



NT 501	2002018
NT 502	2002028
NT 621	2002088
NT 622	2002095
NT 622VS	2002094
NT 901	2002101
NT 921	2002121

ENGLISH

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Read this instruction manual before using and keep them available at all times!

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.

Please keep these instructions and give them to future owners of the device.

1. Safety

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

All persons using the device must follow the recommendations and instructions in this instruction manual.

1.1 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.



WARNING!

This symbol highlights dangerous situations which could lead to injury or death.



HOT SURFACE!

This symbol is a warning that the device surface is hot when in use. Ignoring this warning may result in burns!



CAUTION!

This symbol highlights dangerous situations which could lead to light injuries, or damage, malfunction, and/or destruction of the device.



NOTE!

This symbol highlights recommendations and information aimed for effective and trouble-free device operation.

1.2 Important safety instructions

- The device is not intended for use by individuals (including children) with physical or mental disabilities, insufficient experience, and/or insufficient knowledge unless such persons are under the care of a person responsible for their safety or have received instructions regarding appropriate use of the device.
- Children should be observed to ensure that they are not playing with the device.
- **Do not** move or tilt the device when in operation.
- Only use the device indoors.
- This device may only be operated in technically proper and safe condition.
- Prevent access of children to the package materials like plastic bags and foamed polystyrene elements. **Suffocation hazard!**
- 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.**

- 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.
- 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.



DANGER! Electric shock hazard!

To avoid the hazard results please follow the safety instructions below.

- 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 power cable over carpets or other inflammable materials. Do not cover the cable. Keep away the cable from operating range and do not immerse it into water.
- Check the power cord regularly for damage. Do not use the appliance if the power cord is damaged. If this cable is damaged, it must be replaced by customer service or a qualified electrician in order to avoid dangers.
- The supply cable must be disconnected from the socket only by pulling the plug.
- Never carry or lift the device by the supply cable.

- In any case do not open the device housing. In case of electrical or mechanical modifications the **electric shock hazard** will occur.
- Do not use any acid agents and make sure no water ingresses the device.
- **Never** operate the device with moist hands or standing on wet floor.
- Disconnect the device from the electric power supply:
 - when the device is not used,
 - in case of anomalies during operation,
 - before cleaning.



HOT SURFACE! Burn hazard!

To avoid the hazard results please follow the safety instructions below.

- Temperature of external parts of the pizza oven may exceed 60 °C. To avoid burns, do not touch the areas or parts which are marked with the above mentioned symbol with bare fingers or hands.
- When taking the pizza out of the oven use the heat-resistant gloves protecting hands and wrists. Furthermore, use kitchen utensils with long handles. During the operation of the device you can touch only door handles, switches or regulators.



WARNING! Fire or explosion hazard!

To avoid the hazard results please follow the safety instructions below.

- Do not place any flammable objects or food products containing alcohol in the pizza oven: this may lead to self-ignition and fire, resulting in an explosion.

- **Never** use the device near flammable materials, such as alcohol, spirits, or petrol. High temperature may cause their evaporation and due to contact with the ignition sources the deflagration may occur, and in result the injuries and damages.
- In case of fire before the fire extinguishing activities remove the plug from the socket or disconnect the device from the power supply. **Caution:** Do not spray the device with water when it is still connected to the power supply: **Electric shock hazard!**

1.3 Proper use



CAUTION!

This device has been designed and built for commercial use and can be operated in kitchens by the qualified personnel only!

The operational safety of the device is assured only in case of proper use, according to the operation manual.

All technical activities like installation and maintenance must be performed by the qualified service personnel only.

The pizza oven is designed only for baking pizza and similar products.



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.

2. General information

2.1 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.



CAUTION!

Read this manual carefully and thoroughly before any operation of the device, and especially before turning it on!

Manufacturer **is not liable** for any damages or faults caused by:

- violation of advice concerning operation and cleaning;
- use other than designed;
- alterations made by user;
- use of inadequate spare parts.

We reserve the right to make technical changes for purposes of developing and improving the useful properties.

2.2 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.

2.3 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.

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.



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

Pizza oven series NT

- material: enamelled steel
- thermostatic analogue control of adjustable temperature from 85 °C to 450 °C
- independent upper and lower temperature control
- internal isolation with rock wool
- internal lighting
- fire proof chamotte plate

Name	Pizza Oven	
Code-no.:	2002018	2002028
Model:	NT 501	NT 502
Temperature:	from 85 °C to 450 °C	
Power:	4 kW / 400 V 50/60 Hz 2 NAC	6 kW / 400 V 50/60 Hz 3 NAC
Device dimensions:	W 800 x D 750 x H 360 mm	W 800 x D 750 x H 510 mm
Baking chamber dimensions:	W 505 x D 530 x H 110 mm	each W 505 x D 530 x H 110 mm
Load:	4 pizzas Ø 25 cm	2 x 4 pizzas Ø 25 cm
Weight:	44.6 kg	63.0 kg

Name	Pizza Oven	
Code-no.:	2002088	2002095
Model:	NT 621	NT 622
Temperature:	from 85 °C to 450 °C	
Power:	5 kW / 400 V 50/60 Hz 2 NAC	10 kW / 400 V 50/60 Hz 3 NAC
Device dimensions:	W 885 x D 790 x H 400 mm	W 885 x D 790 x H 710 mm
Baking chamber dimensions:	W 605 x D 630 x H 140 mm	each W 605 x D 630 x H 140 mm
Load:	4 pizzas Ø 30 cm	2 x 4 pizzas Ø 30 cm
Weight:	59.6 kg	102.8 kg

Name	Pizza Oven
Code-no.:	2002094
Model:	NT 622VS**
Temperature:	from 85 °C to 450 °C
Power:	10 kW / 400 V 50/60 Hz 3 NAC
Device dimensions:	W 930 x D 835 x H 730 mm
Baking chamber dimensions:	each W 620 x D 620 x H 140 mm
Load:	2 x 4 pizzas Ø 30 cm
Weight:	151.6 kg

****the entire baking chamber of this device is made of chamotte**

Name	Pizza Oven	
Code-no.:	2002101	2002121
Model:	NT 901, 1BK 910x610	NT 921, 2BK 910x610
Temperature:	from 85 °C to 450 °C	
Power:	6 kW / 400 V 50/60 Hz 3 NAC	12 kW / 400 V 50/60 Hz 3 NAC
Device dimensions:	W 1190 x D 780 x H 395 mm	W 1190 x D 780 x H 710 mm
Baking chamber dimensions:	W 910 x D 610 x H 140 mm	each W 910 x D 610 x H 140 mm
Load:	6 pizza Ø 30 cm	2 x 6 pizzas Ø 30 cm
Weight:	80.3 kg	141.8 kg

We reserve the right to make technical changes!

4.2 Overview of parts



- 1 Housing
- 2 Internal lighting
- 3 Ventilation ducts
- 4 Control panel
- 5 Glass pane door
- 6 Door handle
- 7 Chamotte plate
- 8 Baking chamber

Additional accessories (not included in the delivery)



Base Unit NT501N

designed for:

NT 501 / 2002018

NT 502 / 2002028

chrome-nickel steel

W 760 x D 610 x H 900 mm

weight: 14.6 kg

Code-no. 200316



Base Unit NT601N

designed for:

NT 621 / 2002088

NT 622 / 2002095

NT 622VS / 2002094

chrome-nickel steel

W 840 x D 670 x H 900 mm

weight: 13.7 kg

Code-no. 200317



Base Unit NT901N

designed for:

NT 901 / 2002101

NT 921 / 2002121

chrome-nickel steel

W 1150 x D 665 x H 900 mm

weight: 19.5 kg

Code-no. 200318

5. Installation and operation

5.1 Instructions for the installer



CAUTION!

The installation and maintenance work related to the device may be performed only by the qualified and authorized technician, in accordance with international, national and location regulations.

5.1.1 Installation instructions

- Before the installation and the use of the device, read carefully these operating instructions.
- Any operation related to installation, assembly, operation and maintenance must be performed by the specialized personnel who **has appropriate qualifications (manufacturer' or seller's authorisation). The required activities need to be performed while taking into account the installation regulations valid in a given country as well as the product safety legislation and health and safety regulations.**
- Defective installation, mistakes during the operation, conservation and cleaning, as well as possible changes and modifications may cause improper operation, damages and injuries.
- Manufacturer will not assume any liability for personal injuries or material damages resulting from the failure to observe the aforementioned regulations or tampering with single components of the device or using non-original spare parts.
- Make sure that there are no obstacles on the path to the installation site limiting access through doors, corridors or other communication routes.
- **NOTE:** During the transport of the device, it may turn over, which might result in the damage to the device itself or other objects or in personal injuries. During the device's transport, use the measures appropriate for its weight. The device should not be pulled or tipped, but lifted perpendicularly to the floor and moved horizontally.

5.1.2 Setting up

- Unpack the device and remove the packaging. Remove the protective foil from the device before its first use. Make sure that it has been completely removed. Remove transportation safeguards from the baking chamber.



CAUTION!

Never remove the rating plate or warning labels from the device.

- The device must be installed in a closed and well-ventilated room (indoors).
- Before placing the device, check the dimensions and the exact position of electrical connections.
- To remove steam and odours place the pizza oven under a kitchen hood. Always make sure that the steam and odours are channelled outside.
- To avoid skidding or overturning of the oven, place the pizza oven on an even surface.
- Place the device on a stable, dry and water-proof and heat-resistant surface. The pizza oven may be also installed on an appropriate base unit (see item „**Additional Accessories**“, page 34).
- The place of installation must be easily accessible and sufficiently big to enable easy operation of the device and ensure proper air circulation.
- Never block or cover ventilation ducts of the device.
- The surface under the oven must support the weight of the oven with full load.
- **Never** place the device in a humid or wet environment.
- **Never** place the oven directly next to the walls, furniture, partitions made of flammable material or near the tanks with flammable materials (e.g. gas bottles). Leave the distance of at least 20 cm. If it is not possible, flammable elements should be isolated with inflammable thermal insulation, while observing fire protection regulations.
- **The device is not designed for built-in installation or putting in a series with other devices.**
- Leave the appropriate space for easily accessible power supply.
- Do not place any objects on the device.

5.1.3 Electrical connection



DANGER! Risk of electrical shock!

**The device may cause injuries if installed improperly!
Before installation the local power grid specification should be compared with that of the device (see rating plate).
Connect the device only in case of full compliance!**

- Before connecting the device to the power supply, make sure that the values of voltage and frequency shown on the rating plate are consistent with the data of the existing electrical installation.
Voltage tolerance shall not exceed $\pm 10\%$.
- If the device is placed on the base with wheels that make it easy to move the device, it is recommended to connect it to the power supply first and then install the pizza oven at the site of operation.
- When moving the device, make sure that the power cord is not damaged.
- The power cord should be placed in such a way as to ensure that in no place it is exposed to the temperature exceeding 50 °C.
- Electrical circuit must have at least 25A protection.
- Recommended socket: CEE32A/400 V

Equipotential bonding connection

- Equipotential bonding conductor between different devices shall be connected to the terminal marked with . The terminal is located at the rear side of the device.
- This terminal allows for connecting the equipotential bonding conductor (yellow-green colour) with a cross section from 4 to 10 mm².
- The device must be connected to the equipotential bonding circuit the effectiveness of which complies with the instructions included in the valid regulations.

5.2 User instructions



CAUTION!

Read carefully these operating instructions, because they include important instructions regarding safety and operation of the pizza oven.

The device is intended for professional use and may be operated by the trained kitchen personnel only.

5.2.1 Safety instructions

- Open and close the pizza oven using door handles. During the operation avoid touching any metal parts of the device: **Risk of burns!**
Any control elements and door handles are protected against radiating heat.
- Use extra care when opening the pizza oven's door. There is a risk of burn by escaping hot steam.
- **Never** block or cover ventilation ducts, never cover the pizza oven partially or fully. Do not place any objects on the device.
- In case of damaging or breaking glass elements of the door, replace it immediately (contact the technical support).
- In the event of the device's downtime (e.g. 12 hours), leave the glass door of the pizza oven slightly ajar.

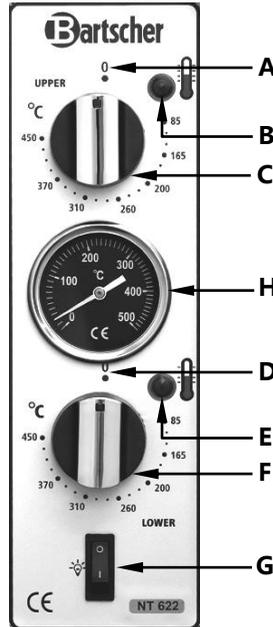
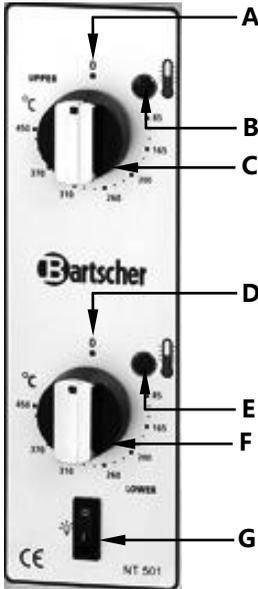
5.2.2 First use

- Make sure that there are no objects in the baking chamber (packaging foil, polystyrene remains, operating instructions, etc.).
- Before the first use, check the correctness of the installation, stability and levelling of the device, as well as the quality of electrical connection.
- Before the operation, preheat the empty pizza oven for ca. 2 hours at the temperature set for 450 °C. For this purpose follow the instructions included in item **5.2.4 „Temperature regulation“**.
- The device may produce unpleasant smell caused by the post-production residues such as grease, oil or resin.
- Next, leave the device to cool down and clean it according to the instructions included in item **6 „Cleaning“**.
- The device is ready to work.

5.2.3 Control panel

2002018

2002088 / 2002095 / 2002094 /
2002101 / 2002121



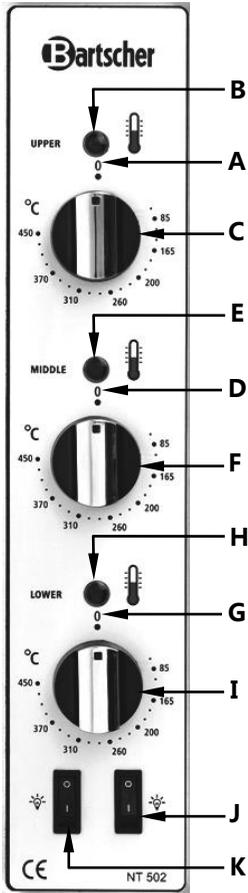
- A „0“ position indicator
- B Upper heating element control light
- C Temperature regulator, upper heating element
- D „0“ position indicator
- E Lower heating element control light
- F Temperature regulator, lower heating element
- G Internal lighting switch

- A „0“ position indicator
- B Upper heating element control light
- C Temperature regulator, upper heating element
- D „0“ position indicator
- E Lower heating element control light
- F Temperature regulator, lower heating element
- G Internal lighting switch
- H Temperature indicator

NOTE!

Each baking chamber of the pizza oven series **NT (except for 2002028)** is equipped with two heating elements: One heating element is under the chamotte plate, and the other one – in the upper part of the pizza oven. Each heating element is controlled via separate temperature regulator.

2002028



- A „0“ position indicator
- B Upper heating element control light
- C Temperature regulator, upper heating element
- D „0“ position indicator
- E Middle heating element control light
- F Temperature regulator, middle heating element
- G „0“ position indicator
- H Lower heating element control light
- I Temperature regulator, lower heating element
- J Internal lighting switch – upper baking chamber
- K Internal lighting switch – lower baking chamber

NOTE!

Pizza oven **2002028** has only one baking chamber, Which is divided into two separate parts by the chamotte plate put in the middle.

This pizza oven has 3 heating elements and 3 temperature regulators:

upper temperature regulator controls the upper heating element of the upper chamber,

lower temperature regulator controls the lower heating element of the lower chamber,

and the **medium** temperature regulator controls the lower heating element of the upper chamber and the upper heating element of the lower chamber, because the heating element is located directly under the chamotte plate in the middle of the baking chamber.

5.2.4 Temperature regulation



NOTE!

Before baking the pizza, the oven should be pre-heated to the desired temperature!

- Connect the device to the power supply.
- Set the desired temperature for the selected upper/lower heating element using the appropriate temperature regulators. The temperature of the pizza oven can be adjusted within the range from 85 °C to 450 °C. When baking pizza it is recommended to set the temperature in the range from 300 °C to 400 °C.
- Upper and lower heating element control lights come on during pre-heating of the device.
- Value of the temperature inside the baking chamber may be read on the temperature indicator of the device (except for pizza ovens, **code-no. 2002018** and **2002028**).
- When the set temperature has been reached, the control light will go off. When the temperature in the baking chamber decreases, the control light will come on again and the heater will start heating the baking chamber up to the set temperature.

5.2.5 Baking pizza

- After pre-heating the backing chamber, open the oven door using door handles.
- Place the prepared pizzas on the chamotte plate and close the door.
- Do not leave the pizza oven unattended during its operation. Observe the baking process through the window in the oven door,
- When the baking is finished, remove the pizzas from the oven.



WARNING! Danger of burns!

To avoid burns when removing pizza from the oven, use the heat-resistant gloves protecting hands and wrists. Furthermore, use kitchen utensils with long handles (e.g. pizza shovel).

6. Cleaning



WARNING!

Disconnect the device from the power supply before cleaning. Let the device cool down.

Never clean the device with use of water jet!

Be careful and do not let the water into the device.

- Regularly clean the device while taking special care in case of elements which come into contact with food products.
- Before cleaning, leave the device to cool down.
- Carefully remove any remains from the chamotte plate following every baking, using metal shovel or scraper, without any cleaning agents or water.



CAUTION!

To avoid damaging the chamotte plate do not clean or cool it with water.

- In order to thoroughly clean the device at the end of the day, heat the pizza oven for 30 minutes at the highest temperature (only lower heating element should be switched on). Then switch the device off and on the next day brush the surface of the chamotte plate with cold waters.
- Clean a cold baking chamber (**except for** pizza oven **code-no. 2002094**, in which the entire chamber is made of chamotte) with a soft, moist cloth. If necessary use a mild cleaning agent, and then wipe it with a cloth soaked with clean water to remove the remains of the cleaning agent.
- Clean the entire baking chamber of the pizza oven **code-no.2002094** after the device has cooled down, by removing remains from the chamotte plate and chamotte internal walls using a metal spatula or scraper, without using any cleaning agents or water.
- Clean the device housing with a soft, moist cloth and a mild cleaning agent. **Never** use abrasive or acid or coarse cleaning agents as they may damage the device surface.
- Clean the ventilation ducts in the housing regularly. If there is dirt or dust on the ventilation ducts, clean them using a brush or vacuum cleaner to ensure proper air circulation inside the chamber and optimal baking uniformity.

7. Possible Malfunctions

In case of any malfunction, disconnect the device from the power supply.
Based on the table below, check whether it is possible to remove defects without notifying a customer service point or contacting the sales agent.

PROBLEM	CAUSE	SOLUTION
The device is switched on. The control light is not lit and the device is not heating up.	<ul style="list-style-type: none">• No power supply.• Damaged temperature regulator.	<ul style="list-style-type: none">• Check the power supply and the connection cable.• Contact the sales agent.
Temperature is set, the control light is lit, but the device is not heating up.	<ul style="list-style-type: none">• Damaged heating element.	<ul style="list-style-type: none">• Contact the sales agent.
Temperature is set, it is increasing, but there is no possibility to adjust it.	<ul style="list-style-type: none">• Damaged temperature regulator.	<ul style="list-style-type: none">• Contact the sales agent.
Temperature is set, the device is heating up, but the control light is not lit.	<ul style="list-style-type: none">• Damaged control light.	<ul style="list-style-type: none">• Contact the sales agent.

If you cannot remove the malfunctions:

- do not open the body,
- notify the customer service point or contact the sales agent, while providing the following information:
 - type of malfunction;
 - code number and serial number (see identification plate on device underside);
 - date of purchase.

8. Waste disposal

Old devices



The electric devices are marked with this symbol. You must not dispose of electric devices with household waste. When the device may not be longer used each consumer is obliged to dispose of the device at the dedicated local collection point, separately from household waste.



NOTE!

Electric devices should be used and disposed of properly to prevent the impact on the environment.

- Disconnect the device from the power supply and remove the power cord from the device.