

# „Bartscher Deli-Cool PRO“ 2/1 GN



**405056**

**ENGLISH**  
**Translation**  
**of the original instruction manual**



**Read these instructions before using and keep them available at all times!**

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## 1. General information

### 1.1 Information about the instruction manual

This instruction manual contains information about the installation, operation and maintenance of the device and should be consulted as an important source of information and reference guide.

Awareness of the safety instructions and instructions for use in this manual will ensure the safe and correct use of the device.

In addition to the information given here, you should comply with any local Health and safety Controls and generally applicable safety regulations.

The instruction manual forms part of the product and should be kept near the device and easily accessible for anyone carrying out the installation, servicing, maintenance or cleaning.

### 1.2 Key to symbols

In this manual, symbols are used to highlight important safety instructions and any advice relating to the device. The instructions should be followed very carefully to avoid any risk of accident, personal injury or material damage.



#### **WARNING!**

*This symbol highlights hazards, which could lead to injury.*

*Please follow the instructions very carefully and proceed with particular attention in these cases.*



#### **WARNING! Electrical hazard!**

*This symbol draws attention to potential electrical hazards. If you do not follow the safety instructions, you may risk injury or death.*



#### **CAUTION!**

*This symbol highlights instructions, which should be followed to avoid any risk of damage, malfunctioning and/or breakdown of the device.*



#### **NOTE!**

*This symbol highlights tips and information, which have to be followed for an efficient and trouble-free operation of the device.*

## 1.3 Liability and Warrantees

All the information and instructions in this manual take into account standard safety regulations, current levels of technical engineering as well as the expertise and experience we have developed over the years.

The instruction manual was translated with all due care and attention. However, we do not accept liability for any translation errors. The German version of this instruction manual is definitive.

If the delivery consists of a special model, the actual scope of delivery may differ from the descriptions and illustrations in this manual. This is also the case for special orders or when the device has been modified in line with new technology. If you have any questions, you should contact the manufacturer.



### **NOTE!**

***Read the instruction manual carefully before using the device. The manufacturer does not accept liability for any damage or malfunction resulting from not following the instructions for use.***

The instruction manual should be kept near the device, easily accessible for anyone wishing to work with or using it. We reserve the right to make technical changes for purposes of developing and improving the useful properties.

## 1.4 Copyright protection

The instruction manual including any texts, drawings, images or other illustrations is copyright. No part of this publication may be reproduced, transmitted or used in any form or by any means without permission in writing from the manufacturer. Any person who commits any unauthorized act in relation to this publication shall be liable to claims for damages. All rights reserved.



### **NOTE!**

***The contents, texts, drawings, pictures and any other illustrations are copyright and subject to other protection rights. Any person unlawfully using this publication is liable to criminal prosecution.***

## 1.5 Declaration of conformity

The device 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.

## **2. Safety**

This section provides an overview of all important safety aspects.

In addition every chapter provides precise safety advice for the prevention of dangers which are highlighted by the use of the above mentioned symbols.

Furthermore, attention should be paid to all pictograms, markers and labels on the device, which must be kept in a permanent state of legibility.

By following all the important safety advice you gain an optimal protection against all hazards as well as the assurance of a safe and trouble-free operation.

### **2.1 General information**

This device is designed in accordance with the presently applicable technological standards. However, the device can pose a danger if handled improperly and inappropriately.

Knowing the contents of the instruction manual as well as avoiding mistakes and thus operating this device safely and in a fault-free manner is very essential to protect yourselves from the hazards.

To prevent hazards and to ensure optimum efficiency, no modifications or alterations to the device that are not explicitly approved by the manufacturer may be undertaken.

This device may only be operated in technically proper and safe condition.

### **2.2 Safety instructions for use of the device**

The specifications regarding the industrial safety are based on the Regulations of the European Union applicable at the time of manufacturing the device.

If the device is used commercially, the user is obliged to ensure that the said industrial safety measures concur with the state of the rules and regulations applicable at the time in question for the entire period of use of the device and to comply with the new specifications.

Outside the European Union, the industrial safety laws applicable at the place of installation of the device and the regional territorial provisions must be complied with.

Besides the industrial safety instructions in the instruction manual, the general safety and accident prevention regulations as well as environment protection regulations applicable for area of application of the device must be followed and complied with.



### **CAUTION!**

- The device can be used by children **8 years and up**, as well as by people with disabilities and those with limited experience/knowledge as long as they are under supervision or have been instructed on proper use of the device and its possible dangers.
- **Children** should not play with the device.
- Cleaning and **maintenance cannot be performed by children** younger than 8 years old and must be done under supervision.
- **Children under the age of 8 years old** must be kept away from the device and its power cord.
- Please keep these instructions and give them to future owners of the device.
- All people using the device should follow the instructions and tips contained in these instructions.

## **2.3 Intended use**

Safe operation is only guaranteed when using the device for its intended purpose.

Any technical interventions, as well as assembly and maintenance are to be made by a qualified customer service only.

The **cold counter** is designed only for **cooling food** with the use of appropriate GN containers or dishes.



### **CAUTION!**

***Any use going beyond the intended purpose and/or any different use of the device is forbidden and is not considered as conventional.***

***Any claims against the manufacturer or his authorized representative as a consequence of experiencing damages resulting from unconventional use are impossible.***

***The operator is liable for all damages resulting from inappropriate use.***

## 3. Transport, packaging and storage

### 3.1 Delivery check

Please check the delivery upon completeness and transport damage immediately after receipt. In case of visible damage do not accept or accept the delivery with reservation only.

Note the extent of damage on the carrier's bill of delivery. Trigger off the complaint.

Hidden damages should be reclaimed immediately after notice, as claims for damages can only be asserted within the effective period for complaints.

### 3.2 Packaging

Please do not throw away the covering carton of your device as it might be useful for storage purposes, when moving or, in case of damages, when the device must be sent back to a repair center. The outer and inner packing material should be removed completely from the device before installation.



#### **NOTE!**

***If you liked to dispose the packing, consider the regulations applicable in your country. Supply re-usable packing materials to the recycling.***

Please inspect the device upon completeness. In case any part is missing please contact our customer service center immediately.

### 3.3 Storage

Keep the package closed until installation and under consideration of the outside indicated positioning- and storage markings.

Packages should be stored under consideration of the following:

- Do not store outdoors.
- Keep it dry and dust-free.
- Do not expose it to aggressive media.
- Do not expose it to direct sunlight.
- Avoid mechanical shocks and vibration.
- In case of longer storage (> 3 months) make sure you check the state of the packaging and the parts regularly.  
If required refresh or renew.

## 4. Technical data

### 4.1 Technical specification

<b>Name</b>	<b>Cold counter „Bartscher Deli-Cool PRO“ 2/1 GN</b>
Item No.:	<b>405056</b>
Material:	chrome nickel steel
Design:	for 2/1 GN, max depth of GN containers 40 mm**
Capacity:	110 litres
Temperature adjustment range:	2 °C – 12 °C
Coolant/Amount:	R600a /149 g
Power requirements:	0.3 kW / 230 V 50 Hz
Size:	W 745 x D 775 x H 610 mm
Size of intermediate shelf:	W 671 x D 418 mm
Weight:	64.8 kg

We reserve the right to make technical changes!

\*\* Delivered without GN containers

#### Design:

- Curved full visual front glass
- Operation side with sliding glass doors for easy filling with foods
- Electronic control
- Ventilated cooling
- Automatic defrost function
- Separately switchable, energy-saving LED lighting

**The ideal supplement: Bartscher gastronomic containers 18/10 made of chrome nickel steel**

- 2/1 GN, 20 mm deep (Item No. A120020) or
- 2/1 GN, 40 mm deep (Item No. A120040)



## 4.2 Overview of parts



- ① Sliding glass doors on operation side
- ② Curved full visual front glass
- ③ Intermediate shelf
- ④ Housing
- ⑤ Height adjustment feet
- ⑥ Storage area for GN containers
- ⑦ LED lighting

## Operation elements



- ⑧ Digital temperature controller
- ⑨ Power cord
- ⑩ **ON-/OFF** toggle switch
- ⑪ Operation control lamp (red)
- ⑫ Ventilation openings

## 5. Installation and operation

### 5.1 Safety instructions



#### **WARNING! Risk of electric shock!**

***The device must only be connected to a properly installed single socket with protective contact.***

***Never remove the power cable by pulling the cable itself; always grab the plug housing.***

- Never allow the power cable to come into contact with heat sources or sharp edges. The power cable should not hang over the side of the working surface. Ensure that no one can step on or trip over the cable.
- The power cable must not be folded, bent or tangled, and must always remain fully unrolled.
- Never place the device or other objects on the power cable.
- Do not lay the cable over carpets or heat insulations. Do not cover the cable. Keep away the cable from operating range and do not dunk it into water.
- Do not use the device in case it does not function properly, has been damaged or dropped.

- Do not use any accessory or spare parts that have not been recommended by the manufacturer. These can be dangerous for the user or lead to damages of the device or personal injury, and further, the warranty expires.
- Do not drill any holes inside and outside the device and do not fix any other objects.
- Do not place heavy objects on the device.
- Do not move and tilt the device during operation.



***WARNING! Hazard via electrical current!***

***The device can cause injuries due to improper installation!***

***Before installation the local power grid specification should be compared with that of the device (see type label).***

***Connect the device only in case of compliance!***

***Take note of the security advice!***

## 5.2 Installation and connection

### Setting up

- Unpack the device and remove all packaging material. Remove the protective film from the device.
- Place the device on a flat, safe surface which can withstand the weight of the device.
- **Never** place the device on an inflammable surface.
- To prevent compressor damage, do not tilt the device more than 45° during arrangement or transport.
- Do **not** place the device near open fireplaces, electric heaters, heating stoves or other heat sources such as direct sunlight. Heat can damage surface of the device, affect the cooling capacity and increase energy consumption.
- Set up the device so that sufficient air can circulate freely. Keep a minimum distance of 5 cm from walls and other objects. Leave enough space for the operator on the operation side.
- Never cover the ventilation openings of the device.
- Do not place the device in areas with high humidity or high temperatures, as such conditions may result in damage of the device.

## Connection

- Prior to first use, let the device stand still for at least 2 hours before you connect it to the power supply.
- After power failure or unplugging the device, wait 5 minutes before you connect it to the power supply.
- The power socket circuit must be protected with at least 16A fuse. Connect the device directly to wall outlet, power strips or multiple sockets shall not be used.
- Place the device so that the plug is accessible. Thus, the unit can be quickly disconnected from the mains when needed.

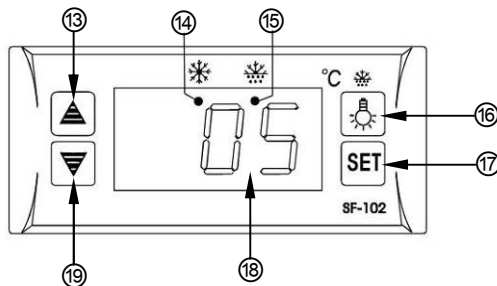
## 5.3 Operation

### Before the first use

- Clean the device after unpacking and before the connection according to the instructions in section **6.2 "Cleaning"**.
- Clean the GN containers before use.



### Digital temperature controller

#### Setting buttons and indicator lights



- |                                      |                                      |
|--------------------------------------|--------------------------------------|
| ⑬ Temperature <b>increase</b> button | ⑰ <b>SET</b> -control/save button    |
| ⑭ LED cooling indicator              | ⑱ Digital display                    |
| ⑮ LED defrost indicator              | ⑲ Temperature <b>decrease</b> button |
| ⑯ Button with LED lighting           |                                      |





## LED indicator lights

	<b>LED cooling indicator</b> This indicator <b>lights up</b> when the compressor is turned on, <b>goes out</b> when the set inner temperature is reached, and <b>flashes</b> during the delay.
	<b>LED defrost indicator</b> This indicator <b>lights up</b> during the defrost cycle, <b>goes out</b> when defrost cycle is complete and <b>flashes</b> during prolonged defrosting.

## Switching on the device

- Connect the device to a single grounded electrical socket.
- Turn on the device by moving the **ON/OFF** toggle switch on the operation panel to "I" position. The red power control lamp on the right of the **ON/OFF** toggle switch lights up. The digital display shows the preset temperature and the LED cooling indicator lights up.

## Setting of the desired temperature (target value)

- The adjustable temperature range of the device is between 2 °C and 12 °C.
- To control or change the target value:
  - press briefly the taste , the set value starts to flash soon;
  - increase or decrease the value by means of a button  or , if necessary;
  - confirm the set temperature with the button .
- Allow the device to reach the set temperature before you put foods in GN containers or dishes.
- Open the sliding glass doors at the operation side and put GN containers with food on the bottom shelf or the prepared small portions on plates or trays on the intermediate shelf.





### **ATTENTION!**

***Do not put food directly on the bottom shelf or intermediate shelf, use appropriate containers or dishes!***




## Lighting on/off

- Turn on the LED lighting in the interior of the device by pressing the button  briefly, if needed.
- Press briefly the button  again to turn off the lighting.


## Defrosting

### *Automatic defrost*

The device defrosts automatically 4 times within 24 hours. The time switch turns on at the moment of start-up.

If you want to realize the automatic defrost cycles at other times, press the button  for more than 6 seconds. The device will initiate an automatic defrost cycle immediately and the next defrost will take place after 6 hours.

### *Manual defrost*

Besides the automatic defrost function, a manual defrost can be activated: hold the button  for more than 6 seconds. The manual defrost will start.

## User instructions

- To reduce the losses in cooling process, the opening times of glass sliding doors should be kept as short as possible. Also, these should not be opened too often.
- Do not cover the ventilation openings of the counter. The air must be able to circulate freely in order to ensure the adequate cooling efficiency.
- There must be a sufficient distance between the stored food portions. Too little distance will affect the cooling effect.
- Allow hot foods to cool down to room temperature before storage.
- In case of sudden power failure, the sliding glass doors should not be opened to avoid the loss of cooled air.
- After power failure or unplugging the device, connect it to power supply for at least 5 min.

## Switching off the device

- If the device is not in use anymore, turn it off by ON-/OFF toggle switch moving it into position "0". Disconnect the device from the power supply (Pull the plug!).

## 6. Cleaning and maintenance

### 6.1 Safety advice

- Before beginning with repair or cleaning works make sure the device has been disconnected from power socket (pull the power plug!!!) and has cooled down.
- Do not use any acid agents and make sure no water ingresses the device.
- To protect yourself from electric shock, **never** immerse the device, its cables and the plug in water or other liquids.



#### **CAUTION!**

*The device is not suited for direct washing via water jets.*

*Therefore, you must not use any kind of pressure water jet for cleaning the device!*

### 6.2 Cleaning

- Clean the device thoroughly at the end of the working day.
- Remove all food products from the counter and store them in the refrigerator to prevent spoiling.
- For easy cleaning of the device, the sliding glass doors can be removed by lifting them up slightly and pulling out.
- Remove the intermediate shelf from the counter. Clean the glass sliding doors and the intermediate shelf with warm water and mild detergent.
- Clean the intermediate shelf regularly from inside with a disinfectant cleaner suitable for the food industry and a soft cloth.
- Rinse all cleaned surfaces and removable parts with clean water and dry them thoroughly afterwards. Put the additional shelf in the counter and then install the sliding glass doors again.
- Rinse the lateral and front exterior surfaces of the device with a soft cloth dampened with warm water and mild detergent.
- Clean carefully the used GN containers.
- Never use abrasive cleaners, such as scouring powder, alcohol-based agents, thinners, which can damage the surface of the device.

#### **If the device is not used for an extended period:**

- turn off the power by means of **ON/OFF** toggle switch, moving it to "0" position and unplug the power plug from the socket;
- remove all food from the counter;
- clean the device inside and out, as described above;
- clean the device with clear water and dry it thoroughly;
- you can open the sliding glass doors so that the device dries out completely.

### 6.3 Safety instructions for maintenance

- Inspect the power cable regularly for damage. Never use the device if the cable is damaged. If the power cable is damaged, have an authorised service center or qualified electrician replace it.
- In case of damage or malfunction, please contact your stockist or our customer service centre. Pay attention to the troubleshooting tips in pt. 7.
- Only a qualified technician and using original spare parts and accessories should carry out repairs and maintenance of the device. **Do not attempt to repair the device yourself.**

### 7. Possible Malfunctions

Problem	Cause	Remedy
<b>No cooling</b>	<ul style="list-style-type: none"><li>• Mains plug not plugged in correctly.</li><li>• Current circuit breaker has tripped.</li><li>• Power failure.</li><li>• Digital temperature controller defective.</li></ul>	<ul style="list-style-type: none"><li>• Disconnect mains plug and insert it properly.</li><li>• Check the circuit breaker and operation of the device at different socket.</li><li>• Check the power supply.</li><li>• Contact a dealer.</li></ul>
<b>Unsatisfactory cooling efficiency</b>	<ul style="list-style-type: none"><li>• Heat sources too close or exposure to direct sunlight.</li><li>• Poor air circulation around the device.</li><li>• Temperature setting incorrect.</li><li>• Device overfilled.</li></ul>	<ul style="list-style-type: none"><li>• Provide sufficient distance between the device and heat sources.</li><li>• Provide sufficient distance from the walls or other objects.</li><li>• Check settings, set lower temperature.</li><li>• Avoid overfilling of the device, remove excess food from the device.</li></ul>

**The aforementioned problems are only examples. If these or other problems appear, turn the device off immediately and stop using it. Ask for help from qualified specialist personnel in examining and repairing the device.**



## 8. Waste disposal

### Discarding old devices

At the end of its service life the discarded device has to be disposed in accordance with the national regulations. It is advisable to contact a company which is specialized in waste disposal, or just contact the local disposal service in your community.



#### **WARNING!**

***To exclude any abuse and the dangers involved make the waste device unfit for use before disposal. For that purpose disconnect device from mains supply and remove mains connection cable from the device.***



#### **NOTE!**



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

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