



Counter Fridges

User Manual

GN1100TN / GN1100TNG

GN2100TN / GN2100TNG

GN3100TN / GN3100TNG

GN4100TN / GN4100TNG

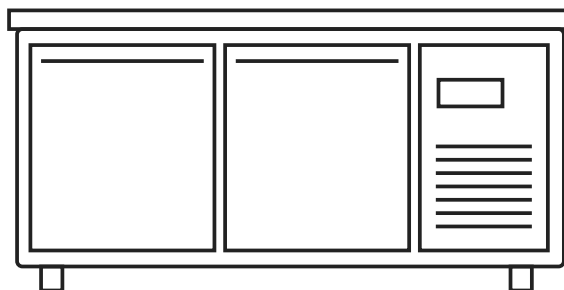


Illustration only - configuration varies by model

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Warnings and Safety

Flammable refrigerant



This unit contains flammable refrigerant. Check the rating plate for the refrigerant type and charge fitted to your unit. Do not damage the refrigerant circuit. Keep all ventilation openings clear.

Electrical safety

- Use a suitable earthed power outlet that matches the appliance rating plate. Keep the plug and isolation point accessible.
- Switch off and disconnect the power supply before cleaning or maintenance.
- If the cord or plug is damaged, stop using the appliance and contact Borrelli. Replacement must be carried out by Borrelli, its service agent or a qualified technician.
- Do not use electrical appliances inside the food storage compartment.

Safe handling and use

- Use indoors on a flat, stable surface. Do not use this appliance to store medical supplies.
- Transport, store and handle the unit upright. Move it by supporting the base; do not pull on the doors.
- Do not stand on or support yourself on the base or doors.
- Wipe away oil or fat immediately if it touches plastic parts or door seals.
- Keep bottles containing high-alcohol liquids sealed and upright.
- Keep packaging away from children.

Servicing and defrosting

- Installation, repairs and maintenance must be carried out by a qualified technician. Do not remove service panels or internal components.
- Do not attempt to speed up the defrost process using any unauthorized means. Do not use tools, heaters or other devices to remove ice. Allow defrosting to complete naturally.
- Light repair or replacement must be carried out by a qualified technician with power disconnected, using an identical replacement.

Installation

Before switching on

- !** If the unit has not been stored or moved upright, leave it standing upright for 24 hours before operating. If unsure, allow it to stand.

Unpack and inspect

- Check for transport damage. If damage is found, contact Borrelli within 48 hours, as stated in Borrelli's terms and conditions.
- Remove packaging, protective films and coatings from all surfaces.
- Clean the shelves and interior with soapy water, then wipe dry before first use.

Position and ventilation

- Allow 200 mm (20 cm) between the unit and walls or other objects for ventilation.
- Increase separation from heat sources.
- Set the brakes on castors where fitted, or level the appliance using the adjustable screw feet. A level unit is important for correct condensate drainage.

Keep condenser airflow clear

- !** Keep the condenser air inlet and outlet unobstructed at all times.

Fit the shelves

1. Fit a matching pair of shelf guides on either side of the cabinet at the same height.
2. Slide the shelf into position and check that it is securely supported.
3. Repeat for the remaining shelves. Supplied shelf quantities and accessories may vary.

Cleaning and Maintenance

Disconnect first



Switch off and unplug the appliance before cleaning. Do not use jet or pressure washers. Do not allow cleaning water to run through the drain hole into the evaporation pan.

Routine cleaning

1. Clean the cabinet interior regularly using a soft cloth and mild soapy water. Do not use abrasive cleaners, which can damage surfaces and leave harmful residues.
2. Clean door seals with water only. Remove oil and grease promptly.
3. Wipe all cleaned surfaces dry. Take care around the rear of the appliance, where sharp edges may be present.
4. Check that shelves are secure, doors close correctly and air passages are clear before restarting. Allow the unit to return to operating temperature before reloading.

Condenser cleaning

Mandatory condenser cleaning - every few months



The condenser **MUST** be cleaned by a qualified technician every few months, and more frequently in dusty conditions. This maintenance is not optional. Keeping the condenser clean is essential for cooling performance and appliance life.

Drainage and water

Keep the cabinet floor and accessible drainage area clear of food and debris. If water persists, check that the appliance is level and contact Borrelli. Do not remove service panels to reach a drain or evaporation tray.

Maintenance record

Record cleaning and service dates, work completed and the technician or staff member responsible. Keep service records with your proof of purchase.

How to Use

Start the fridge

Close the doors. With the appliance switch at O (off), connect to a suitable outlet and switch the outlet on. Set the appliance switch to I (on). Allow the cabinet to reach its operating temperature before loading food.

Set the desired temperature

1. Press SET for one second. The current set point flashes after a few moments.
2. Use the UP or DOWN button to adjust the value.
3. Press SET to confirm the new value.

The appliance operating range is 2 to 8 degrees C. Use the temperature approved for your stock. Do not change service parameters or reset the controller.

Controller on / off

Hold UP (power symbol) for more than three seconds to toggle controller operation. When off, OFF alternates with the probe temperature and cooling and defrost control are disabled. This does not isolate electrical power: switch off and unplug before cleaning or servicing.

Display and indicators

During normal operation the display shows the cabinet probe temperature. Lit compressor, fan and defrost indicators show the active functions; blinking indicates a pending request.

Manual defrost

Hold DOWN (defrost symbol) for more than three seconds. Defrost starts only when the required temperature conditions are met.

Automatic defrost timing is configured for the appliance. Contact Borrelli for assistance with the installed defrost settings. Do not change service parameters.

The display is held during defrost and returns when the temperature reaches the set point. Do not attempt to speed up the defrost process using any unauthorized means. Do not chip ice away or use tools, heaters or other devices. Allow defrosting to complete naturally.

Tips and Tricks

Load for good airflow

- Load food only after the cabinet has reached its operating temperature.
- Wrap or cover food wherever possible. Do not place uncovered hot food or liquid inside the cabinet.
- Keep the internal fan and air passages clear. Do not overload the cabinet or pack stock tightly together, as this can prevent air from being distributed evenly.
- Keep door openings brief and check that the seals make full contact when closed.

Protect cooling performance

- Keep external ventilation clear and maintain the installation clearance.
- The condenser **MUST** be cleaned every few months by a qualified technician, and more frequently if dust builds up. This maintenance is not optional.

Moving the appliance

Switch off and disconnect before moving. Keep the unit upright and support it at the base. Follow the standing-time guidance in Installation if it has been tilted or its transport history is unknown.



When moving the appliance

Protect the power cord and level the appliance again in its new position.

Models and Specifications

Dimensions are W x D x H in millimetres. TN models have solid stainless steel doors; TNG models have glass doors.

Models	Capacity, dimensions and storage
GN1100TN / GN1100TNG	115 L; 930 x 700 x 850 external; 360 x 560 x 570 internal. One door and one shelf.
GN2100TN / GN2100TNG	260 L; 1360 x 700 x 850 external; 800 x 580 x 550 internal. Two doors and two shelves.
GN3100TN / GN3100TNG	403 L; 1800 x 700 x 850 external; 1240 x 580 x 550 internal. Three doors and three shelves.
GN4100TN / GN4100TNG	545 L; 2230 x 700 x 850 external; 1680 x 580 x 550 internal. Four doors and four shelves.

Shared operating specifications

Item	Specification
Temperature range	2 to 8 degrees C
Ambient temperature	Up to 32 degrees C
Cooling / defrost	Fan forced / automatic
Controller	CAREL PJEZ
Warranty	2 year onsite parts and labour, subject to applicable terms

Specifications - continued

Electrical and shelf details

Models	Electrical specification
GN1100TN / GN1100TNG	220-240 V / 50 Hz; 150 W; 10 A plug
GN2100TN / GN2100TNG	220-240 V / 50 Hz; 200 W
GN3100TN / GN3100TNG	220-240 V / 50 Hz; 200 W
GN4100TN	220-240 V / 50 Hz; 200 W
GN4100TNG	240 V / 50 Hz; 300 W

Always check the appliance rating plate before connecting power.

Before Requesting Service

If a problem continues after these checks, contact Borrelli. Electrical, refrigerant-system and internal repairs are for qualified technicians.

Problem	What to check or do
The unit does not operate	Check that the plug is connected, the outlet has power and the appliance switch is on. If the cord or plug is damaged, stop using the unit and arrange service.
Temperature is too high or too low	Check doors and seals, stock loading and internal airflow. Check for nearby heat sources or restricted external ventilation. Arrange condenser cleaning if dusty.
Excessive ice build-up	Use only the defrost procedure confirmed for the fitted controller. If ice returns or cooling does not recover, contact Borrelli.
Water is leaking	Check that the unit is level and that accessible cabinet drainage areas are not blocked. Persistent leaks, damaged containers or inaccessible trays need service.
Unusual noise	Check that the appliance stands level and stable. If noise continues or loose components are suspected, arrange service; do not remove service panels.

Controller Alarms

Code	Meaning and action
E0 / E1	Control probe / defrost probe error. Arrange qualified service. E1 availability depends on the controller variant.
dr	Door-open alarm, where supported. Close the door and check the seal; contact support if it persists.
Lo / HI	Low / high temperature alarm. Check doors, airflow and stock loading. Protect stock and contact support if the temperature remains unsuitable.
EE / EF	Unit parameter / operating parameter error. Contact service; do not attempt a factory reset.

Before calling

Have your model, serial number, proof of purchase, displayed temperature and a description of the problem ready. Note when the problem began and any recent cleaning, movement or power interruption.

Warranty and Enquiries

Borrelli support

Phone: 03 9783 6325

Email: support@borrelli.com.au

Website: borrelli.com.au/warranty-support/

Warranty enquiries

Keep your proof of purchase and service records. Contact Borrelli for the warranty period and terms that apply to your particular model, and for assistance arranging service.

End-of-life disposal

Arrange disposal through an appropriate refrigeration-equipment recycler or waste service. Refrigerant and other components require suitable handling. Do not place the appliance in household waste or damage its refrigerant circuit. Dispose of packaging responsibly and keep it away from children.