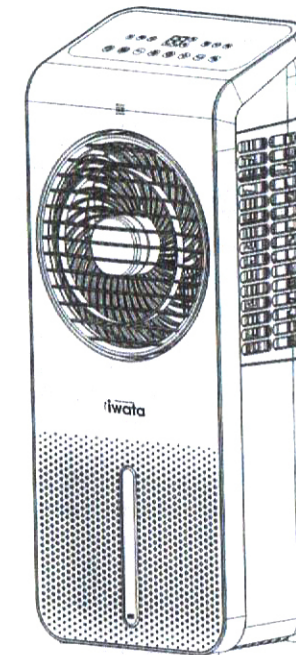




## AIRCOOL Z27



For After-sales service:

Berton's Place #46 Sta. Rosa St. Barangay Manresa Quezon City, Philippines.

Tel Nos. 8442-3856; 8442-3866; 3448-7674; 3412-6155; 3413-9503;  
8282-5049; 8282-5098

Email: iwata@colentco.com, iwata2@colentco.com,  
iwata3@colentco.com, sales\_mktg@colentco.com

Website: [www.colentco.com](http://www.colentco.com)

## INSTRUCTIONAL MANUAL

Thank you for your trust and support, and buying our latest multifunctional luxury air cooler.

For your better use of this product, please read the User Guide carefully before use, in order to play the best performance of the device; and keep this User Guide properly for future reference. We hope that our product can give your life convenience and fun.

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## I. Safety Warnings and Precautions

In order to avoid the danger caused by operation errors and to use the machine more conveniently, please read the product instruction manual before use.

1. This product is only for indoor use.
2. When using this machine, you must use a qualified power outlet that has been checked and met the requirements. Please confirm the voltage used when relocating.
3. 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.
4. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
5. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
6. Unplug the appliance during filling and cleaning.
7. Do not touch the power cord plug with wet hands, there is a danger of electric shock.
8. When unplugging the power cord, do not pull the wire.
9. Do not fold or place heavy objects on the power cord.
10. It is strictly forbidden to insert foreign objects such as wooden sticks and metal sticks into the air inlet and outlet, which will cause leakage, short circuit and the possibility of product damage.
11. Do not spray pesticides and flammable sprays around the product, which may damage the product.
12. Avoid blowing the product air outlet directly to children for a long time, which may cause children to get sick or affect their health.
13. When using, make sure that the plug of the power cord is free of foreign objects, and insert the plug completely.
14. Abnormal handling. When the product has peculiar smell and abnormal sound during use, please stop using it immediately and unplug the power supply.
15. After adding water to the machine, do not tilt or collide when placing or moving it to prevent splashing. If the product has been dumped and there is water in the machine, unplug it immediately and wait for 24 hours to dry before turning it on.
16. The water level of the water tank should not exceed the maximum water level line. When the refrigeration and humidification functions are



turned on, the water level in the water tank should not be lower than the minimum water level line.

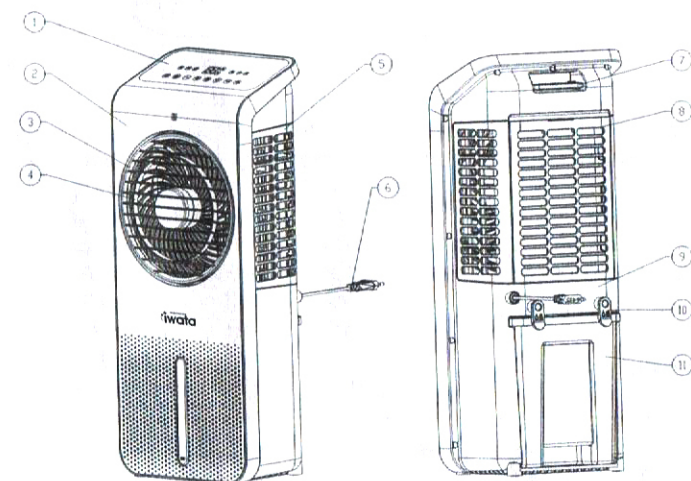
17. When the water tank of the product is full of water, do not grab the handle to lift the whole machine, otherwise the water in the water tank will overflow, you can only push the handle to move the product, and only when it is confirmed that there is no water or very little water in the water tank, you can grab the handle to move the product. Lift the whole machine.
18. When humidifying, it is strictly forbidden to disassemble and assemble the air filter net and the wet curtain bracket, which will cause water droplets to spray out of the air outlet.
19. When going out or not using the machine for a long time, you must turn off the machine and pull out the power cord plug from the socket.
20. If the product fails, please send it to the repair station or notify the after-sales service center, and do not disassemble or replace the parts without authorization. Arbitrary disassembly and modification will affect the safety of the product.
21. Do not ingest battery, Chemical Burn Hazard;
22. This product contains a coin / button cell battery. If the coin / button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death;
23. Keep new and used batteries away from children.
24. If the battery compartment does not close securely, stop using the product and keep it away from children.
25. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
26. The batteries contain materials, which are hazardous to the environment; they must be removed from the appliance before it is scrapped and that they are disposed of safely
27. Be aware that high humidity levels may encourage the growth of biological organisms in the environment.
28. Do not permit the area around the humidifier to become damp or wet. If dampness occurs, turn the output of the humidifier down. If the humidifier output volume cannot be turned down, use the humidifier intermittently. Do not allow absorbent materials, such as carpeting, curtains, drapes, or tablecloths, to become damp.
29. Never leave water in the reservoir when the appliance is not in use.
30. Empty and clean the humidifier before storage. Clean the humidifier before next use.

## II. FUNCTIONS

1. On/off: separate on/off key;
2. Wind speed: 1, 2, 3... 24 wind speeds;
3. Wind mode: normal /natural/sleep wind;
4. Wind direction: the swing blade rotates 360° to supply air;
5. Timing shutdown function: timing is 1-12H (within 3% timing tolerance);
6. Water pump cooling/humidification function;
7. Water shortage alarm function;
8. Touch button control;
9. Dry air function;
10. With remote control function (infrared distance greater than or equal to 6 meters);
11. Fully pumped water tank, easy to clean;
12. Spray water circulation refrigeration technology, large water circulation, faster cooling;
13. Circulating fan blades, air supply farther

## III. COMPONENT

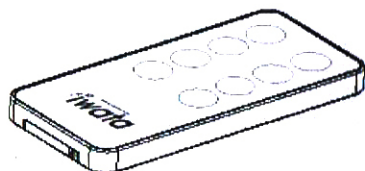
### • Structure



1. Touch button control PVC
4. Air duct
7. Remote control
10. Power cord bracket

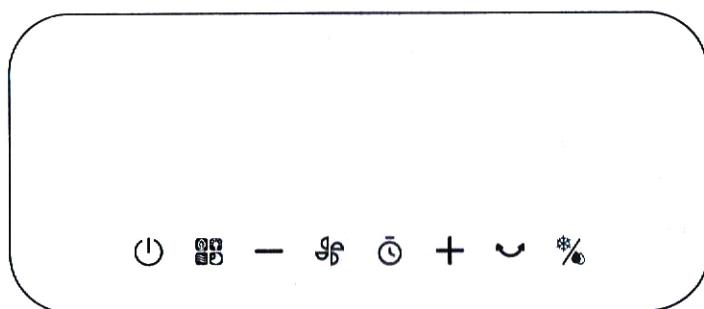
2. Front shell
5. Side filter
8. Back filter
11. Water tank
3. Front grill
6. Power cord
9. Back shell

Affix: Remote control



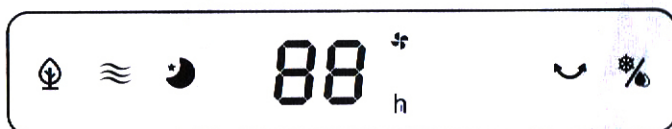
Remote control

- Control panel diagram



- 1、ON/OFF “”
- 2、MODE “”
- 3、WIND SPEED/TIME MINUS “”
- 4、SPEED “”
- 5、TIMER “”
- 6、WIND SPEED/TIME PLUS “”
- 7、SWING “”
- 8、COOLER/HUMIDIFIER “”

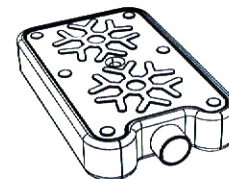
- Display panel diagram



- Remote control diagram



- Ice pack



- Usage of ice pack:

Ice pack has the feature of cold storage and heat preservation. It can slowly absorb heat from the water ,leaving the water temperature in the water tank always lower than the environment temperature for several hours. Under the effect of the ice pack, the air blow out turns cooler.

1. Put the ice pack into the refrigerator to freeze it completely.
2. Put the frozen ice pack into water tank from the injection place, then push the water tank back. After 10 minutes, the temperature in the water tank will lower than the environment.
3. The machine is equipped with two ice packs, which can be used continuously.
4. Do not open the ice pack, so does swallow.



## IV. Product installation and usage






### • Installation method

The product can be used directly after unpacked (without installation).




### • Usage of various function buttons

Plug in the power supply, and after the buzzer "BiBi~" sounds twice for the first time, it enters the standby state, all function indicators are off, and nothing is displayed. Except for the "⏻" on/off key, pressing other keys is invalid.

#### 1. "⏻" On/Off key:

- 1) In the standby state, press the "⏻" on/off key to turn on the power; no swing, no timing; the initial default state is:
  - a. Wind speed: Low speed runs, and the Led\_  corresponding light on. (The digital tube displays 8 setting)。
  - b. Cooling: off, Led\_  does not light up.
  - c. Mode wind: normal wind operation, Led\_  on.
  - d. Time: no timing, Led\_  does not light up.
  - e. Swing: off, Led\_  does not light up.
- 2) In working status, pressing the "⏻" On/Off button, all functions off, the machine enters in standby state.

#### 2. "⏻" Mode key:

In the power-on state, press the "⏻" key to switch between normal wind, natural wind and sleep wind. The switching sequence is as follows: normal wind → natural wind → sleeping wind → normal wind..., normal wind LED 、natural wind LED 、sleeping wind LED  lights up accordingly, and the digital tube also displays the corresponding setting.

Press and hold the " " button for 3 seconds to enter the screen-off state. When switching from normal wind to natural wind or sleep wind, if the current gear is 1-8 settings, it will be a low windshield after switching (the digital tube displays 8 settings);

If the current gear is 9-16 settings, it will be mid-range wind after switching (digital tube displays 16 settings); if the current gear is 17-24 settings, it will be high-grade wind after switching (digital tube displays 24 setting).

**Normal wind:** The fan motor runs at a fixed speed according to the fan speed gear set by the user.

**Natural wind:** The fan motor runs irregularly according to the preset program, and can be set to three types of natural wind: low, medium

and strong with the wind speed button. Natural wind is to imitate the wind blowing effect of nature, making the air volume softer and more comfortable. The wind speed settings indication only shows the initial wind speed status.

**Sleeping wind:** The fan motor performs a timing downshift according to the wind speed setting set by the user and according to the rules preset by the program. This mode prevents people from falling asleep due to too much wind and causes physical discomfort; the following are the set settings and sleep mode Operation mode after the wind is turned on.

The following picture shows the working principle of low natural wind mode, medium natural wind mode and high natural wind mode

**Sleeping wind:** The motor runs at the speed set by user, and downshifts regularly according to the preset laws of program. This mode could well prevent the wind being too strong to discomforting people after sleep. The following are the set speeds and the corresponding running ways of sleeping wind mode.

**High speed and sleeping mode on:** First runs 30 minutes in high speed normal wind, then 30 minutes middle normal wind, and last switches to low speed normal wind.

**Middle speed and sleeping mode on:** First runs 30 minutes in middle speed normal wind, then switches to low speed normal wind.


**Low speed and sleeping mode on:** Low speed, normal wind runs.

In the sleep wind mode, the wind speed indicator light of the corresponding gear changes with the switch of the normal wind mode. (For example: turn on the sleeping wind under the mid-range wind speed, and automatically switch to the low-range normal wind after the mid-range normal wind runs for 30 minutes. At this time, the mid-range wind speed indicator light will be off and automatically switch to the low-range wind speed indicator light.)

#### 3. "—" Wind speed/Time minus key:






In the power-on state, after pressing the time key or the fan speed key, press this key again to adjust the timing function and fan speed gear. The timing step is 1H. In normal wind mode, the wind speed step is 1 gear, which can be adjusted quickly by long-pressing; in natural wind and sleep wind mode, the wind speed step is 8 gears.

#### 4. "⏻" Speed key :




- 1) In the power-on state, press the button, the LED  lights up, and then press the " + " and " — " buttons to adjust the wind speed in 1-24 settings. The adjustment does not cycle, and the step length is 1 setting. (In natural wind and sleep wind mode, the steps are 8



settings, which are 8, 16, and 24 settings respectively, indicating low, medium and high wind speeds), and the digital tube **88** displays the corresponding settings.

- 2) If the setting adjustment key is not operated for 5 seconds or other keys (except the power button) are pressed within 5 seconds, the setting will be exited and the currently set wind speed setting will be determined.
- 3) Dry air function:
  - a. In the power-on state, press and hold the "  " button for 3s to enter the dry air function, start the high-end air, the Led\_  light flashes, and it continues to run for 20 minutes;
  - b. During the operation of the dry air function, except for the "  " fan speed key and the "  " on/off key, other function keys are invalid. (Long press the "  " key for 3s to exit the dry air function)
  - c. After the high-grade wind runs for 20 minutes, the machine will automatically shut down and enter the standby state.


#### 5. " "Timer key:

- 1) In the power-on state, press the "  " key to enter the timing and the timing LED **h** lights up, the time selection range is 1-12 hours, and then press the "  " and "  " keys to adjust the working time set by the machine up and down, the adjustment does not cycle, The timing setting range is 1-12H, and the step size is 1H. The digital tube flashes and displays the set working time. If the set working time is 0, the timing setting will be canceled.
- 2) If the timing adjustment key is not operated for 5 seconds or other keys (except the power button) are pressed within 5 seconds, the timing setting will be exited and the currently set time will be determined.
- 3) After the timing setting is over, the digital tube will alternately display the current remaining working time and the current wind speed gear every ten seconds.
- 4) After the timing is over, the machine will shut down and enter the standby state. The timing error of the machine is  $\pm 3\%$ .



#### 6. " " key:

In the power-on state, after pressing the timing key or the fan speed key, press this key again to adjust the timing function and fan speed gear. The timing step is 1H. In normal wind mode, the wind speed step is 1 setting, which can be adjusted quickly by long-pressing; in natural wind and sleep wind mode, the wind speed step is 8 settings.

#### 7. " "Swing key:

In the power-on state, press the "  " button, the stepper motor drives the front grill to rotate, and the page can be switched on and off, so as to turn on or off the swing wind function.

#### 8. " "Humidifier key:


In the power-on state, press the "  " key to switch the cooling and humidifying on and off, and the corresponding indicator LED  lights up, which can control the opening and closing of the water pump in the machine. The water curtain can cool the air passing through the water curtain to achieve the cooling effect.

#### 9. Water shortage alarm power-off protection:

After the pump works for 45s, the software detects that the water level switch is disconnected (short of water) for 5s (total 50s), then the pump stops working, and the buzzer sounds "BiBi" 10 times.

#### 10. After 1 minute of no operation, the brightness of the indicator light will decrease to 30% of the original brightness. If the button is pressed again, the indicator light will return to the original brightness.

#### 11. With remote control screen function:

The related operations of the remote control are the same as those of the touch panel, and the screen-off function: long press the "  " button on the remote control for 3 seconds to enter the screen-off state.

#### • Refilling water

If you need to turn on the refrigeration and humidification function, please add water to the water tank. Before adding water, first open the lock knob of the water tank, after the water tank is drawn out, slowly inject the water into the water tank (Chart I, II, III, IV): After adding water, put the water tank back, and then lock the lock knob of the water tank again.

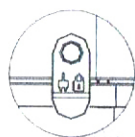
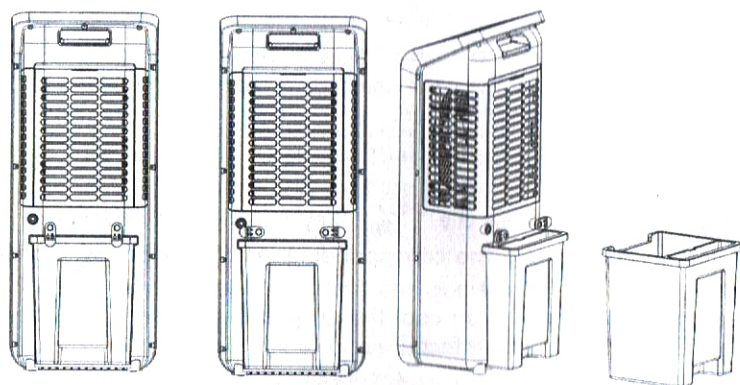


Chart I

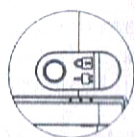


Chart II

Chart III

Chart IV

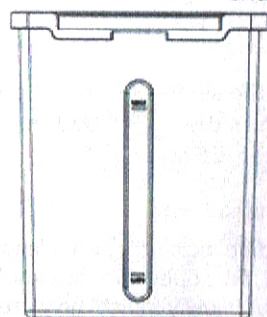
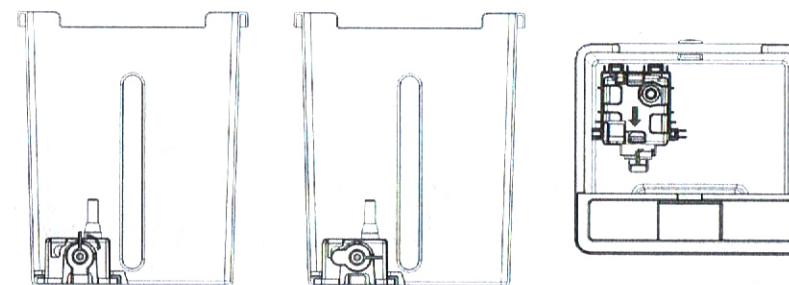


Chart V

Pay attention to the water level when refilling water . (Chart V)



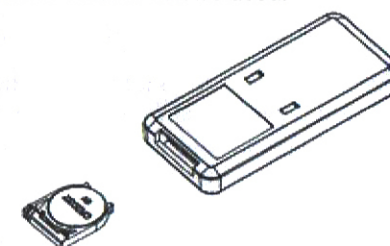
Schematic diagram of disassembly and assembly of water pump bracket

1. When adding water, please be careful not to exceed the maximum water level line and not lower than the minimum water level line.
2. Be sure to use clean tap water.
3. Warm reminder: When the machine is used for the first time, if there is a slight smell, the water in the water tank will have a slight discoloration, which is a normal phenomenon, non-toxic and harmless, and will not affect your health.

• **Remote Control:**

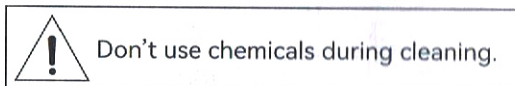
Open the battery cover at the back of remote controller, install a battery of Mode 3V CR2032 in it, then you can use it.

1. Opening method of battery cover: first press and hold in the direction of arrow 1 as shown in the picture to make the battery cover snap away, and then pull out along the direction of arrow .
2. When using, please aim at the receiving head.
3. When the battery is used up, pull out the battery cover according to the direction shown in the picture and replace it with a new battery (CR2032 3V). When replacing the battery, please pay attention to the positive and negative poles of the battery; after the battery cover is reset the remote control can be used.





## V. Cleanness and Maintenance



- Turn off the power and unplug the power plug.



Please be sure to unplug the power line during cleaning, otherwise it may cause electric shock.

- **Water Tank cleaning**

1. Unplug the power supply, turn the bobbin lock knob to the horizontal direction, and pull out the water tank.
2. Wipe off the scale in the water tank with a towel dipped in a little detergent, then rinse with water and then pour out the sewage.

- **Body surface cleaning**

1. To clean the surface of the body, just wipe it with a damp cloth. It is strictly forbidden to directly rinse it with water.
2. Do not use corrosive detergents or solvents for cleaning.
3. Be sure to turn off the power switch and unplug the power cord when cleaning the body, otherwise there may be electric shock.

- **Install and use after cleaning**

1. Install the cooling pad assembly, water tank, etc. in order to ensure that the installation is correct.
2. Connect the power supply to confirm that the product is working properly.

- **Maintenance**

1. When the product is not used for a long time, unplug the power plug, pack the product and prevent dust from entering the body.
2. Before packaging, make sure that the cooling pad, filter, etc. are dry, and there is no water in the water tank.

## VI. Specification

|                         |   |
|-------------------------|---|
| Product Model           | AIRCOOL Z27   |
| Rated voltage           | 220V  |
| Rated frequency         | 60Hz  |
| Rated power             | 24W   |
| Noise(High speed)       | ≤ 55dB  |
| Rated evaporation       | 400mL/h   |
| Energy efficiency ratio | 10W/W   |
| Product size            | L263.9mm×W210.6mm×H644.4mm  |
| Net weight              | 3.3±0.5Kg   |
| Packing weight          | 4.6±0.5Kg (Included the weight of two standard medium-sized ice pack) |
| Application environment | Relatively humidity less than 95% (25°C)                              |

## Environmental Protection



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.