REDFOX®

# Instruction manual



## Cooling cabinet 533 l, stainless steel
## 230 V / 1N
## DRR 600 S

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## 1. DECLARATION OF CONFORMITY

Decree of the Ministry of Health of the Czech Republic no. 38/2001 Coll. of 19 January 2001 Regulation (EC) No 1907/2006 - Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) Regulation of the European Parliament and Council Regulation (EC) no. 1935/2004 of 27 October 2004

The products meet the requirements of §26 of Act No.258/2000 as amended. The products meet the requirements of RoHS Directive 2015/863/EU, 10/2011, 517/2014, 2015/1094, 2015/1095.

Attention, the manufacturer gives up any responsibility in case of direct and indirect damage that is relate to poor installation, incorrect intervention or adjustments, insufficient maintenance, incorrect by using and which are eventually caused by other causes that the points referred to in the conditions sales. This appliance is intended only for professional use and must be operated by qualified by persons. Parts that have been secured by the manufacturer or authorized worker after the setting rebuild.

## 2. TECHNICAL DATA

The label with technical data is located on the side or back panel of the device. Please read the wiring diagram and all the following information in the attached manual before installation.

| Net Width [mm] | Net Depth [mm] | Net Height [mm] | Net Weight [kg] | Power electric [kW] | Loading |
|---|---|---|---|---|---|
| 775 | 1850 | 1850 | 98.00 | 0.175 | 230 V / 1N - 50 Hz |

| Annual energy consumption [kWh] | Climate class | Gross depth [mm] | Gross Height [mm] | Insulation thickness [mm] | Load capacity [kg] |
|---|---|---|---|---|---|
| 486 | 4 | 770 | 1970 | 70 | 30 |

| Max ambient temperature [°C] | Maximum device temperature [°C] | Min ambient temperature [°C] | Minimum device temperature [°C] | Number of doors | Number of grids |
|---|---|---|---|---|---|
| 43 | 10 | 18 | 0 | 1 | 4 |

| Refrigerant weight [g] | Gross Volume [m3] | Net Volume [m3] | Gross Weight [kg] | Gross Width [mm] |
|---|---|---|---|---|
| 107.00 | 1.229 | 1.075 | 103.00 | 810 |

## 3. LOCATION ELECTRIC

For the correct operation and placement of the appliance, it is necessary to observe the following all prescribed standards for the given market. Unpack the device and check that the device has not been damaged during transport. Place the device on a horizontal surface (maximum unevenness up to 2°). Small unevenness can be leveled with adjustable feet. If the device will be placed in such a way that it will be in contact with the walls of the furniture, these must withstand a temperature of up to 60°C. Installation, adjustment, commissioning must be performed by a qualified person who is authorized to perform such operations, according to applicable standards. The device can be installed separately or in series with devices of our production. A minimum distance of 10 cm from flammable materials must be observed. In this case, it is necessary to secure the appropriate modifications to ensure the thermal insulation of the combustible parts. The appliance must only be installed on a non-flammable surface or against a non-flammable wall. **Parts of the appliance provided by the manufacturer. or his representative, the worker performing the installation may not rebuild the product.**

## 4. SAFETY MEASURES FOR FIRE PROTECTION

- the appliance may only be operated by adults
- the appliance may be used safely in accordance with applicable market standards:

Fire protection in spaces with special risk or danger

Protection against the effects of heat

- the appliance must be placed so that it stands or hangs firmly on a non-combustible surface

Objects of flammable substances must not be placed on the appliance at a distance less than a safe distance from it (the smallest distance between the appliance and flammable substances is 10 cm).

Table: degree of flammability of building materials included in st. flammability of substances and products

| Degree of flammability | Building materials |
|---|---|
| A - non-flammable | granite, sandstone, concrete, brick, ceramic tiles, plaster |
| B - Not easily flammable | Acumin, Heraclitus, Lihnos, Itaver |
| C1 - highly flammable | wood, hardwood, plywood, hard paper, umakart |
| C2 - moderately flammable | chipboards, solodur, cork boards, rubber, flooring |
| C3 - Highly flammable | wood fiber boards, polystyrene, polyurethane, PVC |

- information on the degree of flammability of common building materials is given in the table above. Appliances must be installed in a safe manner. During installation, the relevant design, safety and hygiene regulations must also be respected:
- fire safety of local appliances and heat sources
- fire protection in areas with special risk or danger
- protection against the effects of heat

## 5. INSTALLATION

**Important:** The manufacturer does not provide any warranty for defects arising as a result of incorrect use, failure to follow the instructions contained in the attached user manual and mishandling of appliances. Installation, modification and repair of appliances for large kitchens, as well as their dismantling due to possible damage to the gas supply, can only be carried out on the basis of a maintenance contract, this contract can be concluded with an authorized dealer, while technical regulations and standards and regulations must be observed regarding installation, electrical supply, gas connection and work safety. Technical instructions for installation and adjustment, for use by specialized technicians ONLY. The instructions that follow refer to a technician qualified for installation to carry out all operations in the most correct manner and according to the applicable standards. Any activity related to regulation etc. must only be performed with the device disconnected from the network. If it is necessary to keep the appliance under voltage, the utmost care must be taken. The type of appliance for extraction is declared on the nameplate, it is an A1 appliance.

## 6. CONNECTING THE ELECTRICAL CABLE TO THE NETWORK

Installation of the electrical supply - this supply must be separately secured. Ato with the corresponding circuit breaker of rated current depending on the power input of the installed device. Check the power consumption of the device on the production label on the back panel (or side) of the device. The connected ground wire must be longer than the other wires. Connect the device directly to the network, it is necessary to insert a switch between the device and the device with a minimum distance of 3 mm between the individual contacts, which corresponds to the applicable standards and load. The earth supply (yellow-green) must not be interrupted by this switch. Connect the device to the mains if the socket has adequate protection. In any case, the supply cable must be located so that it does not reach a temperature of 50 degrees higher than the environment at any point. Before the appliance is connected to the network, it is necessary to first make sure that:

- the supply circuit breaker and the internal distribution can withstand the current load of the appliance (see matrix label)
- the distribution board is equipped with effective grounding according to the standards of the relevant market and the conditions given by law
- the socket or switch in the supply is easily accessible from the appliance
- the electrical supply to the device must be made of oil-resistant material

**We disclaim any responsibility in the event that these standards are not respected and in the event of**

**a violation of the above principles. Before first use, you must clean the device, see chapter """"cleaning and maintenance""""". The appliance must be grounded using a screw with a grounding mark.**

- Do not insert the plug of the power supply into the electrical outlet. sockets and do not pull out the zel. sockets with wet hands and pulling on the power cord!
- Do not use extension cords or multiple sockets.
- **The mains connection point must have a maximum of the following impedance: ZMAX = 0.042 + j 0.026 Ω for the phase conductors and 0.028 + j 0.017 Ω for the neutral conductor.**

| Models | Temperature °C | Power Requirements | External dimensions w x D x H (mm) | Weight kg | Volume l |
|---|---|---|---|---|---|
| DRR-200 | 0/+10 | 230 V/ 50 Hz/ 1PH | 595 x 650 x 830 | 46 | 130 |
| DRR-200S/S | 0/+10 | 230 V/ 50 Hz/ 1PH | 595 x 650 x 830 | 42 | 130 |
| DRR-200G | 0/+10 | 230 V/ 50 Hz/ 1PH | 595 x 650 x 830 | 48 | 130 |
| DRR-400 | 0/+10 | 230 V/ 50 Hz/ 1PH | 595 x 650 x 1850 | 78 | 350 |
| DRR-400S/S | 0/+10 | 230 V/ 50 Hz/ 1PH | 595 x 650 x 1850 | 79 | 350 |
| DRR-400G | 0/+10 | 230 V/ 50 Hz/ 1PH | 595 x 650 x 1850 | 82 | 350 |
| DRR-600 | 0/+10 | 230 V/ 50 Hz/ 1PH | 775 x 750 x 1850 | 97 | 570 |
| DRR-600S/S | 0/+10 | 230 V/ 50 Hz/ 1PH | 775 x 750 x 1850 | 98 | 570 |
| DRR-600G | 0/+10 | 230 V/ 50 Hz/ 1PH | 775 x 750 x 1850 | 102 | 570 |
| DRF-200 | -22/ -10 | 230 V/ 50 Hz/ 1PH | 595 x 650 x 830 | 42 | 130 |
| DRF-200S/S | -22/ -10 | 230 V/ 50 Hz/ 1PH | 595 x 650 x 830 | 43 | 130 |
| DRF-200G | -18/ -10 | 230 V/ 50 Hz/ 1PH | 595 x 650 x 830 | 48 | 130 |
| DRF-400 | -22/ -10 | 230 V/ 50 Hz/ 1PH | 595 x 650 x 1850 | 79 | 350 |
| DRF-400S/S | -22/ -10 | 230 V/ 50 Hz/ 1PH | 595 x 650 x 1850 | 80 | 350 |
| DRF-400G | -18/ -10 | 230 V/ 50 Hz/ 1PH | 595 x 650 x 1850 | 83 | 350 |
| DRF-600 | -22/ -10 | 230 V/ 50 Hz/ 1PH | 775 x 750 x 1850 | 102 | 570 |
| DRF-600S/S | -22/ -10 | 230 V/ 50 Hz/ 1PH | 775 x 750 x 1850 | 102 | 570 |
| DRF-600G | -18/ -10 | 230 V/ 50 Hz/ 1PH | 775 x 750 x 1850 | 105 | 570 |

This refrigerator uses R290 refrigerant

Commissioning

- Check that the device is not damaged to be sure. In case of any damage, contact your supplier immediately and DO NOT use the instrument.

- Remove all packaging material.

- Place the device on a firm surface and level it.

- Make sure that the appliance is placed 10 cm away from other objects or walls.

- WARNING! Adequate space is required for proper ventilation and condensation that may occur on the sides or rear of the unit.

- Make sure that the appliance is not placed next to sources of radiant heat (such as a heater, stove or cooker).

- Make sure that the temperature near the device is between 5 and 30°C. Other temperatures may cause deterioration of the instrument's capacity or even damage the instrument.

- Position the appliance so that the plug is always accessible.

- Before using the accessories and the appliance for the first time, wash them with lukewarm water and a soft cloth (use water with a very mild detergent).

- When using the fridge, you can adjust the shelves to your desired height.
- WARNING! Do not use aggressive or caustic cleaning agents. Also, do not use products or solvents containing gasoline. Make sure that no water gets into the unit.
- Follow the steps in the next chapter "Operation".

## 7. OPERATION

- Plug the unit into a grounded outlet.

- Use the "ON/OFF" switch to start the units.

- WARNING! Never move the device you are using.

- Use the front control panel to set the desired temperature.

- Press the "SET" button to display the selected temperature on the display. To return to the current temperature, press "SET" again.

- If you press "SET" for 3 seconds, the set temperature will flash. To adjust the selected temperature, press the up and down arrow button. Press "SET" again to adjust the temperature and return to the current temperature.

- The water droplet button can be used to start defrosting. Press the button for 6 seconds to manually start defrosting. Remember that this is
o short defrost cycle and the freezers still need to be emptied and turned off regularly to completely defrost all ice in the appliance.

- The freezer shelves are not height-adjustable. Allow the cooling system to cool them.

- After switching on the appliance, wait 2 hours before placing the products inside the appliance.

- Place the products approximately 5 cm from the back and side walls of the appliance to prevent the products from freezing and to avoid blocking air circulation in the appliance.

- Do not put wet boxes/products or anything similar into the machine.

- NOTICE! We recommend that you leave enough space between the products on the sides of the unit to maintain proper air circulation. If you do not follow this instruction, you will not be able to guarantee the cooling capacity of the instrument, as the instrument operates with rear wall cooling and a fan to spread cool air through the instrument.

- NOTICE! When you refill the machine, we recommend that you do so towards the end of the day so that the machine has enough time to cool the products for the next day.

- If the device is not "ON/OFF".

- If the device will not be used for an extended period of time, please unplug the power plug from the wall

outlet.

- WARNING! Never place unprotected products in the bottom of the appliance. This is because condensed water is discharged from the bottom of the appliance.

Cleaning and maintenance

- WARNING! Always unplug the appliance from the power outlet before cleaning and maintaining it.

- Check the electrical cable regularly for damage. If it is damaged, it is forbidden to use the device. The electrical cable must be replaced by a certified technician.

- WARNING! The device must be cleaned regularly due to hygiene regulations.

- Further maintenance and repairs must only be carried out by qualified personnel and must be carried out using original parts and accessories.

- WARNING! Never allow water or other liquids to come into contact with the unit and plug.

- WARNING! Also make sure that water or other liquids do not get near the electronics of the unit.

- Wash the accessories and the appliance with lukewarm water and a soft cloth (use water with a very mild detergent).

- NOTICE! Be sure to clean the basket in the door with lukewarm/warm water.Do not use detergents or other products in water. Afterwards, dry the basket in the door carefully.

- The shelves can be cleaned with water and a mild detergent.

- WARNING! Do not put accessories in the dishwasher, damage may occur and detergent or other agents may be aggressive.

- WARNING! Do not use aggressive or caustic cleaning agents. Also, do not use products containing petrol.

- WARNING! Regularly clean the fan and cooling unit/system and remove any dust. This will maintain the proper functioning of the cooling system.

Troubleshooting

| The Problem | Cause | Solution |
|---|---|---|
| Not cooling | - The plug is not properly plugged into the socket<br>- Electrical outage<br>- Broken temperature controller | - Plug the plug back into the socket<br>- Check the electrical supply<br>- Contact the supplier |
| Cooling is insufficient | - poor air circulation in or around the unit<br>- Ambient temperature is too high<br>- The device receives direct sunlight or is close to a heat source<br>- There are too many raw materials in the machine<br>- The fan inside the unit is not working | - Make sure that there is 10 cm of clearance around the entire device<br>- Make sure the environment is properly ventilated<br>- Move the device away from sunlight or heat source<br>- Remove excess ingredients to ensure better air circulation in the machine<br>- Check the fan and make sure it is working and not blocked |

| | | |
|---|---|---|
| The machine makes a lot of noise | - The device is touching another object<br>- The device is not on a flat surface or is not horizontal<br>- The device is not clean inside | - Make sure that there is 1 O cm of clearance around the entire device<br>- Stabilize the unit and level it properly.<br>Make sure it is on a level surface.<br>- Regular maintenance and cleaning is required. |
| Freezing | - The door is opened too often or the unit is pulling the wrong air<br>- The appliance has not been defrosted properly for some time | - Close the door immediately after use and check the basket in the door<br>- The appliance must be cleaned and defrosted regularly. |
| There is an excessive amount of water at the bottom of the machine | - The water drain has become blocked, so the excess water cannot be drained<br>- The appliance is not on a flat surface or is not horizontal so that water cannot drain into the drain<br>- Too much warm air enters the unit, causing excessive humidity | - Pull something thin through the drain to puncture or remove any blockages<br>- Stabilise the device and align it correctly<br>- Close the door immediately after use and check the basket in the door |

## 8. CLEANING AND MAINTENANCE

It is recommended to have the device checked with a specialist service at least once a year. All the interventions in the device can only be carried out by a qualified person who has the authorization to do so. **CAUTION!** The device must not be cleaned with direct or pressure water. Clean the equipment daily. Daily maintenance extends the life and efficiency of the equipment. Always turn off the main inlet to the device. Wash the stainless steel parts with a damp cloth with a detergent without coarse particles and wipe dry. Do not use abrasive or corrosive cleaning agents. Attention! Before using the device, it is necessary to remove the protective foil from the entire surface, and then wash it well with water with detergent, and then wipe it with a damp cloth. **ALERT!** The warranty does not apply to all consumables subject to normal wear (rubber seals, bulbs, glass and plastic parts, etc.). The warranty also does not apply to the device if the installation is not carried out in accordance with the instructions - an authorized worker according to the corresponding standards and if the equipment was unprofessionally manipulated (interventions in the internal equipment, etc.) or were operated by unhappy staff and contrary to the instructions for use, further The warranty does not apply to damage by natural effects or other external intervention. **Required service organization 2 times a year. After the lifetime, the shipping packaging and equipment are submitted to the collection, according to the regulations on waste management and hazardous waste.**