

OWNER'S m a n u a l

coolair[®]
C P L S E R I E S

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Congratulations on choosing a new cooler for your home.

Your cooler is built from the highest quality materials and engineered to provide many years of economical, trouble free cooling.

Please take a few minutes to read these instructions so you have a full understanding of how to operate your cooler. Your installer should demonstrate the features and procedures set out in these instructions. The installer should also provide you with a Model and Serial number, which can be filled out on the last page.

Keep these instructions in a safe place for future reference.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

EFFECTIVE COOLING

To provide efficient cooling or ventilation the building must have sufficient exhaust openings to outdoors in the form of doors, windows or other vents. To assist air circulation, open windows or doors that are furthest from the outlet vent in each room. In every room that has an outlet vent, provide an exhaust opening about 2 or 2.5 times the vent size of the room. Where the design of the building prevents adequate exhaust, consideration should be given to the provision of mechanical extraction such as an exhaust fan.

Total minimum openings for the whole building are demonstrated by the following table:

Cooler Model	Exhaust Opening
CPL450	2.0m ²
CPL600	2.5m ²
CPL700	2.5m ²
CPL850	3.0m ²
CPL1000	4.0m ²
CPL1100	4.0m ²

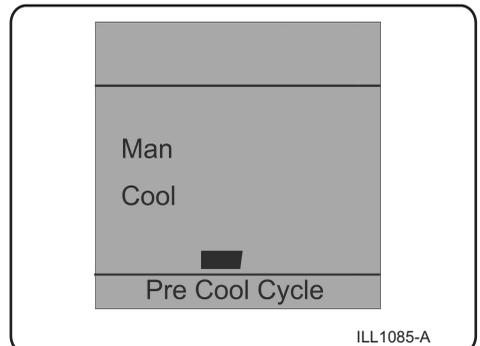
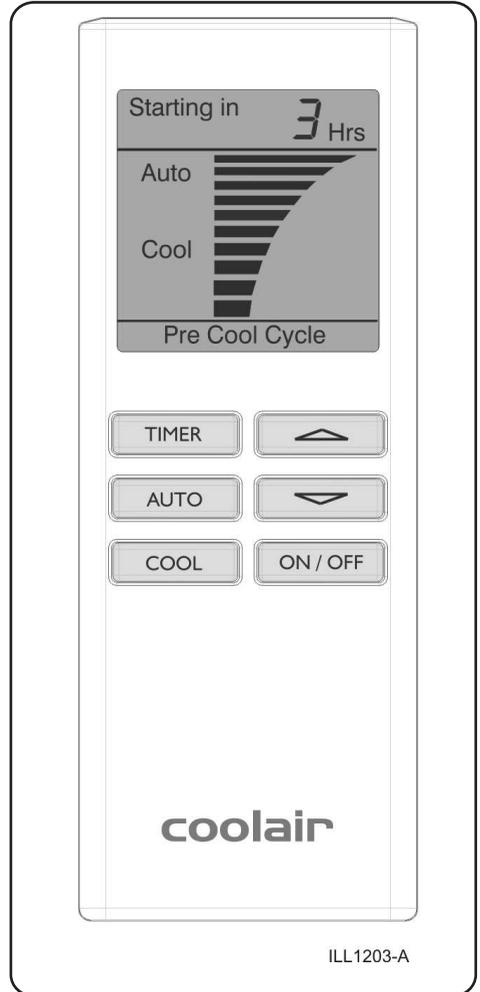
Please note that an average size door is 1.5m²

STARTING YOUR COOLER

The ON/OFF button turns the air cooler on and off.

There are two modes of operation to choose from, Automatic mode or Manual mode. When the air cooler is turned on, it will start in the mode of operation it was in when last turned off.

If your air cooler has not been operated for a while, then when you start it, "Pre Cool Cycle" may sometimes flash on the display as shown. This indicates that the water pump will operate to saturate the cooling pads for a few minutes before the fan is turned on. This is to ensure that when the



AUTOMATIC MODE

The AUTO button is used to select Automatic mode or Manual mode. When "Auto" is displayed the cooler is under Automatic control and will operate according to the temperature sensed at the wall control.

When the air cooler is turned on, it will read the temperature and set the cooler operation accordingly. If the temperature increases at the wall control, then the fan speed will increase. As the temperature decreases the fan speed will decrease until the cooler turns off.

Press ▲ or ▼ to override the automatic cooling level setting and adjust your room temperature.

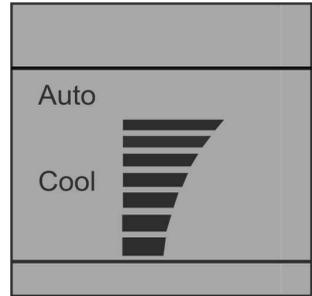
MANUAL MODE

To switch to Manual mode, press AUTO until "Man" appears in the display. In Manual mode the cooling level can be manually adjusted.

In Manual mode, press COOL to choose between circulating cool air or uncooled air. When "Cool" is displayed, fresh cool air will circulate into the building. When "Vent" is displayed as shown, fresh uncooled air will circulate through the building.

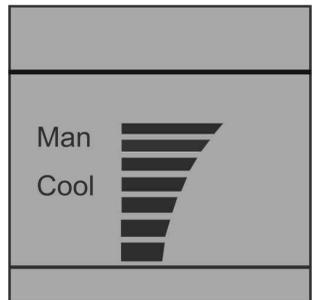
Press ▲ to increase the fan speed and circulate more air. Press ▼ to decrease the fan speed and circulate less air. Press once to change the speed by one increment. Hold the button down to change the speed more quickly.

AUTOMATIC MODE DISPLAY

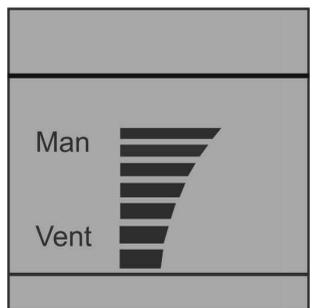


ILL1096-A

MANUAL MODE DISPLAY



ILL1097-A



ILL1098-A

TIMED AUTOMATIC START

You can set the air cooler so that it will turn on after a set number of hours.

1. To set the delayed start time, press **TIMER** with the cooler turned OFF. "Starting in" will be displayed as shown with the last mode of operation (Manual or Automatic).

2. If you want the air cooler to turn on in Automatic mode with the previous settings, then press **AUTO** until "Auto" is displayed. Alternatively, if you want the air cooler to turn on in Manual mode, press **AUTO** until "Man" is displayed and then press **COOL** and then ▲ or ▼ to set the required fan speed.

3. To set the time until the start, press **TIMER**.

4. Then press ▲ or ▼ to adjust the time. The cooler can start up to 24 hours in advance.

5. Press **TIMER** again to initiate the timed automatic start. The timed start will not repeat.

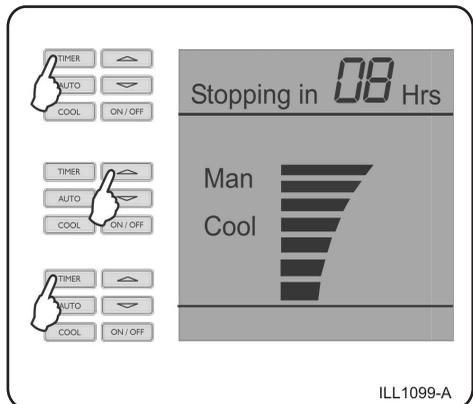
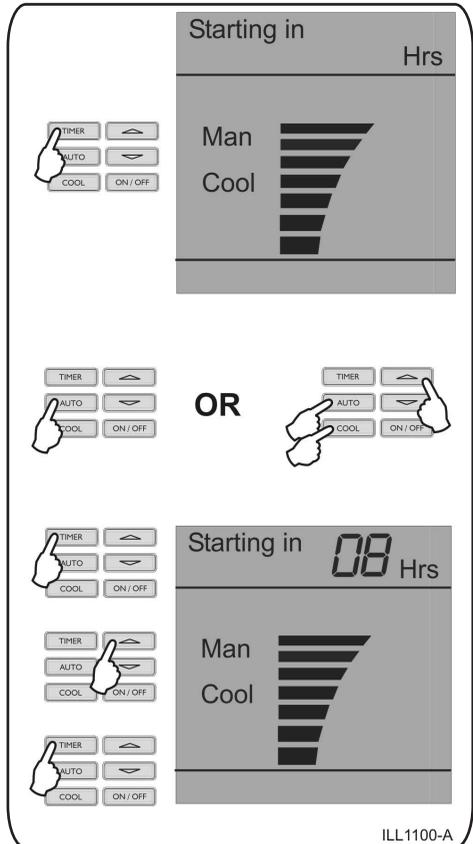
TIMED AUTOMATIC STOP

You can also set the air cooler so that it will turn off after a set number of hours.

1. To set a delayed stop time, press **TIMER** with the cooler running. "Stopping in" will display.

2. Press ▲ or ▼ to adjust the number of hours before the air cooler will stop. The maximum delay setting is 24 hours.

3. Press **TIMER** again to begin the timed



USING THE COOLER

Now that you have read these instructions, press the POWER button to turn your air cooler on. If the air cooler has not operated for a while, "Pre Cool Cycle" will flash on the display. The "Pre Cool Cycle" will begin and will take only a few minutes to complete. After this time, the fan will come on automatically, and you can enjoy the comfort of cool fresh air!

AIR TOO COLD

With the cooler running in Automatic mode, you may find that you are too cold or that the air cooler is blowing too much air. Press ▼ to lower the automatic temperature setting and reduce the amount of cooling.

If you are too cold with the cooler running in Manual mode, then press ▼ to reduce the fan speed. You can also circulate fresh uncooled air by pressing COOL until "Vent" displays.

AIR NOT COLD ENOUGH

You may find that with the air cooler running in Automatic mode, you are not cool enough. Simply press ▲ to increase the cooling rate.

If you are not cool enough with the air cooler running in Manual mode, then press ▲ to increase the fan speed. Ensure that cooled air is circulating by pressing COOL until "Cool" displays.

You can experiment with the settings on your wall control. This is the best way to get the most from

This cooler comes with a standard bleed system or the optional automatic Drain Valve.

STANDARD BLEED SYSTEM

During operation, the bleed system will drain small amounts of water. This ensures fresh water is continually added to dilute salt accumulation in the water caused through evaporation. This helps keep the air cooler in good condition and ensure optimum performance. The bleed rate will depend on local operating conditions and will be set by the installer.

AUTOMATIC DRAIN VALVE

If the drain valve was installed instead of the standard bleed system then your cooler will automatically drain after a set time of continuous operation. This ensures the water is always fresh and helps maintain your cooler in good condition to ensure optimum cooling performance. The frequency of the automatic drain may have been adjusted by your installer according to the general water quality in your area.

When the cooler is turned off for 72 hours, the drain valve will open automatically and empty water from the cooler. When the cooler is turned on again, fan operation will delay for a few minutes while the tank refills and the cooling pads are saturated again.

At any time when the thermostat is OFF, you can drain the cooler by pressing and holding ▲ and ▼ for 1 second. The display will show "dr" to confirm the operation has activated.

Regular maintenance is essential to ensure the cooler operates efficiently for many years. Services must be performed before and after the summer season. More frequent servicing may be required in dusty conditions or in areas with poor water quality.

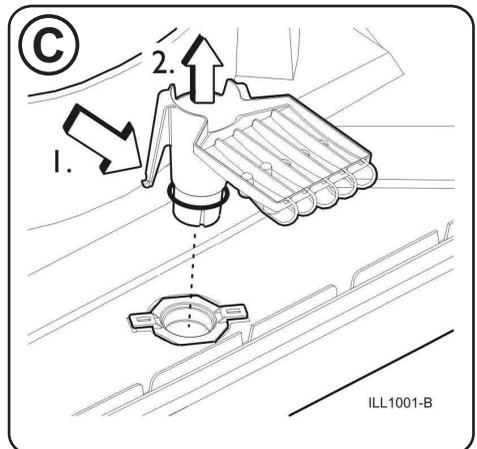
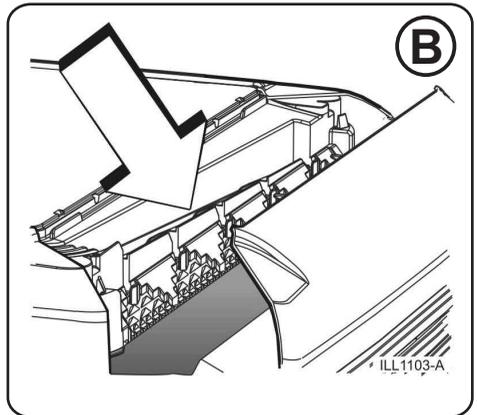
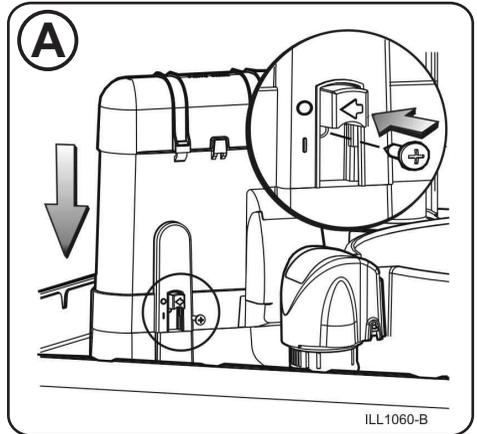
WARNING: We recommend maintenance is carried out by an authorised service agent. Climbing onto the roof is hazardous and can result in personal injury or property damage. Failure to carry out maintenance will affect your warranty coverage.

HEALTH REGULATIONS

Note that some regulating authorities require services to be conducted at specific intervals.

END OF SEASON SERVICE

- Turn off the power supply to the cooler.
- Turn off the water supply to the cooler.
- Remove the pad frames as shown.
- A. Turn off the power switch inside the cooler.
- B. Check and clean the lid water channels.
- C. If fitted, first unclip and then remove the bleed system as shown. Allow the tank water to drain. Do not lose the o-ring.
- Thoroughly clean the tank and pump filter.
- Do not replace the bleed system. (If a Drain Valve is fitted it will automatically drain.)



PRE-SEASON SERVICE

- Turn off the power supply to the air cooler
- Remove the pad frames as shown.
- Ensure the power switch in the cooler is off.
- Gently wash the pads to remove any dust build up during the winter period. If the pads are in poor condition, replace them.

IMPORTANT: Do not damage the pads with high pressure water spray.

• Replace the bleed system if it was removed during previous maintenance and ensure the o-ring is fitted. (If the cooler is fitted with a drain valve this will not be necessary as it will automatically close when the cooler turns on).

- Turn on the power switch inside the cooler.
- Turn on the water and then the power.
- Re-fit the pad frames and run the cooler.

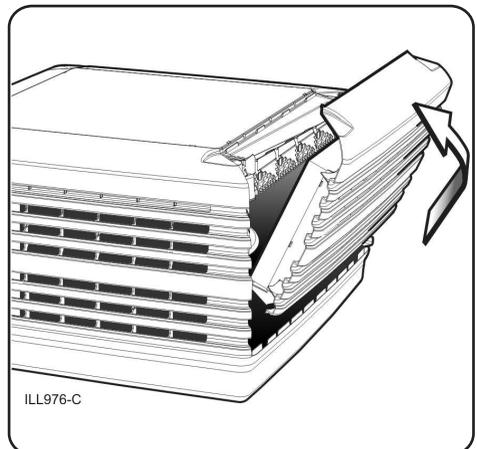
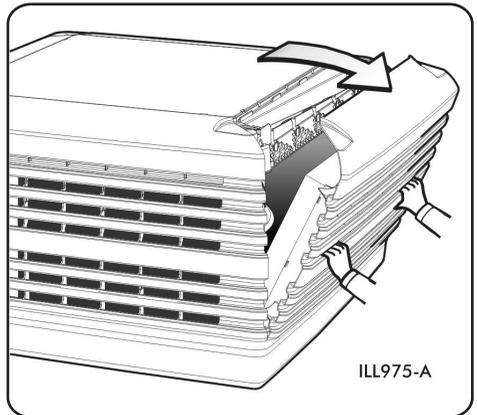
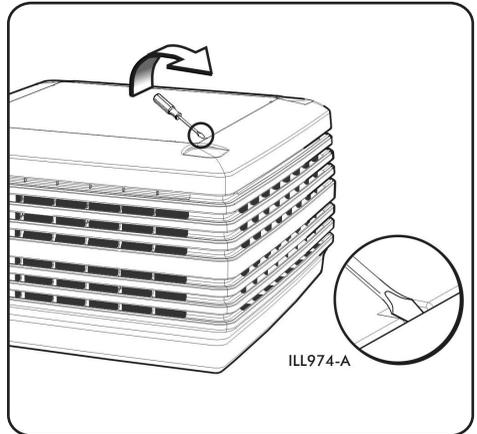
WARNING: Do not run the air cooler with the pad frames removed.

REMOVAL OF PAD FRAMES

To remove a pad frame, insert a flat screw driver tip into the slot as shown and lever until disengagement occurs.

Take hold of the pad frame and pull it towards you until the internal side clips disengage.

Pivot the pad frame outwards and lift up. Take care not to damage the pad. Repeat



PROBLEM – Unpleasant Odour**CAUSE****ACTION**

1. Odour from new pads.



Allow time to condition by running the air cooler.

PROBLEM – Inadequate Cooling**CAUSE****ACTION**

1. Dry pads.



Check water flow to pads.
Inspect fitment of distributor cap.
Check for blocked or kinked hose. If blocked, dismantle, clean and flush or unkink the hose.

2. Insufficient exhaust openings for conditioned air.



Ensure sufficient openings. Refer to chart on Pg. 2

3. Excessive ambient humidity
(See also Insufficient exhaust)



On days where the ambient humidity is high, the cooler will not reduce the temperature as much as on drier days.

If your wall control displays SERVICE or should you consider that your cooler requires service, contact your local Dealer or the Service number on the back of this manual.



Warranty Service

1300 650 644

When you contact your Dealer regarding service or warranty please quote the unit model number and serial number as shown below.

Affix serial & model
numbers sticker here

coolair®
CPL SERIES