

Operating Instructions Refrigeration Appliances

Model	Order no.	Model	Order no.
BALDUR S 400	323-1501	VRX 955	323-1029
BALDUR S 900	323-1000	VRX 1200	323-1030
BALDUR S 902	323-1002	VRX 1400	323-1037
BALDUR S 903	323-1003	VRX 1600	323-1035
EMS 900	323-1007	VRX 1800	323-1040
ECO S 903	323-7003	VRX 2000	323-1045
ECO S 901 TOP	323-7006	VRX 1200/330	323-1130
ECO S 903	323-7004	VRX 1400/330	323-1135
ECO 2100 TN	323-7070	VRX 1600/330	323-1137
ECO 3100 TN	323-7071	VRX 1800/330	323-1140
ECO 4100 TN	323-7072	VRX 2000/330	323-1145
ECO PS 200	323-7100	PZ 4001	323-1510
ECO PS 300	323-7105	PZ 9001	323-1515
ECO PS 900	323-7005	PZ 1610	323-1091
ECO PS 903	323-70051		
ECO PZ 903	323-70052		
ECO 400 TNA	323-7200	PS 200 G	323-1101
ECO 600 TNA	323-7220	PS 300 G	323-1106
ECO 1200 TNA	323-7225		
ECO 400 BTA	323-7205	FRAN 2-doors	323-1100
ECO 600 BTA	323-7210	FRAN 3-doors	323-1105
ECO 1200 BTA	323-7215		
ECO 2100 BT	323-7077	SH 1500	323-1115
ECO 3100 BT	323-7078	SH 2000	323-1120
ECO 4100 BT	323-7079	SH 2500	323-1125
VIVIA S 401	323-1502	MARGA PZ 2610 TN	323-1092
VIVIA S TOP 2	323-10062		
VIVIA S TOP 4	323-1009	G 420	323-4162
VIVIA S 901	323-1006	G 920	323-4165
VIVIA S 903	323-1004		
		D 420	323-4157
		D 920	323-4160
GN 3100 TNS	323-10715	HAJO 2100 BT	323-1077
GN 3100 TNC	323-4050	HAJO 3100 BT	323-1078
GN 700 TN	323-1020	HAJO 4100 BT	323-1079
GN 1400 TN	323-1025		
GN 70 TN	323-1022	KYLIA 2100 TN	323-1070
GN 140 TN	323-1027	KYLIA 3100 TN	323-1071
GN 350 TN	323-1019	KYLIA 4100 TN	323-1072
GN 600 TNF	323-4055		
GN 600 TV	323-1220	SNACK 2000 TN	323.4065
GN 120 TV	323-1225	SNACK 3100 TN	323-4062
GN 70 BTA	323-1012		
GN 140 BTA	323-1017		
GN 700 BT	323-1010	GIANNI PS 900	323-1005
GN 1400 BT	323-1015	GIANNI PS 903	323-10051

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1. Introduction

- The appliance has been produced in response to the specific exigencies of our clientele; furthermore it has been mechanically and aesthetically checked in every aspect before despatch. For the correct utilisation of the appliance please note the following:
- Carefully read these operating instructions as they contain important information for safe and correct use of the appliance.
- It is advisable to keep the operating instructions in a place where you have them always ready at hand.
- If you pass the appliance to a third party, these operating instructions should be handed over.
- As soon as you have unpacked the appliance, check whether everything is in a faultless condition. Should anything be damaged, do not connect the appliance as such, but inform your dealer.

- For the disposal of the appliance follow the regulations applicable in your country.
- The appliance is designed for cooling. Improper use can cause damages and lead to the loss of warranty.
- In case of fault and/or malfunction, pull the power plug from the socket and inform your dealer. He will carry out the repair with original spare parts.

2. Safety notes

- Connect the appliance to a properly installed and grounded single power socket.
- Do not connect any other appliance to the same outlet.
- The outlet must be easily accessible, so that the plug can easily be removed in case of emergency.
- Please be careful during the transportation or moving of the appliance.
- To prevent possible compressor damage, transport the appliance in upright position. If the appliance has been positioned horizontally, wait 5 hours before activating it.
- Dispose the packing material according to the local regulations.
- All the packaging items (plastic bags, cardboard, polystyrene foam, nails, etc.) should not be left within reach of children, in that they are potential sources of danger.
- If you pull the plug from the socket, always pull at the plug and never at the cable.
- The cable must not come into contact with water or hot parts.
- Do not touch the cable and the plug with moist or wet hands.
- Regularly check the cable. If it is damaged, it must be exchanged by a specialist.
- Before cleaning or repair pull the power plug from the socket. Do not use a wet rag (only moist), high pressure cleaner or a jet of water.
- Do not block the air intake openings and the air discharge outlets. They have to be cleaned from time to time, because dirt and dust can block the slots.
- Repairs may only be undertaken by a qualified specialist using original spare parts.
- Do not attempt to repair the appliance by yourself.
- After power failure or unplugging the appliance always wait at least 5 minutes before putting the plug into the socket.
- If you do not like to use the appliance for a longer time, then pull the power plug from the socket, clean the appliance and cover it with an air-permeable material.

3. Manufacturer's retained rights and responsibility

The manufacturer/dealer cannot be made responsible for damages caused by persons or things as follows:

- Failure of these instructions.
- Improper installation and placing of the appliance
- Unreasonable or wrongful utilisation by untrained personnel
- Changes to the appliance or repairs by unqualified personnel
- Use of replacement parts that are not original
- Exceptional occurrences

4. Placing of the appliance

- Place the appliance on a stable, dry and level surface.
- Make sure that the intended installation space offers enough room for a proper use and maintenance.
- Carefully remove the packing material (wood board, cardboard, solid corner protectors, etc.)
- The distance from both sides and back of the appliance to wall or other substance must be at least 10 cm.
- Keep the appliance out of direct sun or other heat sources to ensure correct temperatures can be achieved.
- Do not block the air intake openings and the air discharge outlets in the appliance.
- The appliance must be connected to a properly installed socket (230V/50Hz/1Ph). Do not use adapter.
- In case the appliance has been positioned horizontally, wait 5 hours before activating it.
- If the appliance has to be displaced, lift it up at the lower sides, so that the feet are not damaged. With the feet, the appliance can be aligned.

4.1 Initial cleaning

Before use all parts of the appliance should be cleaned.

- Clean the appliance outside with a damp cloth and inside addition with a commercial cleaning detergent. Use little or no water.
- Do not use aggressive detergents and under no circumstances steel wool or abrasive sponges.
- The appliance must not be hosed down with water, steam cleaner or pressure washer.
- Wipe the appliance with a soft dry cloth.
- During cleaning do not approach bare-handed the condenser. If necessary always use protective gloves.

4.2 Connection to electrical supply

- Before connecting the appliance to a grounded outlet, check that the type of power indicated on the rating plate corresponds with your mains supply.
- Also check the cable. If it is damaged, it must be replaced by a professional. Make sure that the cable doesn't present a trip hazard.
- Do not use adapters or reduction plugs. Please observe the local regulations.

4.3 Connection to drains

- The drain of defrost water is automatically in all models with integral condensing unit.

5. Technical characteristics

5.1 Noise and vibration

- The sound level of the appliance fitted with integral hermetic condensing unit does not exceed 70 dB, it is therefore not necessary to provide sound insulation.
- Under normal conditions the appliance does not generate vibrations which affect surroundings.

5.2 Possible usages

The refrigeration appliances are designed for cooling and sale of drinks, salads, fruits, vegetables and cold food. They may not be used for storage of medicines. The optimum operating conditions are at an ambient temperature of 10 °C to 35 °C and a relative humidity of 30% to 55%.

6. Operation

The appliances are equipped with an on / off switch and an electronic thermostat.

6.1.1 Switching ON/OFF

Press the rocker switch to turn on the appliance. The switch will light up and the display shows the current internal temperature of the appliance.


6.1.2 Temperature display

During normal operation, the display shows the current temperature in the interior.

6.1.3 Visualization of set temperature

- Briefly press the SET key. The set temperature is shown on the display (setpoint).
- Press again the SET key or wait for 5 seconds to show the room temperature on the display.

6.1.4 Changing the set temperature

1. Push the SET key for more than 2 seconds to change the Set point value.
2. The value of the set point will be displayed and the  LED starts blinking.
3. To change the Set value push the ▼ or ▲ arrows within 10 seconds.
4. To memorise the new set point value push the SET key again or wait 10 seconds.

6.2 Storage of food-stuffs

In order to obtain the best functioning of the appliance it is necessary to observe the following instructions:

- Place the merchandise into the appliance only after it has reached the desired operating temperature given on the digital display.
- Do not place hot food or hot liquids or uncovered food into the appliance. (Food always well packaged or sealed.)
- **IMPORTANT:** Do not place anything on the bottom of the appliance and do not overfill the appliance, because otherwise the air circulation is compromised.
- Avoid frequent or prolonged openings of the door.

6.3 Automatic defrosting

The electronic control system automatically defrosts 4 times in 24 hours. Note: This is not applicable to freezers. The timer switches on at the moment of initial power.

6.4 Manual defrosting

For manual defrosting, press the DEF button or the symbol for melting snow (about 2 seconds). The appliance will start with an automatic defrost immediately, and the next defrost will take place after 6 hours. During the defrost cycle the symbol (DEF) for melting snow lights up. The drain of water during defrosting is done automatically.

6.5 Defrost of freezers

In freezers only the evaporator is defrosted. This happens as soon as possible by an additional heating, and if needed. Nevertheless, should the freezer must be defrosted completely, then turn off the appliance. After defrosting, turn the power on again. If necessary, condensation water on the bottom of the appliance can be collected in a small bowl. The rest wipe off with a cloth.

7. Cleaning and maintenance

- The appliance should be cleaned for hygienic and functional reasons once a week. Follow the instructions in section 4.1 (initial cleaning). Before cleaning the plug must be unplugged from the outlet. The glass panes can be cleaned with a cleaning detergent for windows.

7.1 Cleaning of the condenser

For functional reasons the condenser should be cleaned regularly (depending on the degree of pollution).

- Before cleaning turn off the appliance, and disconnect the plug.
- Clean the condenser by removing the dust that has accumulated on the surface with a brush and a vacuum cleaner.
- The condenser is located in different places depending on the appliance, either interior, below or above of the cooling room.
- For appliances which have a cover plate in front of the condenser, this must be removed before cleaning. To do this, loosening the screws and removing the cover plate. If a filter is behind the cover plate, this should also be cleaned.
- The condenser of the refrigerated table displays is located next to the cooling room. Here remove the cover plate by loosening the four screws (two in the cooling room and 2 outside). Before cleaning of the condenser remove the GN containers.
- For big refrigerators and freezers, the condenser is above of the appliance. For cleaning you need a step ladder.
- For refrigerators and freezer-tables is the condenser next to the cooling room, and that is behind a door. You can open this door with the delivered key

7.2 Period of inactivity of the appliance

If you do not want to use the appliance over a longer time, then do the following:

- Switch the appliance off.
- Pull the plug from the plug socket.
- Clean everything carefully .
- Cover the appliance with an air-permeable material.

8. Troubleshooting and remedies

Often, the malfunction of an appliance is due to simple causes which can easily be eliminated without contacting a technician. Therefore execute the following controls:

8.1 The appliance does not operate.

- Make sure that the plug has been correctly inserted into the socket.
- Check the cable. If it is damaged, it must be replaced by a professional.

8.2 The required temperature is not achieved.

Make sure that:

- The command switch is turned on.
- The temperature is set correctly.
- The appliance is neither in the defrosting phase nor in the post-defrosting phase.
- The evaporator is not covered with frost.
- The condenser is not blocked with dust.
- The appliance is not located near heat sources, or the maximum ambient temperature has been exceeded.
- The condenser unit is ventilated enough.
- The stored food or other objects do not hinder proper closing of the doors and drawers.
- The appliance is not overloaded, loaded with hot food, or loaded in a way that prevents proper air circulation.

8.3 The appliance leaks water.

Check that:

- The discharge outlets are not blocked.
- The appliance has been properly leveled.

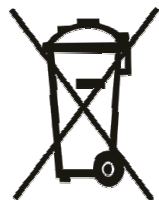
8.4 The appliance is unacceptably noisy.

Check that:

- The bolts and screws are tighten up.
- The appliance is correctly in an upright position.

If, after all these controls, the malfunctioning continues, it is advisable to contact your dealer. Be prepared to supply the model trade name and the serial number (both can be found on the technical data plate.)

9. Waste disposal



For the disposal of the appliance please consider and act according to the national and local rules and regulations.

10. Declaration of conformity

The appliance complies with the current standards and directives of the EU.
We certify this in the EC declaration of conformity.
If required we will be glad to send you the according declaration of conformity.

For technical problems, please contact your dealer.