATION INSTRUCTIONS

Before Using the Refrigerator

- Remove the exterior and interior packing.
- Before connecting the Refrigerator to a power source, let the unit stand upright for approximately 4 hours to mitigate the possibility of a malfunction in the cooling system from improper handling during transportation.
- Clean the interior surface with warm water using a soft cloth.

Installing the Refrigerator

- This appliance is designed to be free standing only, and should not be recessed or built-in.

W	D	H	A	B	C(°)	E	F
547	599	1448	918	1109	130±5	50	50

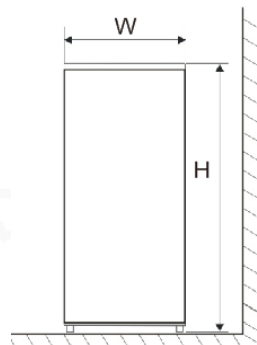


Fig. 1

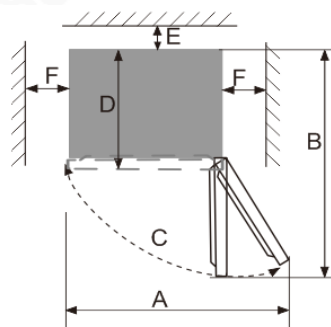


Fig. 2

Note: Figure 1, Figure 2 only illustrate the space demand of the product.

- **Allow at least 5cm of space between the back and sides of the Refrigerator to allow proper air ventilation.** Insufficient space will result in cooling and working life issue and voiding warranty.
- Place the Refrigerator on a **leveled/even** floor surface that is strong enough to support the weight of the Refrigerator when it is fully loaded to prevent vibrations.
- **Place the Refrigerator on a concrete, tile floor or waterproof floor is recommended. The fridge will produce defrost water or condensation moisture, it might cause water damage in some extreme circumstances.**
- **The front feet can be adjusted to level the appliance properly.** Adjust the two front feet to keep the Refrigerator leveled or elevated.
- Situate the Refrigerator away from direct sunlight and sources of direct heat (stove, heater, radiator, etc.). Direct sunlight may also affect the acrylic coating and heat sources may cause an increase power consumption.
- This unit is not designed for outside installation.
- Avoid situating the Refrigerator in moist OR **pest infestation** areas.
- Plug the Refrigerator into dedicated, properly installed-grounded wall outlet. Do not

under any circumstances cut or remove the third (ground) prong from the power cord. Any questions concerning power and/or grounding should be directed toward a certified electrician or an authorized service center.

- After plugging the appliance into a wall outlet, turn the unit on and allow the unit to cool down for 4-6 hours before placing food in the Refrigerator.
- Do not place heavy items on the top of this appliance.

ENERGY SAVING TIPS

- Allow hot foods to cool to room temperature before placing in the Refrigerator. Overloading the Refrigerator forces the compressor to work harder. Foods that freeze too slowly may lose quality, or spoil.
- Be sure to wrap foods properly, and wipe containers dry before placing them in the Refrigerator. This cuts down on frost build-up inside the Refrigerator.
- Organize and label food to reduce door openings and extended searches. Remove as many items as needed at one time, and close the door as soon as possible.



[symbol ISO 7010 W021
(2019-07)]

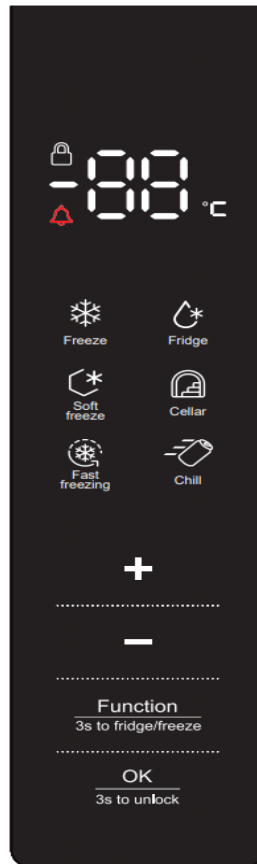
Warning; Risk of fire / Flammable
materials

- Symbol ISO 7010 W021 (2019-07) and its meaning
- WARNING: When positioning the appliance, ensure the supply cord is not trapped or damaged.
- WARNING: Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.

OPERATING INSTRUCTIONS

Function & Setting

The display panel is on the door, the following picture will show the display symbols and functions.



When the refrigerator is connected to power supply for the first time, all icons on the display panel gets illuminated for 2s, and the system runs in the freezer mode at -18°C by default. When door is closed, the display will turn off automatically. It will light up if door is opened or any key is pressed.

The following key operations are valid only when the keys are unlocked and gets illuminated on the display.

Temperature and Function Settings

Temperature Adjustment

Use the + and – buttons to adjust the temperature.

- Press either the + or – button once. The current temperature setting will begin flashing.

- Press the button repeatedly to adjust the temperature.
- Press the **OK** button to confirm the setting, or wait 5 seconds for the setting to be saved automatically.

Available Temperature Settings

Fridge Mode: 2°C to 8°C

Freezer Mode: -16°C to -24°C

Cellar Mode: 5°C to 15°C

Soft Freeze Mode: -3°C, -5°C, -7°C, -9°C, -11°C, -13°C

Chill Mode: -3°C to 3°C

Display and Control Panel

When the appliance is connected to power for the first time, all display indicators will illuminate for approximately 2 seconds.

The appliance will then operate in **Freezer Mode** with a default temperature setting of **-18°C**.

If the door remains closed and no buttons are pressed for 15 seconds, the display will switch off and the control panel will lock automatically.

The display will illuminate when: the door is opened; or any button is pressed.

To unlock the control panel, press and hold the **OK** button for 3 seconds.

Function Settings

Press the **Function** button to cycle through the available operating modes.

The selected mode indicator will flash. Press **OK** within 5 seconds to confirm the selection.

Mode Selection Sequence

Fridge Mode Fridge → Cellar → Chill → Fridge

Freezer Mode Freezer → Soft Freeze → Fast Freeze → Freezer

Fridge Mode

Temperature range: **2°C to 8°C**

Suitable for storing fresh food such as fruit, vegetables, dairy products and beverages.

Freezer Mode

Temperature range: **-16°C to -24°C**

Suitable for long-term frozen food storage.

Cellar Mode

Temperature range: **5°C to 15°C**

Suitable for storing wine, beverages and other products requiring cool storage.

To Activate Cellar Mode

While operating in Fridge Mode:

- Press the **Function** button until the **Cellar** indicator flashes.
- Press **OK** within 5 seconds to confirm.

To Deactivate Cellar Mode

Repeat the above steps.

The appliance will return to the previous operating mode and temperature setting.

Note: If the selected temperature is higher than the ambient room temperature, the compressor may not operate until cooling is required.

Soft Freeze Mode

Temperature settings: -3°C, -5°C, -7°C, -9°C, -11°C, -13°C

Soft Freeze helps keep food chilled and ready to cook without fully freezing it.

To Activate Soft Freeze

- Press the **Function** button until the **Soft Freeze** indicator flashes.
- Press **OK** within 5 seconds to confirm.

To Deactivate Soft Freeze

Repeat the above steps.

The appliance will return to the previous operating mode and temperature setting.

Fast Freeze Mode

Fast Freeze rapidly lowers the compartment temperature to **-32°C** to help preserve food quality and freshness.

Fast Freeze can only be activated while operating in **Freezer Mode**.

To Activate Fast Freeze

1. Press the **Function** button until the **Fast Freeze** indicator flashes.
2. Press **OK** within 5 seconds to confirm.

To Deactivate Fast Freeze

Repeat the above steps.

Alternatively, Fast Freeze will switch off automatically after **26 hours** of operation.

While Fast Freeze is active, the temperature setting cannot be adjusted.

Chill Mode

Chill Mode automatically maintains the compartment temperature at approximately **0°C**.

The temperature can be adjusted between **-3°C and 3°C**.

Chill Mode is ideal for rapidly chilling food and helping maintain freshness.

To Activate Chill Mode

- Press the **Function** button until the **Chill** indicator flashes.
- Press **OK** within 5 seconds to confirm.

To Deactivate Chill Mode

Repeat the above steps.

The appliance will return to the previous operating mode and temperature setting.

Child Lock

The control panel will lock automatically after 15 seconds without button operation.

When Child Lock is active, temperature and function settings cannot be changed.

To unlock the control panel, press and hold the **OK** button for 3 seconds.

Door Open Alarm

If the door remains open for more than 3 minutes, an audible alarm will sound.

Press any button to temporarily silence the alarm.

If the door remains open, the alarm will sound again after 3 minutes.

The alarm will stop automatically once the door is closed.

Power Failure Memory

In the event of a power outage, the appliance will automatically resume the previous operating settings when power is restored.

Compressor Protection Delay

To protect the compressor, the appliance includes a start-up delay function.

Following a power interruption of less than 5 minutes, the compressor will not restart immediately when power is restored.

High Temperature Alarm

When operating in **Freezer Mode** or **Fast Freeze Mode**, the display temperature will flash if the compartment temperature is above **-10°C** when power is restored following an interruption.

This indicates that the compartment temperature has increased during the power outage.

The appliance will automatically return to normal operation once the compartment temperature reaches the selected setting.

For best results, allow approximately 2–3 hours for the compartment to reach the set temperature. In warmer ambient conditions, additional cooling time may be required.

Fault Alarm

If any of the following fault codes are displayed:

E0, E1, EH, EC or other error codes,

please contact Customer Care or an authorised service technician for assistance.

GENERAL CARE AND MAINTENANCE

Cleaning the Refrigerator

- Upon installation of your new appliance, it is recommended that it be cleaned thoroughly and properly maintained thereafter.
- Turn off the Refrigerator and then unplug the unit from the wall outlet.
- Remove all food content before washing the inside with a damp cloth soaked in lukewarm water and dishwasher liquid. **Don't use any chemical detergent which might damage coating of the Refrigerator.**
- Be sure to keep the door gasket (seal) clean to keep the unit running efficiently as improper cleaning can cause the seal to dislodge and tear.
- Dry the interior and exterior with a soft cloth.

Vacation Time

- Turn off the Refrigerator first and then unplug the unit from the power point.
- Remove all food.
- Clean the Refrigerator.
- Leave the lid open slightly to avoid possible formation of condensation, mold, or odors.
- Use extreme caution in the case of children. The unit should not be accessible to child's play.
- **Short vacations:** Leave the Refrigerator operating during vacations of less than three weeks.
- **Long vacations:** If the appliance will not be used for several months, remove all food and unplug the power cord. Clean and dry the interior thoroughly. To prevent odour and mold growth, leave the door open slightly: blocking it open if necessary.

Repositioning and Relocating the Refrigerator

- Unplug the power cord from the wall outlet.
- Remove all the food and drinks.
- Securely tape down all loose items inside your Refrigerator.
- Tape the doors to be closed securely.
- It is recommended that the Refrigerator stays in the upright position during transportation. But if it is laid down for transport purpose, please lift it up immediately after the job is done. Please wait for at least 24 hours before putting the power.

TROUBLESHOOTING GUIDE

Problem	Solution
The Refrigerator has no power	➤ Power cord isn't plugged in properly. ➤ The circuit breaker tripped or a blown fuse. ➤ Try a different power point.
Compressor runs all the time	➤ The room temperature is hotter than normal. ➤ A large amount of food has been added to the Refrigerator. ➤ The door is opened too often. ➤ The door is not closed completely. ➤ The temperature control is not set correctly. ➤ The door gasket does not seal properly. ➤ The Refrigerator does not have the correct clearances. ➤ The Refrigerator has recently been disconnected for a period of time. 6+ hours are required for the Refrigerator to cool down completely pending on operating conditions.
Temperature inside the Refrigerator is too cold.	➤ Temperature control is set too cold. Turn the control to a warmer setting and allow several hours for the temperature to stabilize.
Temperature of external Refrigerator side walls are warm.	➤ The exterior Refrigerator walls can be as much as 15-20 degrees warmer than room temperature. This is normal while the compressor works to transfer heat from inside the Refrigerator cabinet to the condenser behind the Refrigerator side walls.
Popping or cracking sound when compressor comes on.	➤ Metal parts undergo expansion and contraction, as in hot water pipes. This is normal. Sound will level off or disappear as Refrigerator continues to run.
Bubbling or gurgling sound, like water boiling.	➤ Refrigerant (used to cool Refrigerator) is circulating throughout the system. This is normal operation.
Vibrations.	➤ Check the Refrigerator is on a level/even surface. ➤ Refrigerator rocks on the floor when it is moved slightly. Be sure floor can adequately support Refrigerator. ➤ Level the Refrigerator by putting wood or metal shims under part of the Refrigerator. ➤ The Refrigerator is touching the wall. Re-level the

	Refrigerator and move it from the wall. See “Installation Instructions”.
Moisture forms on outside of Refrigerator.	➤ Door is slightly open, causing cold air from inside the Refrigerator to meet warm moist air from the outside.
The doors will not close properly.	➤ The Refrigerator is not on a level surface. ➤ The gasket/s may be dirty or not properly maintained. Clean the seals and make sure they are dry before closing the door/s. ➤ The storage basket and/or shelves are out of position.

For any enquiries, please call the CHiQ Customer care on: 1300 796 688



Customer Service

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