BERGS

SPLIT SYSTEM CHILLER · OWNER & USER MANUAL

The Classic

Perfect for 90% of recovery rooms.

Welcome to The Classic. This manual covers everything you need to run your chiller day to day — how to operate it, set the temperature, look after it, and what your warranty covers. Installation and any servicing must always be carried out by licensed professionals.

Quick Start

1

Check the water

Make sure the pool pump is running and water is circulating through the chiller.

2

Power on

Flick the isolation switch (the power point it's connected to) on — the chiller starts up. Switch it off there too.

3

Set your temperature

The Classic is preset to 8°C. Adjust it on the controller — see Section 2.

4

Let it pull down

Run the unit and pump continuously. Reaching temperature can take 24–48 hours (longer for large pools).

5

It looks after itself

The chiller shuts off at your set temperature and restarts automatically when the water drifts about 1°C above it.

6

During pool cleaning

The chiller must be switched off, or the heat exchanger can freeze over and delay the restart.

A quick overview only — see the sections inside for full detail. Installation and servicing must be done by licensed trades.

1 Your Chiller

The Classic is our most popular split-system chiller: an outdoor compressor unit paired with an indoor titanium heat exchanger that draws heat out of your pool or spa water as it circulates.

Suited to most recovery rooms. It holds 5°C in 1000–4000 litre pools (within about 1°C), even at ambient temperatures up to 50°C.

AT A GLANCE	
Cooling output	**6.5 kW (3.3 HP)**
Refrigerant	**R404a**
Power supply	**230 V single or three-phase (fan 240 V)**
Noise level	**72 dBA**
Pool size	**1000–4000 L**
Configuration	**Split system**

HOW IT WORKS	
1	**Your pump pushes pool water through the heat exchanger**
2	**Heat is drawn out and carried away by the refrigerant**
3	**The fan releases that heat to the outside air**
4	**Cooled water returns to your pool or spa**
5	**A thermostat holds the water at your set temperature**

The indoor heat exchanger — plumbed into your pool/spa return line.

2 Operating Your Chiller

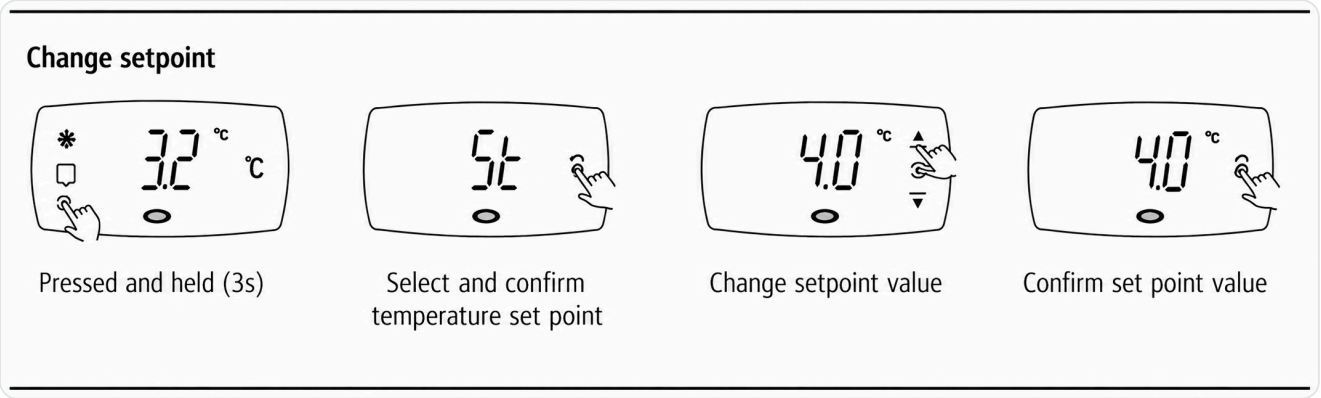
Turning on and off

- To turn the unit **on**, switch it on at the isolation switch — the power point the chiller is connected to.
- To turn it **off**, switch it off at that same isolation switch.
- There is no on/off button on the controller — the isolation switch is how you start and stop the unit.
- The chiller only runs while water is flowing through it — always have the pool pump running first.

Setting the temperature

The Classic is preset to **8°C**. To change the target temperature, use the controller:

- Press and **hold SET** for 3 seconds.
- **St** appears — select and confirm the temperature set point.
- Use the **up/down** arrows to change the value.
- Press **SET** again to confirm.



Changing the set point on the controller (32°C to 40°C shown).

Initial cool-down

- After installation (or any time the unit has been off), run the chiller and pool pump **continuously**.
- Reaching your target temperature typically takes **24–48 hours**, and can take several days for large pools or in warm conditions.

Normal operating behaviour

- Once at temperature, The Classic reduces output and switches on and off to hold the water at your set point.
- It restarts automatically (with the pump running) when the water rises about **1°C** above your set point.

> **DURING POOL CLEANING**
> The chiller must be switched off while you clean the pool or spa. If it keeps running with reduced flow, the heat exchanger can freeze over, which will delay the restart.

3 Looking After Your Chiller

What you can do

- Keep the airflow clearances around the unit clear of leaves, walls, plants and stored items.
- Gently brush the evaporator fins clean — switch the power off first, and use a soft brush in downward strokes to protect the fins.
- Keep pool chemicals stored and used well away from the unit.
- Switch the chiller off during pool/spa cleaning.
- Keep your filter clean so water flows freely through the chiller.

Six-monthly service (qualified technician)

Have a qualified technician carry out a service every six months. Keeping up regular maintenance also protects your warranty. A service covers:

Operational checks

- Confirm the unit reaches the set temperature.
- Check for water leaks beyond normal condensation.
- Check the temperature difference between inlet and outlet on the display.
- Isolate power, clear debris and clean the evaporator coil.

Safety & component checks

- Inspect all plumbing and electrical connections.
- Remove covers and inspect internal components for leaks and operation.
- Check and tighten the heat exchanger; verify fan operation and compressor current draw.
- Check earth wires and electrical components for carbon build-up or loose connections.

4 Troubleshooting

A few quick checks before you call. If a problem persists, switch off at the isolator and contact Bergs — never open the unit yourself.

WHAT YOU NOTICE	LIKELY CAUSE	WHAT TO DO
Pool not cooling, or cooling slowly	Dirty coils or incorrect flow rate	Turn the unit off. Check the coils at the back are clear of debris and dust. If the flow rate is low, confirm your pump settings.
Unit won't start	Power or isolator off	Make sure the isolation switch near the unit is switched on, and that the circuit breaker at the building's power board is also on.
Unit keeps stopping	The unit switching on and off is normal as part of operation	No action needed.
Clicking on and off rapidly	Possible low refrigerant pressure (a refrigerant issue)	Turn the unit off and call Bergs straight away.
Water around the unit	Normal condensation, or a leak	A little condensation is normal. If it is continuous or heavy, test the water (to tell condensate from pool chemicals) and contact Bergs.
Noisy or vibrating	Possibly a loose part or a fan obstruction	Record a video of the noise, switch the unit off, and contact Bergs right away.

IMPORTANT

The unit must not be opened or serviced by anyone other than a qualified technician. Doing so is unsafe and will void your warranty.

5 Safety

CERTIFIED PERSONNEL ONLY

All servicing, repairs and movement of The Classic must be carried out by licensed electricians and refrigeration mechanics. Improper handling by unqualified people risks electric shock, fire, water damage and injury.

- A 30 mA Residual Current Device (RCD) must be fitted, with good earthing, to protect against electric shock.
- Disconnect the power supply before anyone accesses the unit.
- If the supply cord is damaged, it must be replaced by a qualified service agent.
- Keep the unit in a well-ventilated outdoor area, away from continuously operating ignition sources (open flames, gas appliances).

REFRIGERANT — R404A

The Classic uses R404a, a flammable refrigerant that may have no odour. Do not pierce or burn the unit, as this could release refrigerant and pose a fire hazard.

- Not suitable for potable (drinking) water — for pool/spa chilling only.
- Handle with care if the unit is ever moved or transported.

6 Warranty

What's covered

- Bergs will repair or replace components or units that fail due to a manufacturing defect — parts and labour in the first year, and parts in the second year (see Warranty period).
- Warranty work is carried out during AEST business hours (excluding public holidays) by Bergs or an authorised repair agent.
- Replacement parts are covered for the remainder of the original warranty period, or 12 months from the repair date — whichever is longer.
- This warranty is in addition to your rights under Australian Consumer Law, which cannot be excluded.

Warranty period

A two-year warranty from the date of installation: **12 months parts and labour**, then a further **12 months on parts** (two years on parts in total). This applies provided the unit was installed by a Bergs-approved qualified technician, operated in line with this manual, and properly maintained.

What's not covered

- Incorrect or non-compliant installation, particularly by unlicensed individuals.
- Damage from non-Bergs accessories, parts or equipment.
- Environmental and weathering factors, corrosion, or foreign matter entering the unit.
- Access costs for units in restricted or unsafe locations; mobile/transportable installs or units relocated after install.
- Consumable items, and damage from operating outside the specified conditions or from misuse.

Your responsibilities

- Operate the unit in line with this manual, keep up six-monthly maintenance, and keep your service records.

Making a claim

- Contact Bergs immediately, as soon as you notice an issue. Note down when and where it happened.
- If you think there may be a fault and you're unsure, please call us anyway — we'd rather check.
- There's no claim form to fill in — we'll arrange for someone to come out to you.

7 Service Log

Have The Classic serviced by a qualified technician every six months, and record each visit here. Keeping up regular maintenance also protects your warranty.

DATE	SERVICED BY	NEXT SERVICE DUE

What a six-monthly service covers

- [ ] Unit reaching target temperature
- [ ] No water leaks (besides condensation)
- [ ] Inlet/outlet temperature difference checked
- [ ] Power isolated and debris cleared
- [ ] Evaporator coil brushed clean
- [ ] Plumbing connections checked
- [ ] Electrical connections checked
- [ ] Heat exchanger checked and tightened
- [ ] Fan operation verified
- [ ] Earth wires checked

IF SOMETHING GOES WRONG

Contact Bergs immediately as soon as you notice an issue, and note down when and where it happened. If you think there may be a fault and you're unsure, please call us anyway — we'd rather check.

Bergs Recovery

TECHNICAL SUPPORT
james@bergsrecovery.com

PHONE
+61 439 393 402

WEB
bergsrecovery.com