

# Cool-A-Zone



## User Manual: C100

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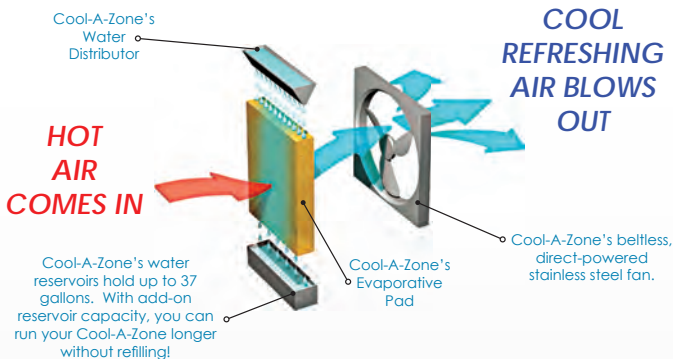


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## How Cool-A-Zone Works



# Installation & Set-Up

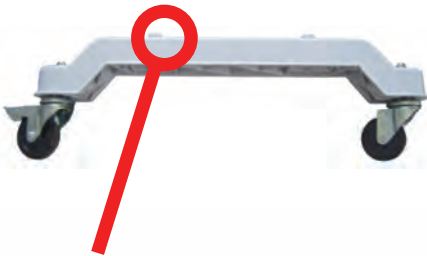
## INSTALLATION AND INITIAL SET-UP:

If the fan must be placed close to a wall or other obstacle, try to keep a distance of 2 to 3 feet between the wall or obstacle and the face of the cooling pads.

When placing the fan, take the following into consideration:

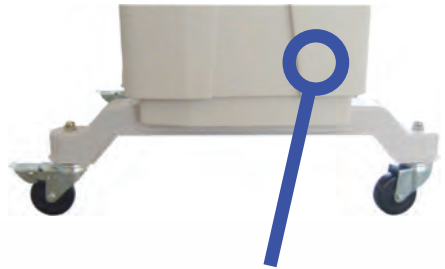
- a. Uninterrupted fresh air should be made available to the cooling pad side of the unit for best results.
- b. Avoid blocking the air output (front) side of the fan. Cool air released from the unit should be able to freely circulate.
- c. In order to prevent air from being re-circulated, ensure that the area to be cooled is properly ventilated.
- d. If your C-100 did not come with the truckles (the wheel assembly legs) attached, please see the below instructions on how to do so.

### Truckle Unattached



Truckle Attaching Points

### Truckle Attached



Finished Assembly

- 1) Take two sets the Truckles (above left, shown unattached).
- 2) Use the enclosed ST5×25 bolts to stable the assembled frame to the bottom of the water tank through the attaching points as shown on the left which will line up with corresponding points on the unit.
- 3) When completed, the finished truckle-body assembly area should look as shown above on the right.

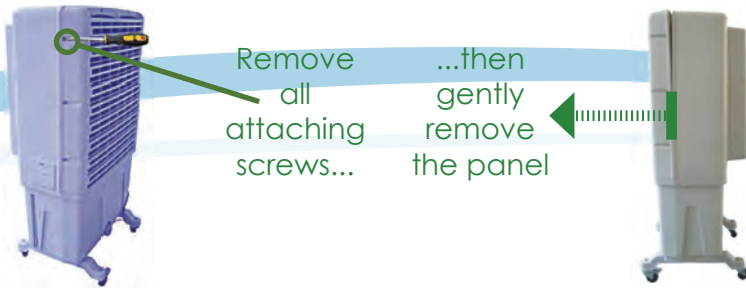
# Dust Screen & Side Panel

## ACCESSING THE DUST SCREEN AND SIDE PANEL

If you need to access the Dust Screen and Side Panel on your C-100, follow the instructions below.

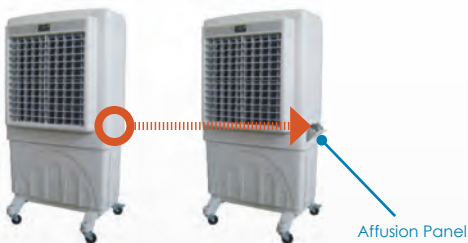
Using a Phillips ("crosshair") Screwdriver, as follows:

- Take the eight screws off the dust screen housing as shown in the picture below (left) .
- Once the eight screws are removed, gently remove the housing and side panel to access the two (2) dust screens
- Reverse the steps above and secure replace the housing to again use your Cool-A-Zone C-100.



## Managing the Water Reservoir

Filling is easy!



To fill your Cool-A-Zone C-100, simply open the Affusion Panel (above) and fill with water!

Drain with a twist!



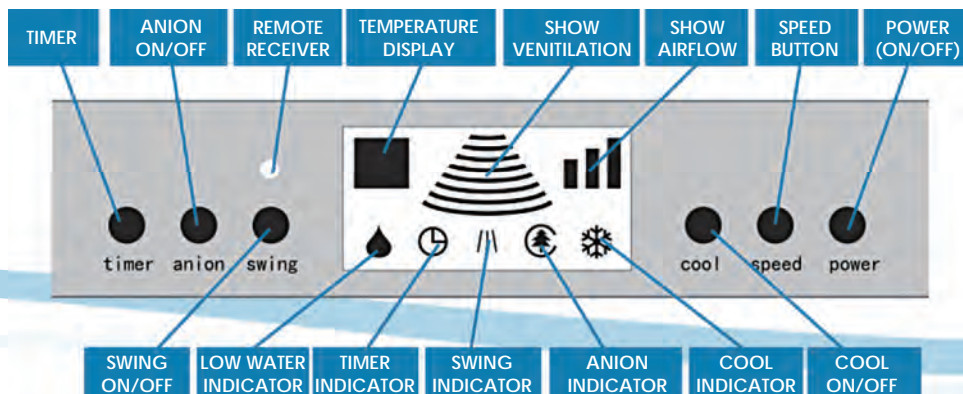
Draining is just as easy, turn the unit off, unplug, then turn the drain valve knob counter clockwise to empty the reservoir.

# LCD Button Panel

## THE LCD BUTTON PANEL

The Cool-A-Zone C-100 has a user-friendly and easy-to-use LCD indication panel with one-touch button features for activating, timing, setting, and full control of your C-100. The diagram below outlines what the various buttons and indicators mean. Note that the central area (in white below) is an indication panel, whereas the grey area denotes the buttons.

Pages 7 & 8 will go into detail on the various Buttons & Indicators.



## Remote Control

**POWER:**  
Turn the device on/off

**AIR SPEED CONTROL:**  
Increase or decrease air flow

**ANION CONTROL:**  
Start or stop Anion function

Not sure if you hit the right button?  
Always check the C-100 LCD indicator panel status lights to see.



**TIMER BUTTON:**  
Activates Timer feature.

**COOL:**  
Start or stop the Cool function

**VENTILATION:**  
Activates Ventilation function

**SWING:**  
Turns Swing function on/off

If the remote appears to not work, check to see if you have a clear line of sight to the C-100.

# Basic Operation

## INITIAL OPERATION

After ensuring the unit has adequate water for operation and that your C-100 has been plugged in, turn the Cool-A-Zone C-100 on by pressing the power button either on the LCD Panel face or as shown on the remote control on Page 5 of this manual.

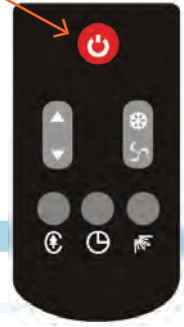
POWER:  
Turn the device on/off

Power Buttons may be found either on the right of the LCD Panel or on the Red Button of the remote control.

POWER  
(ON/OFF)

Before powering up,  
check the following:

- Is the unit level?
- Is the unit's air flow unobstructed?



## Notes on Powering "On"

### TURNING THE C-100 ON THE FIRST TIME...

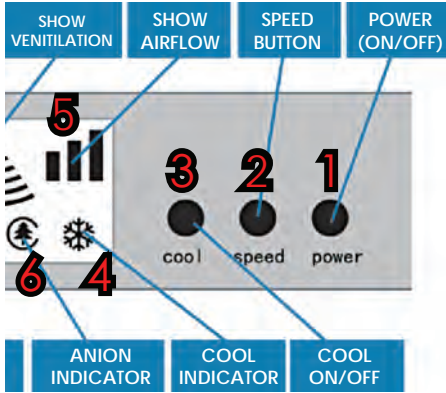
The C-100 Speed will be at Level 2 and the Cool Function will be listed as "On" the first time you power up your Cool-A-Zone C-100.

### PRESSING "ON" DURING STANDBY

Turning the unit on during a state of stand-by will power up the C-100 in the same mode and airflow setting in which it entered the stand-by mode. Make sure to adjust the settings as appropriate for your comfort after coming back from stand-by.

# C-100 Controls

## USING YOUR C-100



**1 - Power Button:** turns the unit ON or OFF.

**2 - Speed Button:** this controls the airflow. On first operation, the C-100 will be at SPEED 2 (there are three Speeds, 1 being the lowest and 3 being

the highest). Pressing again will take you up to SPEED 3, then pressing it again will bring you down to SPEED 1. The rate of speed will be reflected on the Airflow Indicator. **If using the remote control, simply hit the up or down arrows to control the airflow speed (see Page 5).**

**3 - The Cool Button:** switches the Cool-A-Zone C-100 from COOL to VENTILATION modes. One press will switch between the two functions. The COOL mode will activate the pump and water will be used to evaporatively cool, "whereas" the VENTILATION mode will simply circulate the air and deactivates the pump. **If using the remote control, there are one button each for the COOL and VENTILATION modes (see Page 5).**

**4 - The Cool Indicator:** When lit, this indicates that the Cool-A-Zone C-100 is in COOL mode. When unlit, this indicates the Cool-A-Zone C-100 is in VENTILATION mode.

**5 - The Airflow Indicator:** The lowest bar indicates SPEED 1, the middle bar indicates SPEED 2, and the highest bar indicates SPEED 3.

**6 - The Anion Indicator:** When lit, the Anion function is ON, when unlit, the Anion function is OFF.

# C-100 Controls (cont'd)

## USING YOUR C-100

### 7 - Timer Button:

Activates the C-100 TIMER feature, allowing you to either start the unit from a start-up set after a certain number hours or

stop the unit after a certain number of hours. More on this function on Page 9.

8 - Anion Button: Turns the ANION function ON or OFF, as indicated by the Anion Indicator.

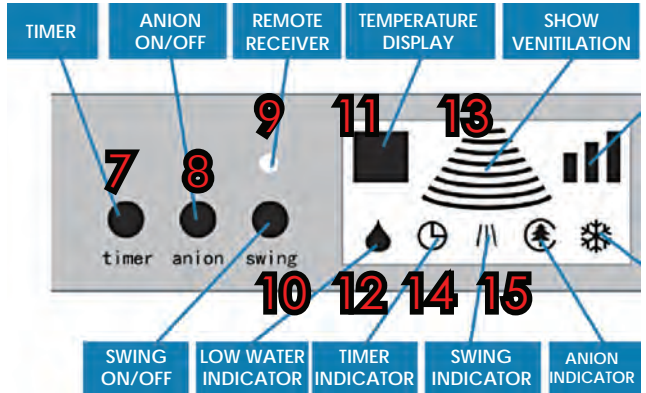
9 - Remote Receiver LCD: Indicates a command received from the remote control.

12 - Low Water Indicator: This warning light will let you know when it is time to refill your C-100, and if the water gets too low, a buzzer will sound and the COOL mode will stop. No buzzer will come on if you are in VENTILATION mode.

13 - Show Ventilation Indicator: Indicates the level of ventilation being used by the C-100.

14 - Timer Indicator: When lit, indicates the TIMER function is active.

15 - Swing Indicator: When lit, indicates the C-100 SWING function is active.





# Using the C-100 Timer

## WHAT THE TIMER FUNCTION DOES:

1. Starts your Cool-A-Zone C-100 cooler automatically after *n* hours from the stand-by state; **OR**,
2. Stops your Cool-A-Zone C-100 cooler automatically after *n* hours after being turned ON.

*Note: the TIMER function can only be set by the hour.*

## USING THE TIMER:

1. Press the TIMER button.
2. You will notice that the TIMER button begins to flicker & you will see that "H x" appears in the TEMPERATURE display.
3. To increase the number of hours, hit the SPEED button on the panel **or** Increase Airflow button on the remote control.
4. You **cannot** set the timer for more than **9 hours**.
5. Once the desired hours are set, **do not press any other buttons**, after 5 seconds the TIMER will activate.

## DISABLING THE TIMER:

1. Press the TIMER button.
2. Set the number of hours to "0";
3. If you wish, you can also hit the POWER button **while** the TIMER button is flickering.
4. Alternatively, you can hit the POWER button after the TIMER has activated, and then hit the POWER button again.

When in Stand-By mode, the TIMER function will count down to power ON the C-100. If the C-100 is already on, the TIMER function will count down to turn OFF your C-100 unit.

# Routine Maintenance

## THE FOLLOWING ARE BEST PRACTICES FOR MAINTAINING YOUR C-100:

1. Shell Cleaning: We recommend soap & water or a mild cleaner with a soft cloth. Avoid abrasive cleaners or alcohol-based chemical cleaning agents.
2. Pad Cleaning: it is recommended you remove the pad and clean using a soft brush once every two weeks (more frequent if being in used in a dust-heavy environment).
3. Draining the Tank: We generally advise you drain water at the end of every day's use to increase longevity.
4. Tank Cleaning: we recommend that the tank be cleaned by hand on a schedule that suits your needs best, especially in more humid climates or dust-heavy environments.
5. Storing the C-100: if you have been using your C-100 and need to store it, please ensure that you have cleaned & dried your tank, cleaned the drain outlet, cleaned the pad & shell, and store covered until needed again.

**Ensure that when doing any cleaning or maintenance, that your Cool-A-Zone C-100 unit is powered OFF and UNPLUGGED!**

# Basic Troubleshooting

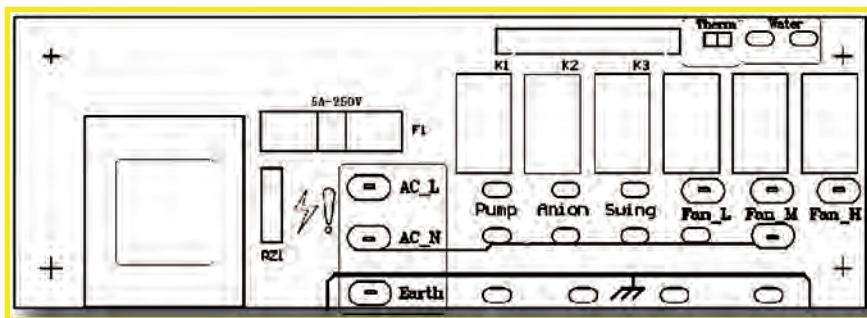
No.	Issue	Possible Cause	Solution
1	The C-100 Will Not Power On	Unplugged or faulty power source.	Check if C-100 is plugged in, and outlet is working.
		Burnt Fuse.	Replace Fuse.
		Controller breakdown.	Replace Controller.
		Electrical Mainboard is broken or faulty.	Replace Mainboard.
2	The Air is Not Cool	Low or no Water.	Add water.
		VENTILATION Mode is activated.	Activate COOL Mode.
		COOL button not working.	Replace Controller.
		Pump breakdown.	Replace Pump.
		Electrical Mainboard is broken or faulty.	Replace Mainboard.
3	No Airflow Detected	Airflow button not working.	Replace Controller.
		Fan Motor breakdown.	Replace Motor.
4	Odd or Unpleasant Odor	Dirty or stale water is in the Water Tank.	Clean Water Tank thoroughly, replace with fresh water.
		Dirty Pad.	Clean the Pad.

**You may also email [info@coolazone.com](mailto:info@coolazone.com) or call 888.827.1675**

## DEBUGGING AND INSTALLATION CHECKLIST:

1. Inspect drain pipe for stable connection and assembly.
2. Check the water supply to be sure there is no leakage.
3. Check if the power supply connection is plugged in properly.
4. Check for debris in the water tank.
5. Check for any foreign matter in the air compressor.
6. Ensure that your outlet is properly rated / power source is correct.
7. Check for any shaking or odd vibrations when running the C-100.

# Circuitboard Diagram



**DISCONNECT  
POWER  
BEFORE  
WORKING  
WITH THE  
FUSES OR  
CIRCUIT  
BOARD!**

Cool-A-Zone can not be held liable for any modifications made to the above circuit diagram by any party, whether purchaser or third party.

The above diagram is provided as a reference point only for trained and skilled professionals and journeymen who have the knowledge to read circuit diagrams, understand their meaning, and make such adjustments to fuses, circuits, and the like.

We recommend you contact Cool-A-Zone at [info@coolazone.com](mailto:info@coolazone.com) if you have any questions.

## C-100 Specifications

### C-100 Fast Facts



#### Three Speeds

Cooling Capacity	900 sq. ft.
Maximum Air Delivery	3,531 CFM
Fan Type	Axial
Water Reservoir	21 gallons
Width	30 in. / 76 cm
Height	55 in. / 140 cm
Depth	23 in. / 58 cm
Unit Weight	62 lbs. / 28 kg
Shipping Weight	72 lbs / 35 kg
Noise Level	<62 db

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