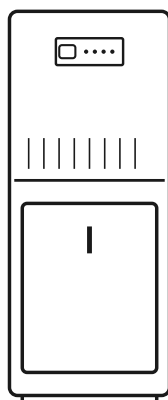




High-Capacity Ice Machine

User Manual
IM-180P · IM-300P



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Warnings and Safety

These precautions ensure safe, correct use of the ice machine and minimise the risk of injury or damage.

- Keep all vents clear while the machine is operating.
- Install the unit on a flat, sturdy surface able to support its weight. Indoor use only, away from sunlight and heat.
- Use a dedicated wall outlet; we do not recommend using an extension cord.
- Use only water to make ice – never any other liquid.
- Ensure the supply water pressure is between 100 kPa and 400 kPa (14.5–58 psi).
- The drain pipe must be connected before use, running to a container or drain.
- Do not damage, modify or bend the power cord; if damaged, a qualified technician must replace it.
- Do not immerse the unit in water or use steam/jet washers to clean it.
- Never place heavy objects or items containing liquid on top of the unit.
- Disconnect from power before cleaning, maintenance or replacing parts; all repairs must be done by a qualified technician.
- Dispose of the unit only at an authorised waste centre; do not expose it to a flame.



This product contains R290 flammable gas. Misuse of the unit could result in fire or serious injury.



Empty and clean the storage bin once a week and throw away old ice.

In Queensland, technicians working on units with hydrocarbon refrigerants must hold a Gas Work Authorisation or Licence.

Installation

Before Use

- Remove the shipping packaging and protective film from the unit.
- Check that no parts are missing – if any are, contact Borrelli.
- Clean the unit with lukewarm water or run the Self-Clean function before first use.
- Allow 15 cm of space between the back and sides of the unit and the wall.

Conditions

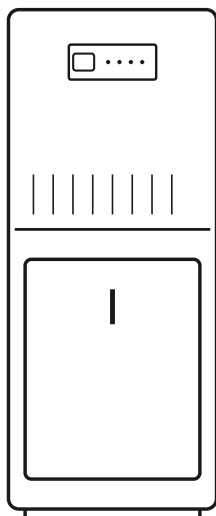
- Keep the unit out of direct sunlight and away from heat sources.
- Store it where it is not exposed to rain or weather, in a temperature-controlled environment.
- Install on a flat, stable surface strong enough to support the loaded unit.

Connecting Your Ice Machine

- Insert the labelled water-supply pipe (with its filter) into the corresponding inlet.
- Insert the drainage pipe into the machine and run it to the drainage point.
- Seal both ends of the water-supply pipe with Teflon tape; if unsure, use a licensed plumber.



The outlet of the drainage pipe must sit lower than the machine, as it is gravity-fed.



Main Parts

- Rear: water-inlet plug, back-intake plug and drain-outlet plug.
- Cabinet: top, side and front face plates, the bin door, and adjustable feet.

Display Panel

The unit is operated from the front control panel. The screen shows the ice-making time, the current stage and the status of each component.



Stage Indicators

- Freeze: the unit is making ice. The central display counts down the remaining time for the batch.
- Harvest: the batch is complete and the cubes are being released into the bin.
- Ice Full: the sensor flap is held open by ice – the storage bin is full and production pauses.
- Clean: the cleaning cycle is running; the display shows the time remaining.

Component Status Lights

The row of lights across the top shows which components are currently running:

- Compr: compressor. Hot: hot-gas valve (used during harvest). Pump: water circulation pump.
- Wat: water inlet valve. Fan: condenser fan. Drain: drain valve.

Screen Readouts

- Temp: the current temperature reading. Time: time remaining for the current stage.
- Book: a scheduled start is set. The padlock shows the keypad is locked; the Wi-Fi symbol shows a wireless connection.
- Wattswt, Icefulswt and Presswt report the water-level, ice-full and pressure switch inputs. These are for service reference only.

Button Functions

- Power: press to turn the unit on; press again for standby (off).
- Mode: from standby it starts ice-making; while making ice it switches to draining; then to ice-ejecting; during cleaning it starts the water pump.
- Add / Reduc: during ice-making, set the time per batch – Add adds 1 minute (thicker ice), Reduc removes 1 minute (thinner ice). The set time shows on the display.
- Clean: press to start the cleaning cycle; press again to return to standby.
- Lighting: turns the interior LED light on and off.
- Book: sets a scheduled (timed) start so ice is ready when you need it.

Ice thickness depends on the batch time – a longer time makes thicker ice. If cubes come out too thick, set a shorter time with Reduc.

Inside Your Ice Maker

The working parts sit behind the front face plate. To reach them, unscrew the face plate and remove the plastic cover.

Sensor Flap

- The sensor flap tells the unit when to stop making ice.
- When it is held down (usually by ice) the unit pauses ice-making.
- If ice jams the flap open for too long the unit stops – clear the ice so the flap can move freely.

Water Tray

- The tray fills automatically from the water-supply valve. If it does not fill, check the supply tap and pipe for a blockage.
- For the Self-Clean function, the cleaning agent goes into this tray.

LED Light

- Press the Lighting button once to turn the interior LED light on, and again to turn it off.

How to Use

Please note: this is a commercial ice machine, not a household appliance.

Making Ice

1. Press Power to switch the unit on (the LEDs light up).
2. Press Mode to start ice-making; the Time display counts down each batch.
3. During ice-making, use Add or Reduc to set a thicker or thinner cube.
4. The unit pauses automatically when the storage bin is full (Ice Full).

Draining & Harvest

- Press Mode again to move from ice-making to draining, then to ice-ejecting (harvest).
- The De-Icing indicator and display show the harvest countdown.

Interior Light

Press the Lighting button to turn the interior LED light on and off.

Manual Cleaning Cycle

Press the Clean button to run the cleaning cycle (see Cleaning and Drainage). Press it again to return to standby.

Cleaning and Drainage



Always disconnect the unit from power before cleaning or maintenance.

Manual Cleaning

- For dust, wipe inside and out with a dry cloth.
- For a deeper clean use a mild detergent and a soft cloth – never strong detergents.
- Empty the storage bin and discard old ice at least once a week.

Self-Cleaning Function

1. Mix a 1:1 ratio of water and vinegar (or lemon juice) and pour it into the water tray.
2. With the unit plugged in, hold the Clean button for about 3 seconds to start the ~30-minute cycle.
3. When it finishes, remove the drain plug under the water tray, drain the water, then refit the plug.
4. Refill the tray with fresh water and repeat to rinse; dry the interior with a soft cloth.

Drain Plug & Drain Outlet

- The drain plug sits under the water tray; remove it to empty contaminated water during cleaning, then refit it.
- The drain outlet under the tray in the bin connects to the waste pipe – all melt water runs to the drainage point.

Removing the Drain Pipe

1. Pull the drain pipe gently to draw out the grey seal cap.
2. Once there is tension, push the grey cap back into the valve.
3. Remove the tube from the unit.



Do not pull the drain pipe without releasing the grey seal first – this puts pressure on the drain seal.

Tips and Pack Contents

Transportation

- Do not tilt the unit more than 45° from vertical, and always transport it upright.
- After transport, let it stand for 24 hours before switching on so the refrigerant settles.
- Protect the power cord at all times during transport.

Pack Contents

- Ice maker and ice scoop.
- Water-supply valve with attached filter, and filter brackets.
- Waste-water pipe and replacement seals for the water-supply pipe.

Each pipe is labelled for its purpose – connect the matching ends to the unit and the water supply, and direct the drain pipe to the drainage point.

Specifications

Figures are from the current product listings at borrelli.com.au.

Specification	IM-180P	IM-300P
Ice output / 24 h	180 kg	300 kg
Storage bin	80 kg	160 kg
Cube size	22 × 22 × 22 mm	22 × 22 × 22 mm
External W×D×H	560 × 820 × 1485	765 × 810 × 1600
Opening W×H	475 × 330	680 × 300
Weight	64 kg	84 kg
Power	220–240 V / 50 Hz	220–240 V / 50 Hz
Plug	10 A	15 A
Material	304 stainless steel	304 stainless steel
Install kit	Included	Included

Dimensions in mm, from borrelli.com.au. Allow 100 mm at the rear for airflow. The IM-300P requires a 15 A power outlet. Supplied with an installation kit.

Error Codes

If one of the following codes appears on the display, refer to the table below.

Code	Meaning	What it means & what to do
E2	Ice-Making Timeout	Can be caused by a gas leak. A qualified technician will need to repair the unit.
E3	De-Icing Time (ice too thick)	The unit is making ice too thick. Turn off the machine and allow the ice cubes to drop off.
E4	High Temperature	The inside of the unit is too warm; it cannot begin making ice until it has cooled.
E5	Water Shortage	No water is being pumped through the unit. Check the water inlet valve and the water supply.

If a code persists after these checks, disconnect the unit and contact Borrelli. Repairs involving the sealed system or refrigerant must be carried out by a qualified technician.

Warranty and Enquiries

Warranty periods vary by product. For the period that applies to this model, see its product page at borrelli.com.au. For the warranty terms and how to make a claim, see our Terms & Conditions. Keep your proof of purchase, as it may be required.

Enquiries

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