

MYCOOLMAN

COMPRESSOR FRIDGE-FREEZER

Operation Manual ***for DC Fridge-Freezer***

Single Zone Models CCP15R / CCP20R RECREATIONAL



www.mycoolman.com.au

Contents

Important Safety Warnings	Page	2
Important Product Information	Page	3
Product Features	Page	3
LED Control Panel & Operation Instructions	Page	4-5
Bluetooth Mode Instructions	Page	6
DC 12V/24V Inlet Socket and Fuse	Page	7
Cleaning & Maintenance	Page	7
Troubleshooting	Page	8
Status Indicator	Page	9
Notes	Page	10-11
Product Specifications	Page	12
Warranty Terms & Conditions	Page	12

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.

MYCOOLMAN CCP FRIDGE-FREEZER

Important Product Information

- Best performance is achieved in ambient temperatures between +10 °C and + 38 °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.
- 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 °.

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
mm ²	Metre	Metre
2.5	2.5	5
4	4	8
6	6	12
10	10	20

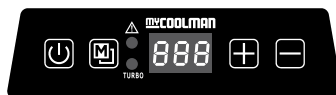
NOTE:

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

Product Features



1. Powered by DC Compressor
2. Strong Carry Handle
3. Battery Protection
4. Turbo Mode
5. Flexible Storage with divider
6. Digital Display

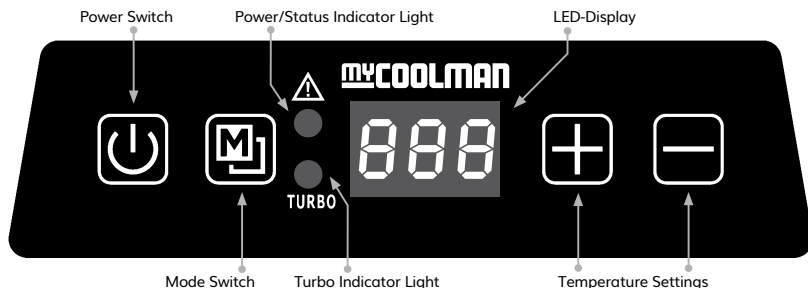


7. Bluetooth App for mobile use



LED Control Panel & Operation Instructions

Control Panel CCP15R / CCP20R



NOTE: Temperature can be set from $-18\text{ }^{\circ}\text{C}$ to $+10\text{ }^{\circ}\text{C}$

Turning the unit on and off:

Step 1: Plug in the 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 only illuminate to indicate a fault.
- 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.
- 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:

Step 1: Use the  and  button to change the temperature.

Step 2: 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 8 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.

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 blue to indicate that Turbo Mode is engaged.

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

Change temperature between °C or °F:

Step 1: Press and hold the  button to enter °C Celsius and °F Fahrenheit setting mode.



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 8 times – this means the setting is now locked in.




NOTE:

- When off, there will be NO LED temperature display.
- You can power on the cooler via the App

Setting Battery Protect:

Step 1: Press and hold  button to enter °C Celsius and °F Fahrenheit setting mode, once in this setting mode, press the  button again and switch to battery protection setting mode.

Step 2: Use the  or  button to choose either HI, NE or LO protection levels.

Step 3: Press the  button one more time in battery protection setting mode change to Bluetooth ON/OFF mode, and use  or  button to cycle the option.

Step 4: 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 8 times – this means the setting is now locked in.

Automatic shut down and re-start voltage levels:

	12V MAX Input Voltage 17V		24V MAX Input Voltage: 31.5V	
	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
NE:	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  button for 3 seconds to enter function selection mode then press  3 times.

Step 2: Use the  and  button to choose either ON or OFF.

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 8 times – this means the setting is now locked in

NOTE:

- **OFF: 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.
- **ON: Bluetooth connection is open.**
You can now 'search' using your App for your unit and pair your unit to the App



Installing the myCOOLMAN RECREATIONAL Bluetooth App

Step 1: Download the 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: Scan QR code – this is on a sticker adhered to the side of the unit.

Option 2 – 'Search' for the device

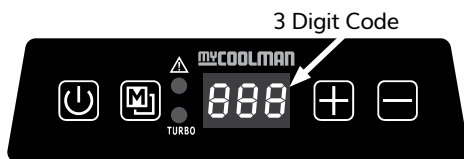
Step 1: Click the  Bluetooth icon

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.

Security Code Function:

Once you have selected the correct fridge you will be prompted to enter a three digit code that will appear on the display:



Enter this code into your device to access all of the APPS features. This will occur when you first connect to your myCOOLMAN RECREATIONAL fridge APP

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 -18°C to $+10^{\circ}\text{C}$
- Check the current temperature
- Turn the Turbo mode on and off
- Monitor the current battery voltage
- Choose between $^{\circ}\text{C}$ or $^{\circ}\text{F}$ in the settings
- Switch and control several fridges
- Recognize any fault immediately
- Personalise your units name

DC 12V/24V Inlet Socket and Fuse



Fuse 6.3A

NOTE:

- You will find the fuse in the DC lead

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 'N, 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 Leisure-Tec on 1300 07 2018.

NOTE:

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

Status Indicator

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 powerpack)
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 powerpack)
- Electronic box fault.
- Compressor fault.

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.

E5 flashes every 4 seconds - over temperature:

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

E6 flashes every 4 seconds - temperature sensor issue:

- Contact Leisure-Tec on 1300 07 2018

NOTE:

The status indicator will be blank 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.

Product Specifications

Model	CCP15R	CCP20R
Product description	Single Zone Fridge / Freezer	Single Zone Fridge / Freezer
Dimensions / mm	Length 452 / Width 346 / Height 318	Length 452 / Width 346 / Height 368
Weight / kg	9	10
Connection voltage	DC 12/24V	DC 12/24V
Input power	40W	40W
Insulation	C-Pentane	C-Pentane
Climate class	N or T	N or T
Refrigerant / quantity	R134a / 23 grams	R134a / 23 grams
Cooling capacity	- 18 °C to +10 °C (0 °F to +50 °F)	- 18 °C to +10 °C (0 °F to +50 °F)
Volume / litres	15	19.3

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. 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 and made in China for

LEISURE-TEC Australia Pty Ltd
Phone 1300 07 2018



www.mycoolman.com.au