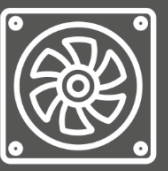
SNAIGE
MEDICAL

MEDGUARD
Professional Healthcare Supplies

MD14DD-P301QX2
MD14DD-P600QX2

PHARMACY REFRIGERATOR **EN**
Original Instruction for use



EN

DEAR CUSTOMER!

CAREFULLY READ THE INSTRUCTION MANUAL. If instructions are not followed, there is a risk of injury, damage of the device and loss of the right to free warranty service.

The Manufacturer shall not be held liable for damage arising from the failure to observe the instructions contained in this manual.

Keep this manual for future reference, or to pass it over to the next user.

This instruction applies to more than one model and may contain inconsistencies.

General information:

The refrigeration device is intended for the professional storage of medicines, etc. for the storage of pharmaceutical preparations at a temperature of +5 °C degrees.

The device is suitable for medicines, etc. for pharmaceutical preparations that must be stored at a temperature between +2 °C and +8 °C.

The temperature - energy parameters of the device meet the requirements of DIN 13277.

The noise emitted by the device does not exceed 42 dB(A)

Do not use refrigeration inside the device:

- For cooling and storage of chemically unstable, flammable or alkaline substances.
- For cooling and storage of blood, plasma or other infused body fluids.

GUIDELINES CONCERNING THE SAFETY OF USE

General safety requirements:

- WARNING: Do not cover the ventilation openings of the device.
- WARNING: Do not use electrical devices inside the storage compartments of the device, unless they are of the type recommended by the manufacturer.
- WARNING: Do not use any mechanical tools or other/chemical agents other than those recommended by the manufacturer to speed up the defrosting process.
- WARNING: Do not store explosive substances such as aerosol cans with a flammable propellant in this device.
- WARNING: When positioning the device, ensure the supply cord is not trapped or damaged. This can cause a short circuit and a fire.
- WARNING: Do not locate multiple portable socket-outlets or portable power supplies at the rear of the device.
- WARNING: Disposal of the device should be according to national rules.

WARNING: Do not damage the device refrigeration system. It contains the refrigerant gas R600a. If the refrigeration system is damaged:

- Do not use any open flame.
- Avoid sparks - do not turn on/off any electrical devices or lighting fixtures.
- Immediately ventilate the room: air the room in which the device is placed for a few minutes (the size of the room for a product containing isobutane/ R600a must be at least 4 m^3).

C-Pentane is used as blowing agent in the insulation foam and it is a flammable gas.

- This device is designed only for cooling and storing of pharmaceuticals.
- It is prohibited to store petrol and other flammable liquids near the device.
- Do not allow children to play with the packaging material from the device.
- Only qualified personnel who are familiar with the installation, commissioning and operation of the refrigerating device are allowed to install, check, maintain and operate the device. Qualified personnel are persons who, due to their technical education, knowledge and experience and knowledge of the relevant standards, are able to assess and perform the work assigned to them and to recognize potential hazards. They must be trained, instructed and authorized to operate the device. Children and persons with limited physical, sensory or mental capabilities or without sufficient experience and knowledge are prohibited from operating and operating this device

Requirements for the connection to the mains:

- The device should ONLY BE CONNECTED TO AN EARTHED SOCKET INSTALLED IN ACCORDANCE WITH THE REGULATIONS. This product complies with all binding CE labelling directives. The earthed electrical socket by which the device is connected to the mains should be in an accessible place. It is a legal requirement that the device is properly earthed. The manufacturer will not be held liable for any damage or injury which may result from the failure to fulfil this requirement.
- It is mandatory to replace a damaged power cord with a proper one of the same type as the one used by the refrigeration device manufacturer to prevent damage to health and property
- To avoid the exposure to danger, always have faulty cable to be replaced only by the manufacturer, by our customer service or by a qualified person and with a cable of the same type.

- It is forbidden to readjust or modify any parts of the unit. It is crucial not to damage the capillary tube visible in the compressor recess. The tube may not be bent, straightened or wound. If the capillary tube is damaged by the user the guarantee will be void.
- Do not use adapters, multiple sockets and two-wire extension leads.
- Make sure that the plug of the electrical cord is not squeezed by the back wall of the device or otherwise damaged. A DAMAGED PLUG CAN BE THE CAUSE OF A FIRE!

☞ **CAUTION!** If the installed interior lighting light-emitting diode (LED) lamp for the device is not functioning, contact the maintenance and repair representative for replacements. LAMPS CAN BE REPLACED ONLY BY THE MAINTENANCE AND REPAIR REPRESENTATIVE

☞ DO NOT TRY REPAIR THE DEVICE ON YOUR OWN. ALWAYS CONTACT AN AUTHORIZED TECHNICIAN. To avoid the exposure to danger, always have faulty cable be replaced only by the manufacturer, by our customer service or by qualified person whit a cable of same type.

Requirements for safe use:

- When performing activities, such as cleaning, maintenance or moving, the device must be completely disconnected from power supply (by pulling the plug out from the socket). **Do not forget** to turn off the emergency (reserve) power supply of the electronic controller with button **10** (see fig.1) before that.
- It is forbidden to use a technically damaged device.
- If the device is unplugged (for cleaning, moving to another place, etc.), it may be repeatedly switched on after **15 min**.
- **Do not pull on the cord, but hold in the body of the plug instead.**
- Do not place heavy objects on the top of the refrigerating device.
- Do not place any switched on electrical devices on top of the device.
- Do not place any dishes with liquids on top of the device.
- Do not climb on or sit on the device, do not lean on or hang on the device doors.
- Do not use water spray and steam to clean the device.

WARNING: the device may only be used with original accessories from the manufacturer or accessories from other suppliers approved by the manufacturer. Use of non-approved accessories is at the user's own risk.

It is recommended to transport the refrigerating device in a vertical position. The manufacturer is not responsible for failures of the device if the conditions of transportation not is followed.

INSTALLATION AND OPERATING CONDITIONS

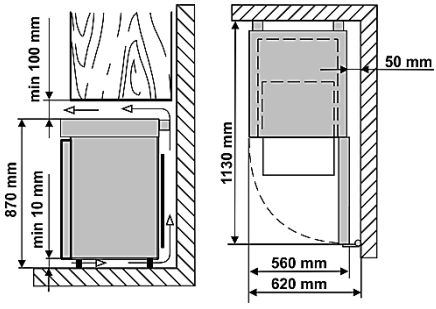
Positioning:

- This device can be installed in a dry, well ventilated indoor location where the ambient temperature corresponds to the climate class indicated on the rating plate of device.

☞ **CAUTION!** Do not install this device in areas that are too humid or too cold. Place the device away from heat sources such as radiators, or direct sunlight. The device must not touch any pipes for heating, gas or water supply, or any other electrical devices.

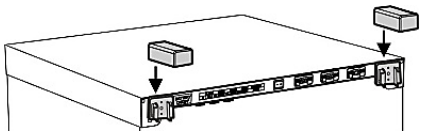
- Do not cover the ventilation holes at the top of the devices – it must be a good air circulation around the appliance. There should be a gap of at least 10 cm between the top of the appliance body and any furniture that may be above it. If this requirement is not followed, the appliance consumes more electrical energy and its compressor may overheat.

- The device must stand on a level surface and must not touch the wall. If necessary, regulate the height of the device by adjusting the levelling feet: by turning them clockwise – the front of the appliance rises, by turning them counter clockwise – it comes down.
- **Scheme of the external space required to operate the device. External dimensions for installation**. If the device is placed in a corner, a gap of at least 5 cm must be left between the device body and the wall (see Fig.).



Preparing for operation:

- It is recommended to prepare the device for operation with a helper.
- Remove package. Lift the device away from foamed polystyrene base. Therefore take out adhesive tapes from sides and simply lift the device up and take out the board. Strip adhesive tapes off and open the door. Remove all the red coloured parts, they are only used for the transportation of the device.
- **When placing, moving, lifting the device, do not hold the door handles, do not pull the condenser at the rear part of the refrigerator and do not touch the compressor unit.** When placing the device in its intended location, it is not recommended to turn it over.
- Remove the handle, the screws and tools from the plastic bag. Screw the handle with screws in the holes prepared on the side of the door.
- Remove the two supports from the bag and insert them into the guides at the top of the back of the device (see fig.)



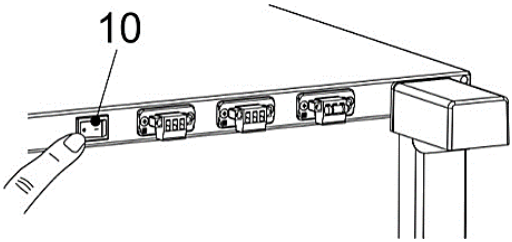
The device **should not be connected** to the mains until all packing and transport materials are removed. Suitably dispose the packaging material.

First use:

- Wash the interior of the device and all internal parts with lukewarm water and a small amount of ethyl alcohol-based cleaning agents - this will remove the characteristic smell of a new device - and dry well
- Once the unit has been positioned, wait for about **30 minutes** before it is connected to the mains.

After connecting the device to the mains, switch on the emergency backup power supply to the controller using switch **10** (Fig. 1)

When the device is decommissioned and disconnected from the mains, it is necessary to disconnect the emergency backup power supply to the controller using switch **10** (Fig. 1)



If the unit has been tilted more than 45° during transport: Wait at least 4 hours before connecting the appliance to the power supply. If this is not done, the appliance compressor may fail.

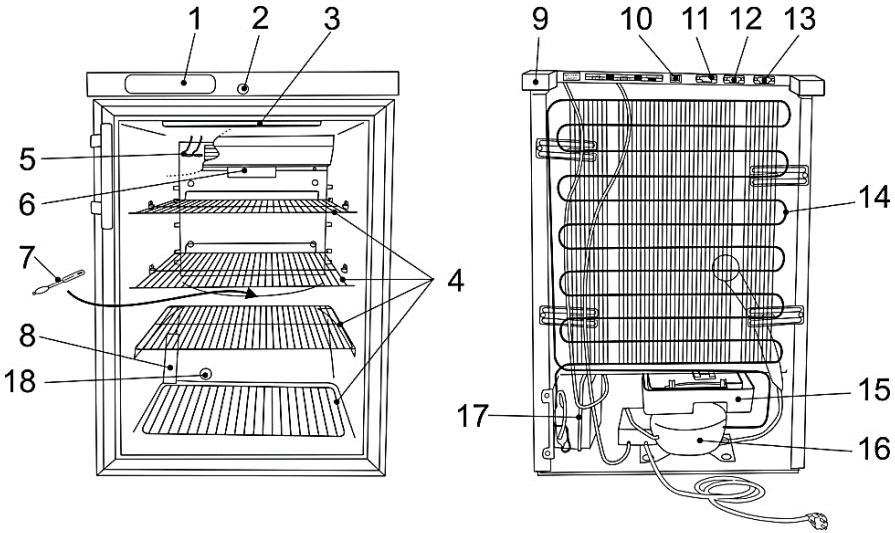
Storage links:

- Put medicines and other pharmaceutical preparations in the device when the required temperature has been reached inside it.

  Do not cover the circulating air fan inside the cooling slots. **Place the drugs or pharmaceuticals in such a way that the air can circulate freely**. This is important for unhindered air circulation and uniform temperature distribution throughout the device.
- Refrigerated drugs or pharmaceutical preparations must not touch the back wall.
- Keep liquids in closed containers.

DESCRIPTION OF THE DEVICE, BASIC PARTS

Fig. 1



1	Electronic controller display	**10**	Emergency power disconnect switch
2	Lock*	**11**	External alarm connection
3	Interior lighting unit	**12**	Network connection RS 485
4	Shelves	**13**	Resistor
5	Sensors	**14**	Condenser
6	Calibration block**	**15**	Tray for collection of the defrost water
7	Water channel cleaner	**16**	Compressor
8	Sensor cover	**17**	Toolbox
9	Support	**18**	Access port

* Lock keys (2 pcs.) are attached to one of the shelves.

** Calibration block for use of calibration service. Calibration service is an optional service, made by Service partner.

Maximum load for each shelf is 20 kg.

After connecting the device to the mains and pressing the emergency power switch **10** of the controller (see Fig. 1):
- for the first 3 seconds, absolutely all symbols on the screen light up.
- After 3 sec. "r.1.0" - software version - starts to light up.
- After another 2-3 seconds. the actual temperature is displayed.

When the device is turned on, the fan turns on and runs continuously. When the device door is opened, the fan turns off and the interior lighting of the refrigerator turns on. The lighting is controlled by an electronic controller. If needed, the interior lighting can be turned on for continuous operation.

THE DEVICE HAS A SECOND SAFETY CONTROL THAT PREVENTS THE TEMPERATURE INSIDE THE DEVICE FROM FALLING BELOW +2 °C.

When the device is connected to the mains for the first time, the electronic controller will display the current temperature inside the device (hereinafter referred to as the **ACTUAL** temperature).

☞ **The electronic controller will always display the actual temperature in the refrigeration unit instead of the set temperature.**

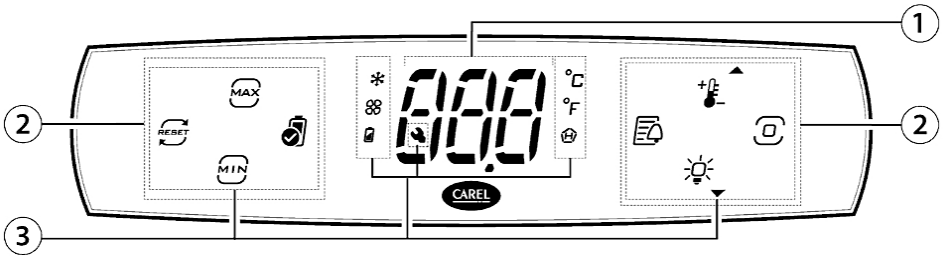
The average temperature of the device is set to +5 °C and the temperature is not adjustable (+5 °C to ensure an average temperature, the electronic controller display will show the actual temperature range from +2 to +8 °C). A fixed unregulated control temperature of +5 °C is programmed in the controller. THE SET TEMPERATURE CAN BE CHANGED BY THE MANUFACTURER OR OFFICIAL REPRESENTATIVES.

NOTE. The electronic controller on the display shows the variable air temperature near the evaporator and is used to control the refrigeration device. I.e. the controller displays the actual average temperature, so **when storing** medications **that are sensitive to temperature changes**, it is recommended to use additional temperature measuring devices (positioned at different device heights) for optimal temperature selection

Technical data sheet

Model	MD14DD-P301QX2	MD14DD-P600QX2
Gross capacity, l	130	
Nett capacity, l	100	
External dimensions (H x W x D) mm	870 x 560 x 620	
Weight, kg	38	
Rated current, A	0,5	
Voltage / Frequency rated, V / Hz	220 – 240 / 50	
Rated power input, W	90	
Climate class	7 (from +10 to +35, ≤75%)	
Temperature range (min/max), °C	from +2 to +8	
Annual energy consumption, kWh	274	176

DESCRIPTION OF THE ELECTRONIC CONTROLLER



1	Display
2	Icons/backlit buttons
3	Icons

Electronic controller display symbols and their explanation:

Icons/backlit buttons		Icons/backlit buttons	
MIN	Minimum temperature		Compressor
MAX	Maximum temperature		Fan
RESET	Reset min and max temperature		Battery status
	Battery check	°C	Celsius measurement scale
	Alarm logs	°F	Fahrenheit measurement scale
	Set point/Up arrow	H	High temperature
	Programming button		Assistance Maintenance
	Lights/ Down arrow		

The date and time in the controller are set with the help of the CONTROLLA app after connecting via Bluetooth connection.

Controller Screen Description:

When the device is turned on, absolutely all display symbols light up for the first 3 seconds. After 3 seconds, „r.1.0" - the software version - starts to light up. After another 2-3 seconds, the temperature starts to be displayed.
The controller screen shows the instantaneous recorded temperature, which corresponds to the product's average temperature, and a control button.

The controller screen is locked from accidental adjustment in standby mode. A short press of the programming button shows the active loads.

Activation of the controller screen is done by touching and holding the programming button until three horizontal lines light up on the screen as shown in the picture (more symbols than shown in the picture may light up).

Direct access to the information captured by the controller:

Touching button MAX displays the maximum recorded temperature. The display of the maximum temperature is deactivated by pressing button MAX again.

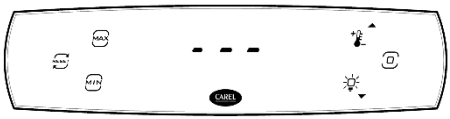
Touching button MIN displays the minimum recorded temperature. The display of the minimum temperature is switched off by pressing button MIN again.

In order to delete the values of max and min temperatures, you need to touch button RESET. Instead of three dashes, „YES" starts to light up. To confirm, touch the programming button.

You can view the list of alarms by touching button. If the list of alarms is empty, touch button and the letters „ESC" will light up. Touching programming button returns to the initial active screen.

Otherwise, all registered alarms can be viewed by touching button or. After viewing the list of alarms, use button or to go to the letters „ESC" on the controller screen and return to the initial active screen by touching button.

With the controller screen activated: ⟶



- touching button shows the set control temperature. To return to the usual active screen, touch programming button.
- touching button turns on or off the lighting inside the device.
- after touching programming button, the letters "dir" start to light up. In this case, some parameters of the controller settings can be changed.

Switching off and on the device compressor and other electrical components with the help of the controller:

1. Touch and hold programming button until three horizontal lines light up on the display of the device controller instead of temperature displays and other symbols start to light up, which means that the controller has switched to the active screen.
2. Touch programming button again so that the letters "dir" start to light up on the screen of the controller, which means that the controller has switched to the settings change screen. Use button or to go to the text on the "OnF" screen.
3. After touching programming button, the letters "On" start to light up on the screen. To turn off the compressor and other electrical components, use button or to switch the letters „OFF" on the screen and touch programming button.
4. Use button or to go to the text on the screen „ESC" and touch programming button to start lighting up the letters „dir".
5. After that, use button or again to go to the text on the screen "ESC" and touch programming button to switch the controller to the active screen. After approximately 6 s, the controller's display goes into standby mode and alternately displays the temperature and the letters „OFF".

If you want to turn on the compressor and other electrical components of the device, you need to perform all the points again, just use the button or on page 3 to select the letters „On" on the screen. The further course of action remains the same.

Note: Turning on and off the interior lighting of the device works regardless of whether other electrical components of the device are turned off with the help of the controller.

Changing other controller parameters and viewing information using the active controller screen:

Touch programming button and go to the active screen of the controller (the letters „dir" are displayed). Use button or to select one of the settings groups:

dir - list of direct settings. Touch programming button to enter the list. Use button or to select one of the settings:	
OnF	means turning the device on/off. Described in Chapter II.
Fr	touch programming button shows the software version. To return to the list of monitoring data, touch programming button.
dFП	pressing programming button displays the „OFF" manual defrost selection. With the help of button or , choose whether to turn on „On" or not „OFF" defrosting. After selecting „On" touch programming button to confirm.
Eco	touching the programming button displays the „OFF" option for switching on the Eco mode. With the help of button or , choose whether to activate the „ON" or not to activate the „OFF" Eco mode. After selecting „On" touch programming button to confirm.
SrG	by touching programming button, the temperature of the regulating sensor is displayed.

Sn	touching the programming button shows the temperature of the blowing air sensor
SPr	by touching the programming button, the temperature of the product is displayed
boF	after touching programming button ,activate battery storage status „OFF" is displayed. With the help of button or , choose to activate „On" or not to activate „OFF" battery storage status. Touch the programming button to confirm the selection.
ESC	returns to the list of settings groups. Touch programming button to confirm.

Pnt – monitoring information. To enter the list, touch programming button . With the help of button or , one of the settings listed below is selected:

rL2	touching programming button shows the recorded minimum temperature. Touch the programmin button to return to the list of monitoring data.
rH2	touching the programming button shows the recorded maximum temperature. To return to the list of monitoring data, touch programming button.
rt	touching programming button shows the length of the minimum and maximum temperature monitoring interval in hours. To return to the list of monitoring data, touch programming button .
ESC	return to the list of settings groups after touching programming button .

Ctr - control settings lists. Touch **programming** button to enter the list. Use button or to select one of the settings:

SPr	by touching the programming button, the temperature of the product is displayed
boF	after touching programming button, activate battery storage status „OFF" is displayed. With the help of button or , choose to activate "On" or not to activate „OFF" battery storage status. After selecting „On" touch programming button to confirm.
ESC	returns to the list of settings groups. Touch programming button to confirm.

Pro - Display settings. Touch programming button to enter the list. Use button or to select one of the settings:

/5	is the temperature measurement scale selection setting. Touching programming button displays "0", which means that the controller measures the temperature on the Celsius scale. To switch to the Fahrenheit measurement scale, use button or to set "1" and touch programming button to confirm.
ESC	returns to the list of settings groups. Touch programming button to confirm.

HcP' - temperature alarms. Touch programming button to enter the list. Use button or to select one of the settings:

HAn	touching programming button displays the number of registered HA type alarms.
HFn	touching programming button shows the number of registered HA type alarms.
rHP	is to delete the list of registered alarms. „0" is displayed when programming button is touched. To delete the list of registered alarms, use button ▲ or ▼ to select „1" and to confirm, touch programming button .
ESC	returns to the list of settings groups. Touch programming button to confirm.

CnF - Configuration. Touch programming button ⊙ to enter the list. Use button ▲ or ▼ to select one of the settings:

Hb	enable/disable the sound signal. Touching programming button displays „1". To turn off the sound alarm, use button ▲ or ▼ to select „0" and to confirm, touch programming button.
ESC	returns to the list of settings groups. Touch programming button to confirm.

ALП - alarm settings. Touch programming button ⊙ to enter the list. Use button ▲ or ▼ to select one of the settings:

AH	touching the programming button shows the allowable high temperature deviation in degrees from the set control temperature according to the temperature measurement scale of the controller. Use button ▲ or ▼ to set the desired high temperature tolerance and touch programming button to confirm.
AL	touching programming button shows the permissible low temperature deviation in degrees from the set control temperature according to the controller's temperature measurement scale. Use button ▲ or ▼ to set the desired high temperature tolerance and touch programming button to confirm.
Ad	pressing programming button displays the activation delay time for high and low temperature alarms in minutes. Use button ▲ or ▼ to set the desired high and low temperature alarm activation delay time in minutes and touch programming button to confirm.
Add	by touching programming button the activation delay time for door open and high temperature door open alarms is displayed in minutes. With the help of button ▲ or ▼, set the desired delay time in minutes for the door open and high temperature alarms after opening the door and touch programming button to confirm.
rSA	reset alarms. „0" is displayed when programming button is touched. To resete alarms, use button ▲ or ▼ to select "1" and to confirm, touch programming button
ESC	returns to the list of settings groups. Touch programming button to confirm.

PSd - entering the password to access the service menu. Touch programming button to enter the list. Use button or to enter the service mode password and touch programming button to confirm.

ESC - return to the original active screen. Touch programming button to return to the initial active screen.

Alarms table

Screen code	Description
HA	High temperature alarm
LO	Low temperature alarm
HF	High temperature alarm after mains voltage failure
bLC	Disappearance of suitable voltage
dor	Open door alarm
E1	First sensor failure or sensor disconnected
E2	Second sensor failure or sensor disconnected
E3	Third sensor failure or sensor disconnected
Etc	Clock error
SrC	Maintenance request

Note: Active alarms are disabled using mobile apps.

The settings of the controller can be changed using the CAREL CONTROLLA mobile devices, which are connected to the controller via Bluetooth.

APP can be downloaded from the Google Play or App Store websites. CONTROLLA - local and remote new interaction application for end users. Password - 0

bLE lights up on the controller screen when the mobile device is connected.

Downloading logs of registration data collected by the controller is done with the help of APP. In the APP, you can set the time period of the downloaded information.

The temperature is recorded in the log book at 20 min intervals.

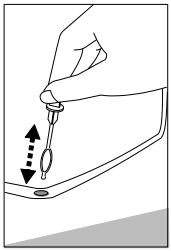
☞ To connect to the RS485 network, contact the Service.

CLEANING AND CARE

THE DEVICE DEFROSTS AUTOMATICALLY. The ice droplets formed on the wall of the evaporator are defrosted during the pause of the compressor operation, at which time the automatic defrost sign is activated on the display of the electronic controller. The thawed water drains through a tube into the bath **15** (Fig. 1), designed to collect the melt water, and evaporates from there.

CLEAN THE DEVICE REGULARLY.

Remember that before cleaning, it is necessary to turn off the emergency (reserve) power supply of the electronic controller with button 10 (fig. 1), and to disconnect it from the power supply network - pull the cord plug from the electrical outlet.
After cleaning and connecting the device to the mains, switch on the emergency backup power supply to the controller using switch 10 (Fig. 1).



- Regularly clean the hermetic gaskets of the doors. Wipe dry.
- REGULARLY CLEAN THE THAW WATER CHANNEL SPACE IN THE DEVICE WITH A SPECIAL CLEANER FOR THAT PURPOSE (see fig.).
- At least once a year, clean the dust accumulated on the back part of the refrigerating device body, the condenser and the compressor. You can use a soft brush, electrostatic wipes or a vacuum cleaner for cleaning.
- Clean the inside, shelves and outside of the device with lukewarm water or ethyl alcohol-based cleaners or water-based household cleaners.
- Clean the glass with products intended for glass
- DO NOT use cleaners containing abrasive particles, acid, gasoline to clean the inside and outside of the device, the door seal gasket.
  DO NOT use cloths or sponges for cleaning on rough, scrubbing surfaces.
  DO NOT use spray deicers.
  DO NOT clean with compressed air/steam.
- If the device is left empty for a long time, turn it off, defrost, clean, dry and leave the door open to prevent mold from forming inside the device.
- **Only disinfect the device with ethyl alcohol-based products.**

Maintenance schedule. Maintenance work is to be performed at regular intervals to ensure proper appliance function.

Component	Activity	Maintenance interval
Sheet metal parts	Check for damage and corrosion.	Yearly
Door, hinges	Check alignment, ease of movement, and tight fit	Yearly
Lock, door handle	Check for ease of movement the and tight fit the	Yearly
Door seal	Check for damage, wear, and tight fit.	Yearly
Sensor	Calibrate sensor	No less than every 36 months
Battery	Replace appliance battery	5 to 10 years
Surfaces	Cleaning, disinfection (see CLEANING AND CARE)	Monthly
Back part, condenser	Cleaning the dust (see CLEANING AND CARE)	Yearly
Mains cable	Check for damage	Yearly or if there is a change of location
Resistor, plug connections	Check plug connections for tight fit.	Yearly

CHANGING THE OPENING DIRECTION OF THE DOORS

We recommend changing the opening direction of the device door with an assistant.

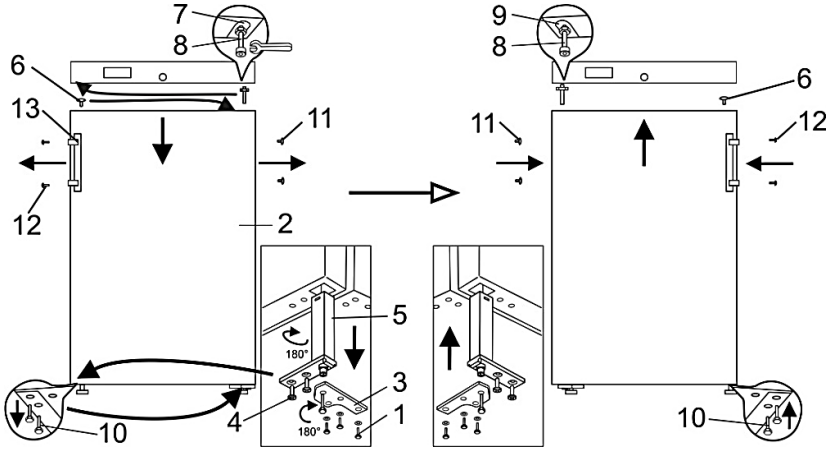
You will need: wrench 8mm and 12mm and a Phillips screwdriver.

When changing the door opening direction, it is FORBIDDEN to place the device horizontally.

Before you start, please note the following:
- Always ensure that the correct number of washers is used on all hinge bolts and screws.
- So that the doors can close tightly against the frame, take the utmost care that they are properly aligned during reassembly.

For model **MD14DD-P600QX2**. Do the actions below in the order they are listed:

ATTENTION! Switch off the appliance and remove the plug from the power supply socket. Do not forget to turn off the emergency (reserve) power supply of the electronic controller beforehand).



1. Turn the device at a 45° angle to the back and support it firmly.
2. Unscrew the three screws **1** of the bottom bracket and pull down to remove the door **2** together with the bottom bracket **3**.
3. Lay the removed door on a flat surface and prepare it for left opening:
   a. Unscrew two self-tapping screws **4** and pull out the closing mechanism together with the lower bracket **3**;
   b. Remove the bracket **3** from the selfclosing mechanism. Turn the bracket 180º and install the selfclosing mechanism in the hole on the left side of the door in reverse order. The closing mechanism with the bracket must be installed so that when the door is closed there is a 15-20° opening of the door.
   c. From the top of the door, pull out the blind **6** and place on the patterned side of the door.
4. Unscrew the axis **8** from the upper bracket **7** together with the nut and washers and screw the whole assembly into the bracket **9** on the opposite side of the door.
5. Hook the door by hooking it onto the upper axis **8** screwed to the left.
6. After unscrewing the two screws **10**, attach the lower bracket **3**; Screw in screws **10** on the other side of the cabinet.

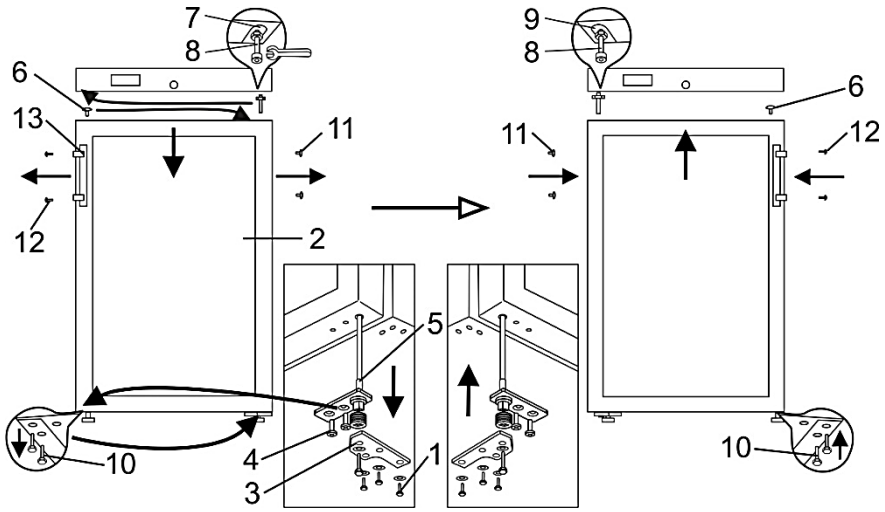
7. Remove the blinds **11** from the door, unscrew the fixing screws **12**, remove the handle **13** and fix it by screwing the screws into the holes on the opposite side.
8. Insert the blind **11** removed from the left side of the door into the free handle mounting holes on the right side.

If the door fits unevenly after changing the direction, you can adjust it:
- adjust the even position of the door by sliding the lower bracket left / right;
- Ensure that the door fits snugly by changing the amount of spacers under the bracket.

NOTE. Once the unit has been positioned, wait for about **30 minutes** before it is connected to the mains. If you tilt the device at an angle of more than 45 ° when changing the direction of the door opening, allow it to stand upright for **4 hours** before connecting it to the mains.

Model **MD14DD-P301QX2**

ATTENTION! Unplug the power cord from the outlet. (Don't forget to turn off the emergency (backup) power supply of the electronic controller first)

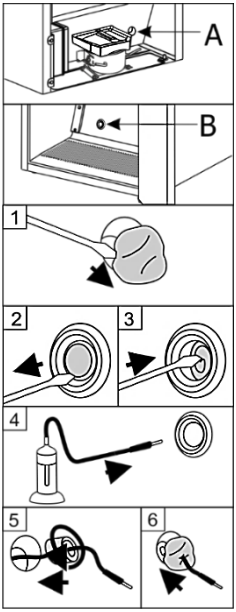


1. Turn the device on its back at a 45° angle and rest it firmly.
2. Unscrew the three self-tapping screws **1** of the lower bracket **3** and pull down to remove the door together with the lower bracket.
3. Lay the removed door on a flat surface and prepare it for left opening:
   a. Unscrew 2 self-tapping screws **4** and pull out the closing mechanism together with the lower bracket;
   b. Remove bracket **3** from the closing mechanism. Turn the bracket 180º and install the closing mechanism in the hole on the left side of the door in reverse order. The closing mechanism with the bracket must be installed so that when the door is closed there is a 60° door opening.
4. Unscrew the axle **8** together with the nut and spacers from the upper bracket **7** and screw the whole set on the opposite side of the door to the bracket **9**.
5. Hang the door by putting it on the left upper axle **8** and fixing the lower bracket with self-tapping screws **1**.

6. Unscrew the fastening screws **12** from the door, remove the handle **13** and fix it in the holes on the other side of the door (plugged with blinds **11**).
7. Into the empty holes for fixing the handles on the right side, insert the blinds **11** removed from the left side of the door.

NOTE. If you have tilted the appliance at an angle greater than 45° when changing the door opening direction, let it stand upright for 4 hours before connecting to the mains. Remember to turn on the controller's emergency backup power when plugged in.

HOW TO USE THE ACCESS PORT



You will need 4mm flat head screwdriver.

ATTENTION! Switch off the device and remove the plug from the power supply socket. Do not forget to turn off the emergency (reserve) power supply of the electronic controller beforehand.

1. Remove the sealing paste from the access port hole on side **A** of the compressor compartment (see Fig. 1).
2. Inside the device **B**, remove the cover from the access port hole using a screwdriver (see Fig. 2).
3. Push out the insulating material with a screwdriver (see Fig. 3).
4. Insert the sensor cable from inside the device B through the hole (see Fig. 4).
5. On the niche side A, wrap the sensor wire with insulating material and push it into the hole of the access port (see Fig. 5).
6. Additionally, seal the hole on side A with sealing paste (see Fig. 6).

After connecting the device to the mains, switch on the emergency backup power supply to the controller using switch **10** (Fig. 1).

OPERATION PROBLEMS AND THEIR SOLUTIONS

- **The device is plugged in to the mains but it does not work.** Check if your house electricity supply installations are in order. Check if the plug is correctly inserted into the electricity supply socket.
- **The noise has become louder.** Check if the device is standing stable, on a level place. To make it level, regulate the front feet. Check if the device is not touching any furniture and if no part of the refrigeration system at the back part of the device body is touching the wall. Pull the device away from any furniture or walls. Check if the cause of increased noise isn't due to bottles, in the device that might be touching each other.
- **Water has appeared at the bottom of the device compartment.** Check whether a thaw water channel space isn't blocked. Clean the thaw water channel space with a cleaner intended for that purpose.
- **When the device door is opened, the rubber sealing gasket pulls out.** The gasket is smeared with sticky stuffs. Clean the sealing gasket and the groove for it with warm water containing soap or dishwashing detergent and wipe dry. Put the rubber sealing gasket back into the place.

- **The top of the device has condensation on it.** The ambient relative air humidity is above 75 %. Ventilate the room where the device stands and if possible remove the cause of the humidity.

Notes on the operation sound of the refrigerating device. When the device is working, various operating sounds are emitted during the refrigerating process, it is a normal phenomenon, it is not a malfunction. Hissing, bubbling, hissing sounds are caused by the refrigerant circulating in the refrigeration system. The compressor of the device emits a stronger humming or clicking sound when it starts up for a short time.

ENVIRONMENTAL PROTECTION INFORMATION

Important Note:
This device is marked according to the European directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE). 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.

The symbol on the product, or on the documents accompanying the product, indicates that this device may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment.

A rechargeable battery is installed in the device. The battery must be removed when you wish to dispose of the device and sent for separate waste treatment for batteries. **Do not damage or short circuit the battery.**

Disposal must be carried out in accordance with local environmental regulations for waste disposal. For more detailed information about treatment, recovery and recycling of this product, please contact your local authority, your household waste disposal service or the retailer where you purchased the product.

Our packaging are made of environmentally friendly materials, which can be reused:

- The external packaging is made of cardboard/foil
- The FCKW free shape of foamed polystyrene (PS)
- Polyethylene (PE) foils and bags

The refrigerants and foaming agents, which are 100% free of FCKW and FKW have been used for manufacturing our product. Therefore we are helping to protect the ozone layer and prevent the increase of greenhouse effects. Also, the innovative technology and environmentally friendly insulation help in reducing energy consumption.