CHEST FREEZER

USER'S MANUAL

PHILCO

Famous for Quality the World Over

PCF 1002 i

PCF 1452 i

PCF 2002 i

PCF 2602 i

NAD 1/40 g

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Dear customer,
Thank you for buying a PHILCO brand product. So that your appliance serves you well, please read all the instructions in this user's manual.

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CONTENTS

PART 1: SAFETY INFORMATION 2
- Children and vulnerable people safety 2
- General safety 2
- Daily use 3
- Care and cleaning 3
- Installation 3
- Service 4
- Energy saving 4
- Environment protection 4

PART 2: OVERVIEW 5

PART 3: INSTALLATION 6
- Install door external handle 6
- Location 8

  Electrical connection 8

  Space requirement 8

  Positioning 8

PART 4: DAILY USE 9
- First use 9
- Daily use 10

  Helpful hints and tips 11

  Cleaning 11

  Troubleshooting 13

  Replace the lamp 14

PART 5: INFORMATION SHEET 15

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PART 1: SAFETY INFORMATION

In the interest of your safety and to ensure the correct use, before installing and first using the appliance, read this user manual carefully, including its hints and warnings. To avoid unnecessary mistakes and accidents, it is important to ensure that all people using the appliance are thoroughly familiar with its operation and safety features. Save these instructions and make sure that they remain with the appliance if it is moved or sold, so that everyone using it through its life will be properly informed on appliance use and safety.
For the safety of life and property keep the precautions of these user's instructions as the manufacturer is not responsible for damages caused by omission.

Children and vulnerable people safety

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given super vision or instruction concerning use of the appliance in a cafe and understand the hazards involved.
- Children should be supervised to ensure that they do not play with the appliance.
- Cleaning and user maintenance shall not be made by children unless they are aged from 8 years and above and supervised.
- Keep all packaging well away from children. There is risk of suffocation.
- If you are discarding the appliance pull the plug out of the socket, cut the connection cable (as close to the appliance as you can) and remove the door to prevent playing children to suffer electric shock or to close themselves into it.
- If this appliance featuring magnetic door seals is to replace an older appliance having a spring lock (latch) on the door or lid, be sure to make that spring lack unusable before you discard the old appliance. This will prevent it from becoming a death trap for a child.

General safety



WARNING!
Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.



WARNING!
Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.



WARNING!
Do not damage the refrigerant circuit.



WARNING!
Do not use other electrical appliances (such as ice cream makers) inside of refrigerating appliances, unless they are approved for this purpose by the manufacture.

- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- The refrigerant isobutane (R600a) is contained within the refrigerant circuit of the appliance, a natural gas with a high level of environmental compatibility, which is nevertheless flammable.
- During transportation and installation of the appliance, be certain that none of the components of the refrigerant circuit become damaged.

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- avoid open flames and sources of ignition
- thoroughly ventilate the room in which the appliance is situated

- It is dangerous to alter the specifications or modify this product in any way. Any damage to the cord may cause a short circuit, fire and/or electric shock.
- This appliance is intended to be used in household and similar applications such as
  - staff kitchen areas in shops, offices and other working environments;
  - farm houses and by clients in hotels, motels and other residential type environments;
  - bed and breakfast type environments;
  - catering and similar non-retail applications.

WARNING!
Any electrical components (plug, power cord, compressor and etc.) must be replaced by a certified service agent or qualified service personnel.

- Power cord must not be lengthened.
- Make sure that the power plug is not squashed or damaged by the back of the appliance. A squashed or damaged power plug may overheat and cause a fire.
- Make sure that you can come to the mains plug of the appliance.
- Do not pull the mains cable.
- If the power plug socket is loose, do not insert the power plug. There is a risk of electric shock or fire.
- This appliance is heavy. Care should be taken when moving it.
- Do not remove nor touch items from the freezer compartment if you hands are damp/wet, as this could cause skin abrasions or frost/freezer burns.
- Avoid prolonged exposure of the appliance to direct sunlight.

Daily use

- Do not put hot on the plastic parts in the appliance.
- Frozen food must not be re-frozen once it has been thawed out.
- Store pre-packed frozen food in accordance with the frozen food manufacture's instructions.
- Appliance s manufactures storage recommendations should be strictly adhered to. Refer to relevant instructions.
- Do not place carbonated of fizzy drinks in the freezer compartment as it creates pressure on the container, which may cause it to explode, resulting in damage to the appliance.
- Ice lollies can cause frost burns if consumed straight from the appliance.

Care and cleaning

- Before maintenance, switch off the appliance and disconnect the mains plug from the mains socket.
- Do not clean the appliance with metal objects.
- Do not use sharp objects to remove frost from the appliance. Use a plastic scraper.
- Regularly examine the drain in the chest freezer for defrosted water. If necessary, clean the drain.

Installation

IMPORTANT!
For electrical connection carefully follow the instructions given in specific paragraphs.

- Unpack the appliance and check if there are damages on it. Do not connect the appliance if it is damaged. Report possible damages immediately to the place you bought it. In that case retain packing. It is advisable to wait at least four hours before connecting the appliance to allow the oil to flow back in the compressor.

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- Adequate air circulation should be around the appliance, lacking this leads to overheating. To achieve sufficient ventilation follow the instructions relevant to installation.
- Wherever possible the spacers of the product should be against a wall to avoid touching or catching warm parts (compressor, condenser) to prevent possible burn.
- The appliance must not be located close to radiators or cookers. Make sure that the mains plug is accessible after the installation of the appliance.

Service

Any electrical work required to do the servicing of the appliance should be carried out by a qualified electrician or competent person. This product must be serviced by an authorized Service Center, and only genuine spare parts must be used.

Energy saving

- Don't put hot food in the appliance;
- Don't pack food close together as this prevents air circulating;
- Make sure food don't touch the back of the compartment(s);
- If electricity goes off, don't open the door(s);
- Don't open the door(s) frequently;
- Don't keep the door(s) open for too long time;
- Don't set the thermostat on exceeding cold temperatures;
- Some accessaries, such as drawers, can be removed to get larger storage volume and lower energy consumption.

Environment protection

This appliance does not contain gasses which could damage the ozone layer, in either its refrigerant circuit or insulation materials. The appliance shall not be discarded together with the urban refuse and rubbish. The insulation foam contains flammable gases: the appliance shall be disposed according to the appliance regulations to obtain from your local authorities. Avoid damaging the cooling unit, especially the heat exchanger. The materials used on this appliance marked by the symbol ♺ are recyclable.
The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it should be taken to the appropriate collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local council, your household waste disposal service or the shop where you purchased the product.

♺ Packaging materials

The materials with the symbol are recyclable. Dispose the packaging in a suitable collection containers to recycle it.

Disposal of the appliance

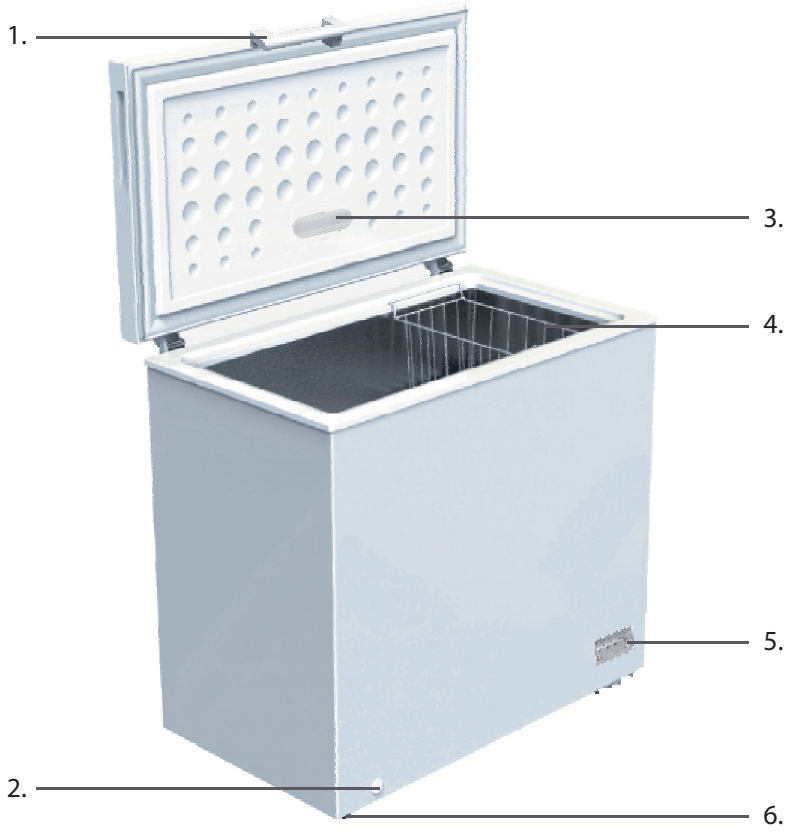
1. Disconnect the mains plug from the mains socket.
2. Cut off the mains cable and discard it.

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PART 2: OVERVIEW



1. External Handle
2. Drain Hole
3. LED Lamp
4. Basket
5. Thermostat control panel
6. Wheel

NOTE:
Above picture is for reference only.

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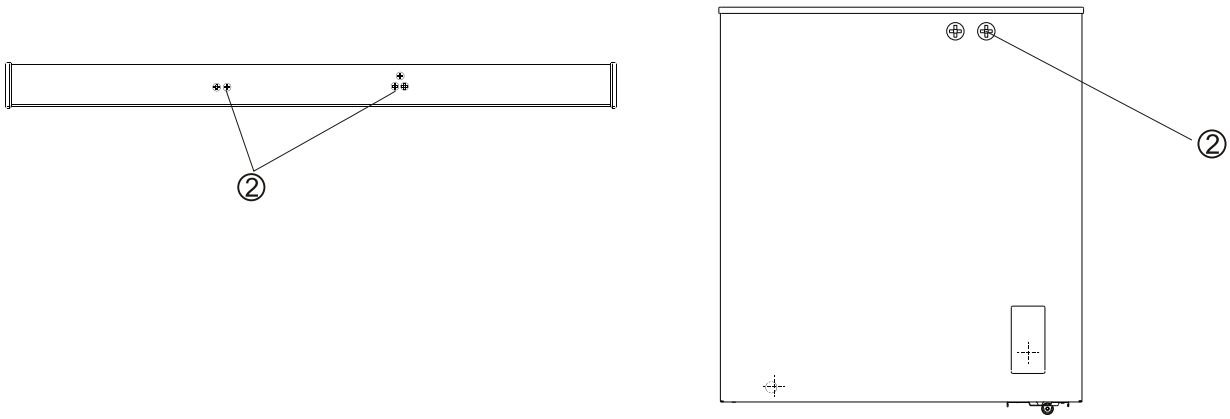
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PART 3: INSTALLATION

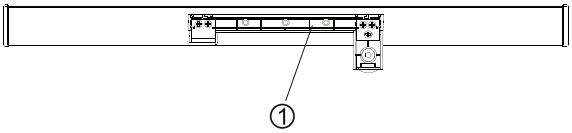
Install door external handle (if external handle is present)

Step 1



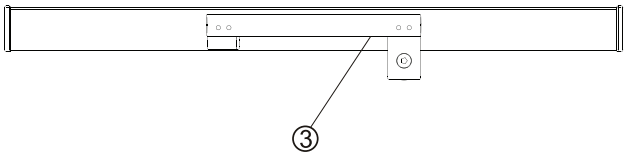
Step 1
Pick out the screws ② on the freezer cabinet and door by tools, total 7 pieces and Pick out the handle base with lock ① handle cover ③, and lock ring ④

Step 2



Step 2
Fix the handle base ① on the door by driving 5 pieces of screws picked

Step 3



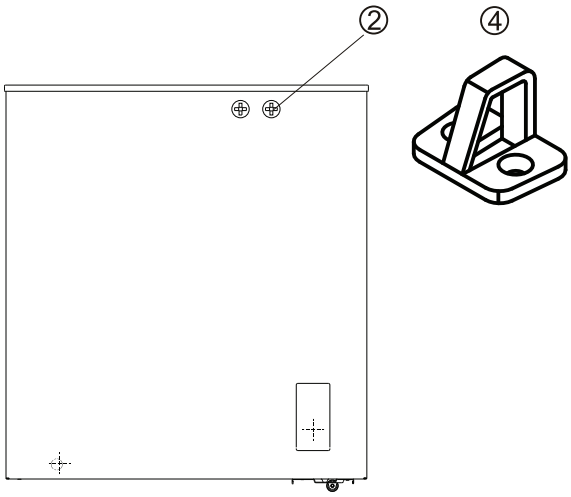
Step 3
Fix the handle cover ③ in the way of handle orbit ①

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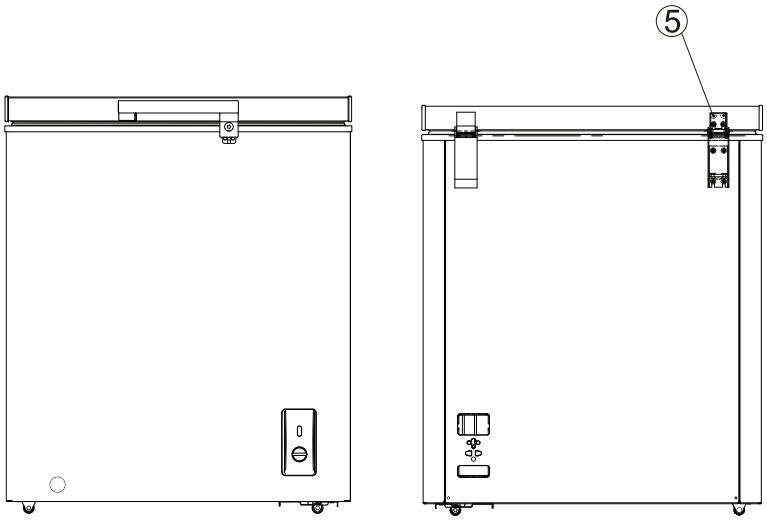
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Step 4



Step 4
Fix the lock ring ④ on the freezer cabinet using the balanced 2 screws ②

Note



NOTE:
If the lock ring failed to hold the lock when installing handle, please unscrew the round head screws 5 on the back of door and adjust the position of door upper and lower. Then drive the screw to fix the handle

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Location

The appliance should be installed well away from sources of heat such as radiators, boilers, direct sunlight etc. Ensure that air can circulate freely around the back of the cabinet. To ensure best performance, if the appliance is positioned below an overhanging wall unit, the minimum distance between the top of the cabinet and the wall unit must be at least 100 mm. Ideally, however, the appliance should not be positioned below overhanging wall units. Accurate leveling is ensured by one or more adjust-able feet at the base of the cabinet.

WARNING!
It must be possible to disconnect the appliance from the mains power supp-ly; the plug must therefore be easily accessible after installation.

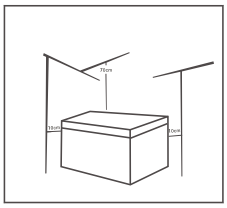
Electrical connection

Before plugging in, ensure that the voltage and frequency shown on the rating plate correspond to your domestic power supply. The appliance must be earthed. The power supply cable plug is provided with a contact for this purpose. If the domestic power supply socket is not earthed, connect the appliance to a separate earth in compliance with current regulations, consulting a qualified electrician.
The manufacturer declines all responsibility if the above safety precautions are not observed.
This appliance complies with the EU Directives.

Space requirement

The folowing are recommend. Clearances around the chest freezer

Sides	10cm
Back	10cm
Top	70cm



Positioning

Install this appliance at a location where the ambient temperature corresponds to the climate class indicated on the rating plate of the appliance:

Climate class	Ambient temperature
SN	+10°C to +32°C
N	+16°C to +32°C
ST	+16°C to +38°C
T	+16°C to +43°C

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PART 4: DAILY USE

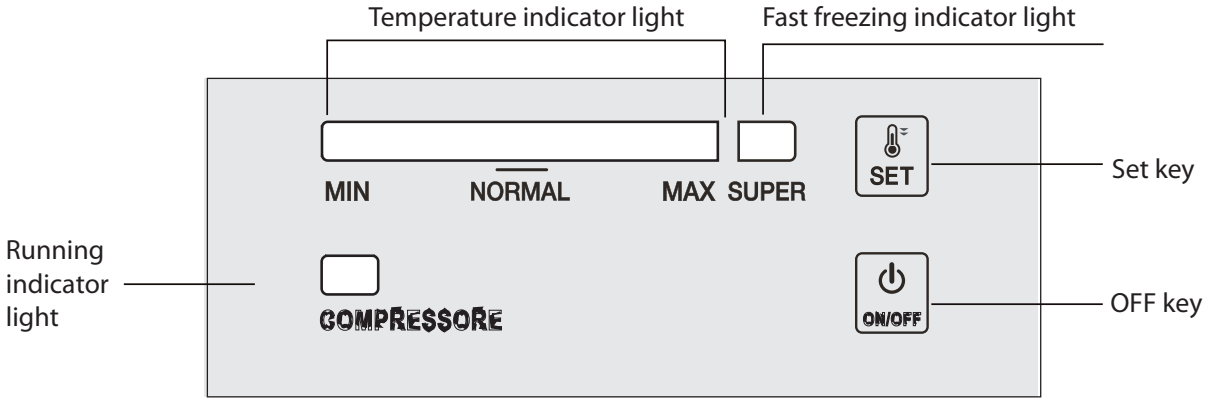
First use

Cleaning the interior

Before using the appliance for the first time, wash the interior and all internal accessories with lukewarm water and some neutral soap so as to remove the typical smell of a brand new product, then dry thoroughly.

IMPORTANT!
Do not use detergents or abrasive powders, as these will damage the finish.

Temperature setting



1.0 Electrical connection

- When the appliance is plugged in, all LED indicator lights will flash once. Then the appliance will resume the mode previously set before the electrical outage.

2.0 Temperature Setting

- Setting: Press "SET" button, enter the temperature setting mode. The temperature indicator bar of temperature goes up a scale by each press. This setting runs in cycles. Temperature can run from Scale MIN to Scale MAX. Scale MAX is the coldest. The temperature is automatically set in 5 seconds after last press.
- Super Freezing
  - Press "SET" button consecutively to enter "SUPER" freezing mode from Scale MAX, the indicator bar on the left hereby will turn dark whereas the indicator light of "SUPER" turns on. This mode is automatically set in 5 seconds after last press.
  - The compressor keeps working in "SUPER" freezing mode.
  - If the "SUPER" mode keeps running for 52 hours and not stopped manually, the system will automatically cut out this mode, with the temperature back at Scale 5.

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2.1 Power On & Power Off

- If the appliance is working, press "ON/OFF" for 3 seconds to turn off.
- If the appliance is off, press "ON/OFF" for 3 seconds to turn on.

3.0 Indicator Lights

- Temperature Indicator Light (Bright Blue): To adjust the temperature from Scale MIN to Scale MAX. MAX is the coldest.
- Super Freezing Indicator Light (Bright Blue): Light on = in "SUPER" mode; light off = exit "SUPER" mode.
- Running Indicator Light (Bright Green): Light on = compressor in work; light off = compressor stops.
- 30 minutes after the last operation, the indicator light will be on in half luminance.

4.0 Resumption Function

- The appliance will automatically resume the mode previously set before the electrical outage.

5.0 Temperature Sensor Fault Alarm

- When there is a disconnection or short out of the temperature sensor, as a fault alarm, the temperature indicator bar will flash from left to right every 0.5 second.

Daily use

Freezing fresh food

- The freezer compartment is suitable for freezing fresh food and storing frozen and deep-frozen food for a long time.
- Place the fresh food to be frozen in the bottom compartment.
- The maximum amount of food that can be frozen in 24 hours is specified on the rating plate.
- The freezing process lasts 24 hours: during this period do not add other food to be frozen.

Storing frozen food

When first starting-up or after a period out of use. Before putting the product in the compartment let the appliance run at least 2 hours on the higher settings.

IMPORTANT!
In the event of accidental defrosting, for example the power has been off for longer than the value shown in the technical characteristics chart under "rising time", the defrosted food must be consumed quickly or cooked immediately and then re-frozen (after cooked).

Thawing

Deep-frozen or frozen food, prior to be used, can be thawed in a fridge compartment or at room temperature, depending on the time available for this operation.
Small pieces may even be cooked still frozen, directly from the freezer. In this case, cooking will take longer.

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Helpful hints and tips

Hints for freezing

To help you make the most of the freezing process, here are some important hints:

- the maximum quantity of food which can be frozen in 24 hrs. is shown on the rating plate;
- the freezing process takes 24 hours. No further food to be frozen should be added during this period;
- only freeze top quality, fresh and thoroughly cleaned, foodstuffs;
- prepare food in small portions to enable it to be rapidly and completely frozen and to make it possible subsequently to thaw only the quantity required;
- wrap up the food in aluminium foil or polythene and make sure that the packages are airtight;
- do not allow fresh, unfrozen food to touch food which is already frozen, thus avoiding a rise in temperature of the latter;
- lean foods store better and longer than fatty ones; salt reduces the storage life of food;
- water ices, if consumed immediately after removal from the freezer compartment, can possibly cause the skin to be freeze burnt;
- it is advisable to show the freezing in date on each individual pack to enable you removal from the freezer compartment, can possibly cause the skin to be freeze burnt;
- it is advisable to show the freezing in date on each individual pack to enable you to keep tab of the storage time.

Hints for storage of frozen food

To obtain the best performance from this appliance, you should:

- make sure that the commercially frozen foodstuffs were adequately stored by the retailer;
- be sure that frozen foodstuffs are transferred from the food store to the freezer in the shortest possible time;
- not open the door frequently or leave it open longer than absolutely necessary.
- Once defrosted, food deteriorates rapidly and cannot be refrozen.
- Do not exceed the storage period indicated by the food manufacture.

Cleaning

For hygienic reasons the appliance interior, including interior accessories, should be cleaned regularly.



CAUTION!
The appliance may not be connected to the mains during cleaning. Danger of electrical shock! Before cleaning switch the appliance off and remove the plug from the mains, or switch off or turn out the circuit breaker or fuse. Never clean the appliance with a steam cleaner. Moisture could accumulate in electrical components, danger of electrical shock! Hot vapors can lead to the damage of plastic parts. The appliance must be dry before it is placed back into service.



IMPORTANT!
Ethereal oils and organic solvents can attack plastic parts, e.g. lemon juice or the juice form orange peel, butyric acid, cleanser that contain acetic acid.

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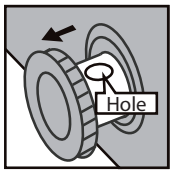
- Do not allow such substances to come into contact the appliance parts.
- Do not use any abrasive cleaners
- Remove the food from the freezer. Store them in a cool place, well covered.
- Switch the appliance off and remove the plug from the mains, or switch off or turn out the circuit breaker of fuse.
- Clean the appliance and the interior accessories with a cloth and lukewarm water. After cleaning wipe with fresh water and rub dry.
- Accumulation of dust at the condenser increases energy consumption. For this reason carefully clean the condenser at the back of the appliance once a year with a soft brush or a vacuum cleaner.1)
- After everything is dry place appliance back into service.

1) If the condenser is at back of appliance.

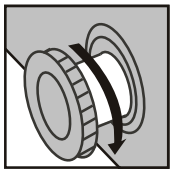
Defrosting of the freezer

The freezer, however, will become progressively covered with frost. This should be removed.
Never use sharp metal tools to scrape off frost from the evaporator as you could damage it.
However, when the ice becomes very thick on the inner liner, complete defrosting should be carried out as fellows:

- Unplug the unit. Remove the drain plug from the inside of the freezer. Defrosting usually takes a few hours. To defrost faster keep the freezer door open.
- For draining, place a tray beneath the outer drain plug. Pull out the drain dial.



- Rotate the drain dial 180 degree. This will let the water flow out in the tray. When done, push the drain dial in. Replug the drain plug inside the freezer compartment. Note: monitor the container under the drain to avoid overflow.
- Wipe the interior of the freezer and replace the electrical plug in the electrical outlet.
- Reset the temperature control to the desired setting.



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Troubleshooting

CAUTION!
Before troubleshooting, disconnect the power supply. Only a qualified electrician of competent person must do the troubleshooting that is not in this manual.

IMPORTANT!
There are some sounds during normal use (compressor, refrigerant circulation).

Problem	Possible cause	Solution
Appliance dose not work	Mains plug is not plugged in or is loose	Insert mains plug.
	Fuse has blown or is defective	Check fuse, replace if necessary.
	Socket is defective	Mains malfunctions are to be corrected by an electrician.
Appliance freezes too much	Temperature is set too cold or the appliance runs at MAX setting.	Turn the temperature regulator to a warmer setting temporarily.
The food is not frozen enough.	Temperature is not properly adjusted.	Please look in the initial Temperature Setting section.
	Door was open for an extended period.	Open the door only as long as necessary.
	A large quantity of warm food was placed in the appliance within the last 24 hours.	Turn the temperature regulation to a colder setting temporarily.
	The appliance is near a heat source.	Please look in the installation location section.
Heavy build-up of frost on the door seal.	Door seal is not air-tight.	Carefully warm the leaking sections of the door seal with a hair dryer (on a cool setting). At the same time shape the warmed door seal by hand such that it sits correctly.
Unusual noises	The appliance is touching the wall or other objects.	Move the appliance slightly.
	A component, e.g. a pipe, on the rear of the appliance is touching another part of the appliance or the wall.	If necessary, carefully bend the component out of the way.

If the malfunction shows again, contact the Service Center.
These data are necessary to help you quickly and correctly. Write the necessary data here, refer to the rating plate.

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Replace the lamp

The switch of LED lamp is gravity controlled, when the angle of door-opening is bigger than 30. Degree, light will switch on and switch off when the angle is smaller than 30 degree.

NOTICE:
When LED lamp does not work when door is open, please contact with staff of after-sale service for assistance.

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PART 5: INFORMATION SHEET

INFORMATION SHEET: Philco

Philco brand: PHILCO					
Brand	Philco	Philco	Philco	Philco	Philco
Model identification	PCF 1002 i	PCF 1452 i	PCF 2002 i	PCF 2602 i	PCF 316 2 i
Category of domestic cooling appliance model 1)	9	9	9	9	9
Energy efficiency class (A... low electricity consumption to G high electricity consumption)	A++	A++	A++	A++	A++
„European Union Ecolabel" according to directive (EU) No. 66/2010	No	No	No	No	No
Electricity consumption per 365 days 2) kWh	134	152	174	196	219
Total available volume: l	100	145	200	260	316
of which: refrigerator part l	-	-	-	-	-
of which: freezer part l	100	145	200	260	316
Star mark for the freezer area	*(***)	*(***)	*(***)	*(***)	*(***)
Temperature 3) ´´of other areas´´ (T>14°C)	-	-	-	-	-
Frost-free 4)	NO	NO	NO	NO	NO
Storage time after shut-off (temperature rise time) [hrs.]	24	26	30	36	37
Freezing performance kg/24h	10	13,5	15,5	21	23
Climatic class 5)	SN, N, ST, T	SN, N, ST, T	SN, N, ST, T	SN, N, ST, T	SN, N, ST, T
Noise level 6) dB (re 1pW)	42	42	42	42	42
Built-in appliance	No	No	No	No	No
Voltage	220-240v/50Hz	220-240v/50Hz	220-240v/50Hz	220-240v/50Hz	220-240v/50Hz
Dimensions in mm (h x w x d)	846 x 545 x 550	846 x 705 x 550	846 x 910 x 555	850 x 960 x705	850 x1120 x 705
Weight (kg)	26	29	34	40	44
Max. power W	325	350	450	700	720

1) 1 = Refrigerator without low temperature areas
   7 = Refrigerator/freezer with low temperature areas *(***)
   8 = upright freezer 9 = chest freezer 10 = Multi-purpose and other cooling appliances
2) Electricity consumption in kWh / year is based on the results of a normalised test carried out over a period of 24 hours. Actual electricity consumption depends on the use and location of the appliance.
3) For wine storage areas in appliances, the lowest permanently maintainable storage temperature is given
4) No Frost system
5) SN: ambient temperatures from +10 °C to +32 °C
   N: ambient temperatures from +16 °C to +32 °C
   ST: ambient temperatures from +16 °C to +38 °C
   T: ambient temperatures from +16 °C to +43 °C
6) Noise level according to European norm EN 60704

NOTE:
All the here provided data is subject to change.

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INSTRUCTIONS AND INFORMATION REGARDING THE DISPOSAL OF USED PACKAGING MATERIALS

Dispose of packaging material at a public waste disposal site.

DISPOSAL OF USED ELECTRICAL AND ELECTRONIC APPLIANCES



The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this product at your applicable collection point for the recycling of electrical & electronic equipment waste. Alternatively in some states of the European Union or other European states you may return your products to your local retailer when buying an equivalent new product. The correct disposal of this product will help save valuable natural resources and help in preventing the potential negative impact on the environment and human health, which could be caused as a result of improper liquidation of waste. Please ask your local authorities or the nearest waste collection centre for further details. The improper disposal of this type of waste may fall subject to national regulations for fines.

For business entities in the European Union
If you wish to dispose of an electrical or electronic device, request the necessary information from your seller or supplier.

Disposal in other countries outside the European Union
If you wish to dispose of this product, request the necessary information about the correct disposal method from local government departments or from your seller.

CE This product meets all the basic EU regulation requirements that relate to it.

Changes to the text, design and technical specifications may occur without prior notice and we reserve the right to make these changes.

Czech is the original version.
Manufacturer address: PHILCO, Praha 10, Černokostelecká 2111, CZ-10000; CZECH REPUBLIC

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