MYCOOLMAN

CCP FRIDGE-FREEZER

Operation Manual

for AC/DC Fridge·Freezer

Single Zone Models CCP 30 / 36 / 44 / 60 / 73 / 105
Dual Zone Models CCP 69 / 85 / 96

www.mycoolman.com.au

LEISURE-TEC Australia Pty Ltd

Contents

Important Safety Warnings

- DO NOT use if any of the electrical cables or plugs are worn or frayed. Replace with original manufacturers parts.
- ALWAYS check cables for mechanical damage, cuts in the insulation, heat / moisture damage before use. If in any doubt REPLACE.
- DO NOT handle electrical flexes with wet hands.
- DO NOT place electrical items in refrigerator.
- If your fridge/freezer has been off with food stored, do not consume if in any doubt!
- Repairs should only be carried out by a suitably qualified and authorized person. Poor repair could be dangerous.
- DO NOT store dangerous items in the appliance, such as spray cans, explosives, and flammable liquids / propellants.
- ALWAYS leave room for airflow around the contents stored in the refrigerator to ensure optimum performance.
- DO NOT operate this appliance in the rain.
- DO NOT allow children to play with the appliance.
- Small children must be supervised when around all electrical appliances.
- DO NOT allow children or pets to climb inside appliance.
- ALWAYS disconnect before cleaning.
- Food must be stored in suitable and appropriate containers.
- If your appliance is plugged in to a DC vehicle socket – ensure that you disconnect from power when you stop. Or use the battery protection (page 5).
  Don't come back to a flat battery!
- DO NOT fill appliance with ICE, WATER or other liquid.
- DO NOT attempt to remove frost with scraper or knife. Serious damage to cooling system could occur.
- Buildup of heat in a vehicle can be extreme, 'shutdown' will occur if cooling is not possible.

Important Product Information

- Best performance is achieved in ambient temperatures between +10 °C and + 43 °C.
- Temperatures above +32 °C may see a slight performance drop, and power consumption increase.
- The lower the ambient temperature, the lower the power usage. In order to maximize efficiency, keep the unit in a cool location out of direct sunlight.
- When using the unit ensure the circuit being used has a fuse or circuit breaker, recommended size for DC 12 Volt is 10 Amp, DC 24 Volt is 5 Amp.

Damage may occur if the DC cable supply is undersized. This will cause low voltage. As a guide, from the battery to the appliance follow this guide.

Cable cross section	12v maximum cable length	24v maximum cable length
mm²	Metre	Metre
2,5	2,5	5
4	4	8
6	6	12
10	10	20

- Make sure the voltage is within the correct range for socket and cable being used.
- Do not place any electrical devices inside the refrigerator as they may be damaged.
- Your unit requires good ventilation, especially around the vents of the refrigerator; allow a gap of at least 100 mm around all vents.
- Do not allow a large amount of frost to build up on the inside walls as this may impair cooling.
- Defrost by turning the unit off. Once frost has melted, remove the bung plug to drain any excess water and wipe out any remaining moisture with a clean cloth.
- It is recommended to operate the unit on a flat surface, but it will operate at angles up to 30 °.

NOTE:

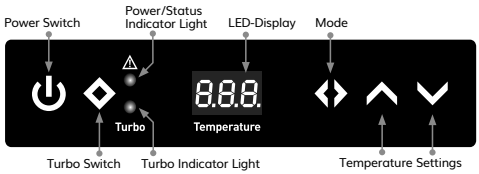
At inclinations of more than 15 ° the compressor noise level may increase (without any effect on the cooling performance).

Product Features

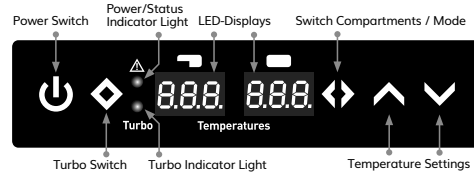
1 Powered by 12/24 Volt DC compressor
2 Two way opening lid (not CCP 30/36/44)
3 Bottle openers on both sides
4 Flat carry and tie down handles
5 Digital display for each compartment (only Dual Zone models)
6 Multi-voltage system AC (240v) and DC (12/24v) with battery protection DC inlet on two ends
7 USB port and charger with 3000 mA
8 Stylish robust corners for protection
9 LED interior light
10 Divided compartment storage
11 Fully refrigerated stepped compartment
12 Headroom for upright standing bottles
13 Bluetooth App for mobile use

LED Control Panel & Operation Instructions

Control Panel Single Zone (CCP 30 / 36 / 44 / 60 / 73 & 105)



Control Panel Dual Zone (CCP 69 / 85 & 96)



NOTE: ***Temperature can be set from –22 °C to +10 °C in each compartment***

Turning the unit on and off:

Step 1: Plug in the AC or DC power cable (ensure power is on at source).
Step 2: Press the ⏻ button once to turn on - To switch off press and hold the ⏻ for 3 seconds.

NOTE:

- ***The 'Power/Status Indicator Light' will illuminate green to show the unit is running OK.***
- ***The system has a memory which records your last setting before shutting down.***
- ***If the power supply is cut off or disconnected, the unit will switch off automatically, once the power supply is restored it will automatically switch back on. Your unit may temporarily show a status of E3 or E4 and will clear after approximately 5 minutes.***
- ***When adjusting settings directly on the fridge, the LED display will flash to let you know that the settings are now adjustable.***

Changing the set temperature: Single Zone

Step 1: Press the ◂▸ button once.

Step 2: Use the ∧ and ∨ button to change the temperature.

Step3: Once you reach your desired temperature you do not need to press any further buttons. Just leave it sit until you see the temperature flash 5 times – this means the temperature is now locked in.

NOTE:

- ***The fridge temperature shown on the LED (as a solid - non flashing icon) is the current inside temperature. This will lower to your set temperature, given time to chill down.***

Changing the set temperature: Dual Zone

Step 1: Press the ◂▸ button once.

Step 2: Use the ∧ and ∨ button to change the temperature in the left-hand zone (the zone with the step inside).

Step3: Once you reach your desired temperature in the first zone press the ◂▸ button again. This then moves to the right zone (the large deep zone).

Step 4: Use the ∧ and ∨ button to change the temperature.

Step 5: Once you reach your desired temperature you do not need to press any further buttons. Just leave it sit until you see the temperature flash 5 times – this means the temperature is now locked in.

LED Control Panel & Operation Instructions

Engaging Turbo mode:

What is the purpose of Turbo Mode? It enables the compressor to run at a higher speed, therefore achieving faster cooling to your nominated temperature.

Step 1: Press the ◇ button once to turn on. The light will illuminate green to indicate that Turbo Mode is engaged.

Step 2: To turn off, press the ◇ button again. The green light will now go out to indicate that Turbo mode is no longer engaged.

Change temperature between °C or °F:

Step 1: Press the ◇ button 2 times for single zones or 3 times for dual zones.

Step 2: Use the ∧ and ∨ button to change between °C or °F.

Step 3: Once you reach your desired setting you do not need to press any further buttons. Just leave it sit until you see the setting flash 5 times – this means the setting is now locked in.

Turn off one zone – only for Dual zone models:

Turn on and off LEFT zone (the zone with step inside): Press and hold the ∧ button for 3 seconds.

Turn on and off RIGHT zone (the large deep zone): Press and hold the ∨ buttonfor 3 seconds.

NOTE:

- ***When off, there will be NO LED temperature display in the correlating zone.***
- ***You CAN NOT turn off single zones through the App, this must be done directly on the unit.***

Setting Battery Protect:

Step 1: Press the ◇ button 3 times for single zones or 4 times for dual zones.

Step 2: Use the ∧ and ∨ button to choose either HI, MED or LO protection levels.

Step 3: Once you reach your desired setting you do not need to press any further buttons. Just leave it sit until you see the setting flash 5 times – this means the setting is now locked in.

Automatic shut down and re-start voltage levels:

	12v Input		24v Input	
	Unit turns off at	Unit turns on at	Unit turns off at	Unit turns on at
LO:	10.1	11.1	21.5	23.0
MED:	11.4	12.2	22.5	24.0
HI:	11.8	12.6	23.0	24.5

Bluetooth Mode Instructions

Activate Bluetooth mode:

Step 1: Press the ‹› and ^ button for 3 seconds together at the same time

Step 2: Use the ^ and v button to choose either CLO (closed) or OPE (open).

Step 3: Once you reach your desired setting you do not need to press any further buttons. Just leave it sit until you see the setting flash 5 times – this means the setting is now locked in

NOTE:

- ***CLO: Bluetooth mode is off. You can only pair your unit to the App by directly scanning the QR code adhered to the side of the fridge.***
- ***OPE: Bluetooth connection is open. You can now 'search' using your App for your unit and pair your unit to the App***

Installing Bluetooth App:

Step 1: Download the 'myCOOLMAN' app (for FREE) from the Apple or Google Play store.

Step 2: Open the App.

Step 3: Connecting to your unit - There are 2 ways to discover your unit within the App.

Option 1 – Scan QR code.

Step 1: Click on the icon

Step 2: Scan QR code – this is on a sticker adhered to the side of the unit.

Option 2 – 'Search' for the device

Step 1: Click the + Add device icon

Step 2: Select your unit from the list.
If your unit does not appear, you can either complete option 1 or see above 'Activate Bluetooth mode' to turn on Bluetooth connectivity.

NOTE:

- ***A secondary QR code sticker is included in the power lead box with the instruction manual.***

What can I do through the app now that I am activated and connected?

- Turn your fridge on and off
- Adjust the fridge temperature between –22 °C to +10 °C
- Check the current temperature
- Turn the Turbo mode on and off
- Choose the 'Battery Protection Level' (see the chart on page 5)
- Monitor the current battery voltage
- Choose between °C or °F in the settings
- Switch and control several fridges
- Recognize any fault immediately
- Personalise your units name

Two Way Opening and Removable Lid

Purpose for removing the lid:

CCP 30, 36 & 44 – This lid can be removed for cleaning.

CCP 60, 69, 73, 85, 96, 105 – This lid can be removed to aid with cleaning and to change the opening direction. You can change the direction of the lid by following the below instructions.

How to remove the lid:

Open the lid fully, then overextend, pushing lid past this point to remove.

How to attach the lid:

Line the hinges up with the metal posts and press down firmly. If you would like to change the opening direction of the lid - line the hinges up with the metal posts on the other side of the fridge and press down firmly (only available on CCP 60/69/73/85/96/105).

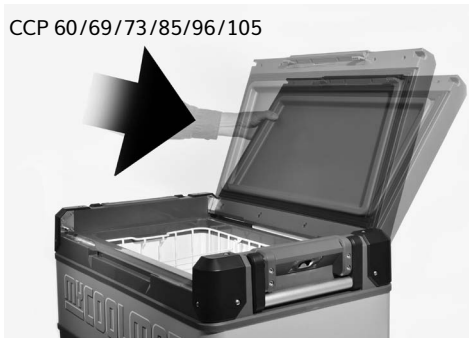
WARNING:

Potential pinch point. Never place fingers or items that can be damaged between the lid and the wall of the fridge as there is potential for injury

CCP 30/36/44

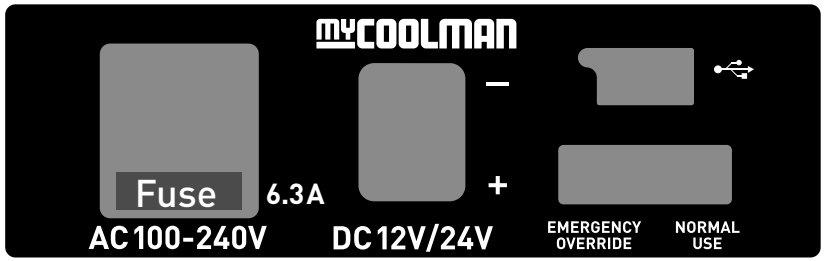
CCP 60/69/73/85/96/105

CCP 60/69/73/85/96/105



CCP 60/69/73/85/96/105

Emergency Override



The Emergency Override Switch is located just below the main control panel next to the power inlets

For normal operation the switch is in the "NORMAL USE" position. If the electronics in the display board fail or controls become non-functional, slide the switch to EMERGENCY OVERRIDE position.

NOTE:

- *In EMERGENCY OVERRIDE, the cooler runs with full cooling capacity (i.e. will chill as heavily as possible with no regard to the set temperature) and may freeze.*
- *The compressor will run continuously for 8 hours before going into a hibernation mode.*

Cleaning & Maintenance

How to clean your unit:

- Clean the appliance inside and outside with a clean damp cloth every week. If it is dirty, use sodium bicarbonate dissolved in lukewarm water to clean the unit.
- Please don't use abrasive products, detergents, soap or hard objects to clean as these can damage your refrigerator.
- After cleaning, wipe out with a clean damp cloth and dry carefully.
- Never clean the unit under running water or in dish water.
- Do not store products inside unit if the unit is off.
- Do not store the unit if it is wet inside or without leaving the lid open.

Troubleshooting

How to get the most out of your unit:

- Best performance is achieved at ambient temperatures between +10 °C and +32 °C.
- Product is rated as a 'T Climate' class (Tropical), which means that the units meet the requirements of ISO-15502 at 43 °C.
- Higher ambient temperatures mean that the compressor will run faster and longer.
- If the unit is in direct sun, this also increases the ambient temperature and may result in the compressor running faster and longer.
- In extraordinary high temperatures the compressor will purposely slow to 1080 RPM for safety.
- Never stack meat, fish or any other solid water-based food directly against each other without air gaps. If the cool air cannot circulate and surround the individual contents, it will take much longer to freeze and may even result in partial freezing.

The unit is not turning on

- Check whether the unit has been turned on.
- Check the power supply (try a different power source/vehicle/socket).
- Check whether the plug and the socket have a good connection.
- Check whether the fuse has been burned out or blown.

Low refrigeration performance

- Too much product has been placed inside the unit.
- There is no room for air to circulate between the items in the fridge/freezer.
- There is too much warm product inside the unit.
- The lid is unlatched or open.
- The lid seal is broken.
- Poor ventilation (allow 100 mm of space around all vents).
- The ambient temperature is too high.
- The temperature setting is too high.

Can hear the sound of liquid flowing or gurgling from inside the unit

- This is normal, due to the flow of refrigerant in the unit.

Unusual noise when refrigerator is working

- The refrigerator is not placed on a level surface. If none of the above solves your issue, see page 3 or contact myCOOLMAN.

NOTE:

At inclinations of more than 15 ° the compressor noise level may increase (without any effect on the cooling performance).

Status Indicator

E0 flash every 4 seconds temperature sensor issue:

- Contact Leisure-Tec on 1300 07 2018

E1 flash every 4 seconds - low voltage & Battery Protection:

- An E1 will occur when the battery protection level has been reached.
  i.e input voltage to low for protection setting, check power source voltage.
- Try on different power source (vehicle or 240V AC power).
  If changing power source fixed issue, then possible issue with original power source.
- Ensure cabling between fridge and battery is at least 1.5 mm2,
  if the distance is more than 2 metres use at least 2.5 mm2 cable.

E2 flashes every 4 seconds - fan issue:

- Fan is drawing too many amps (over 0.6 amps), replace fan.
  Contact Leisure-Tec on 1300 07 2018

E3 flashes every 4 seconds - compressor start issue:

- Unplug cable and allow unit to rest for 10 minutes.
- Try on different power source (vehicle or 240 V AC power).
- Electronic box fault.
- Compressor fault.
- If changing from 240v AC to 12v DC power or vice versa, if the change is done too quickly without switching off the unit; the unit will show an error.
  Just wait 5 minutes and it will automatically correct and run normally.

E4 flashes every 4 seconds - low motor speed:

- Reduce products/items inside unit.
- Move so unit is in a lower ambient temperature,
  clean vents/ensure clear air flow over compressor.
- Fan fault.
- If changing from 240v AC to 12v DC power or vice versa, if the change is done too quickly without switching off the unit; the unit will show an error.
  Just wait 5 minutes and it will automatically correct and run normally.

E5 flashes every 4 seconds - over temperature:

- Ambient temperature too high.
- Clean vents/ensure clear air flow over compressor.
- Fan fault.

NOTE:
The status indicator will be green if running normal. If it changes to a flashing orange light, this indicates that there is a change in status. There will also be a status indicator code shown on the LED display.

Notes:

Product Specifications

Model	CCP 30 Single Zone	CCP 36 Single Zone	CCP 44 Single Zone	CCP 60 Single Zone	CCP 73 Single Zone	CCP 105 Single Zone	CCP 69 Dual Zone	CCP 85 Dual Zone	CCP 96 Dual Zone
Dimensions mm	Length 610 Width 340 Height 424	Length 652 Width 412 Height 428	Length 652 Width 412 Height 488	Length 732 Width 456 Height 488	Length 732 Width 456 Height 555	Length 912 Width 536 Height 500	Length 732 Width 456 Height 555	Length 912 Width 536 Height 470	Length 912 Width 536 Height 500
Weight / kg	17.5	21.8	23.4	25.6	28.2	33.2	29.4	33.6	34.9
Connection voltage	DC 12/24v ⎓ / AC 100–240v~ 50–60Hz								
Rated current	12v⎓ 3.40 A 24v⎓ 1.70 A 240v~ 0.30 A	12v⎓ 3.40 A 24v⎓ 1.70 A 240v~ 0.31 A	12v⎓ 3.80 A 24v⎓ 1.90 A 240v~ 0.30 A	12v⎓ 5.60 A 24v⎓ 2.90 A 240v~ 0.30 A	12v⎓ 5.90 A 24v⎓ 3.00 A 240v~ 0.30 A	12v⎓ 5.50 A 24v⎓ 2.80 A 240v~ 0.32 A	12v⎓ 5.30 A 24v⎓ 2.80 A 240v~ 0.31 A	12v⎓ 5.80 A 24v⎓ 2.90 A 240v~ 0.34 A	12v⎓ 5.80 A 24v⎓ 2.90 A 240v~ 0.34 A
USB	5v / 3000 mA								
Climate class	N, T								
Refrigerant Quantity	R134a / 37g	R134a / 43g	R134a / 45g	R134a / 65g	R134a / 70g	R134a / 100g	R134a / 75g	R134a / 96g	R134a / 96g
Cooling capacity	–22 °C to +10 °C (0 °F to +50 °F)								
Volume litres	30	36	44	60	73	105	69 (24/45)	85 (35.5/49.5)	96 (41/55)

Warranty Terms & Conditions

To warranty register your unit please head to: **https://mycoolman.com.au/pages/warranty-registration** and upload a copy of your proof of purchase as well as completing the online form.

When you buy myCOOLMAN Fridge·Freezer you have peace of mind knowing that it is backed by a comprehensive 3 year warranty against defects in materials and workmanship plus 2 years (parts only) on the compressor. The myCOOLMAN warranty is provided in addition to any rights provided under Australian Consumer Law. All claims under this warranty should be made by returning the product to the place of purchase at your expense, with the detail of the fault, proof of purchase and fitment details. If we determine that a myCOOLMAN product is defective in materials or workmanship during the warranty period, we will either repair or replace the unit.

This warranty does not apply to failure or damage to a myCOOLMAN product caused by incorrect or faulty fitment, accidental or intentional damage, failure of other products, incorrect application, incorrect voltage, environmental damage, operation of the product outside of its environmental and technical specifications, or repair or modification carried out by anyone other than an authorised repairer.

Designed in Germany, made in China for

LEISURE-TEC Australia Pty Ltd
50 Metrolink Circuit
Campbellfield, VIC 3061 Australia
1300 07 2018

www.mycoolman.com.au