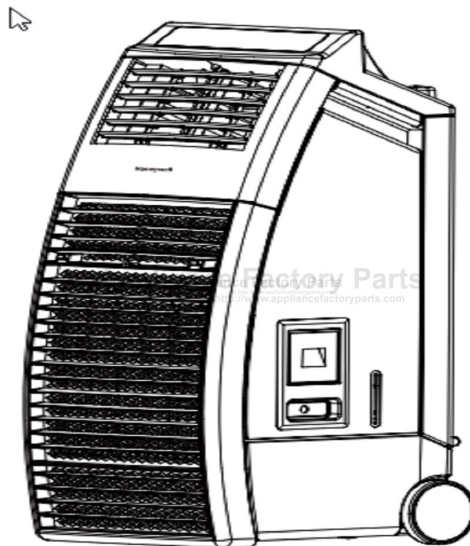


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# HONEYWELL C0301PC Owner's Manual

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----- Manual continues below -----

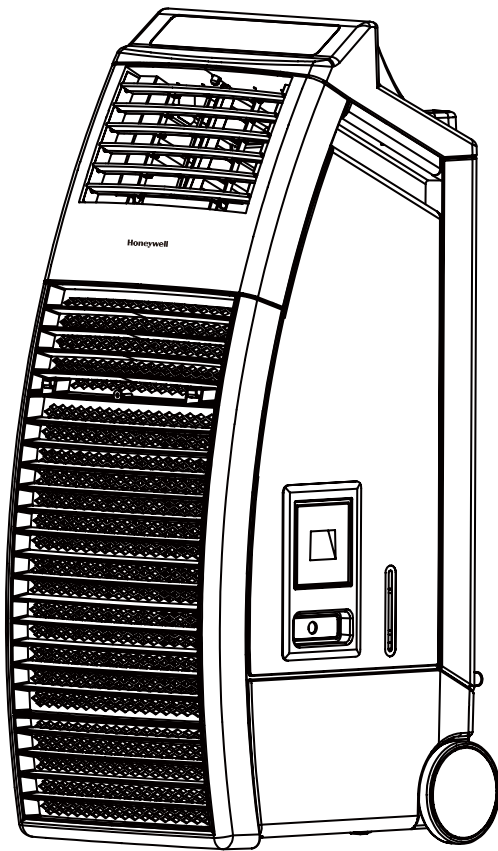
# Honeywell®

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## Portable Evaporative Air Cooler

### OWNER'S MANUAL

Read and save these instructions before use



**Model: CO301PC**

Power rating: 270 Watts  
Voltage rating:  
220-240 Volt, 50Hz

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Made in P.R.C.

# INDEX

Read all instructions carefully before setting up and operating the unit, and please keep this instruction manual for future reference. This manual is designed to provide you with important information needed to setup, operate, maintain, and troubleshoot your cooler. Failure to follow these instructions may damage and/or impair its operation and void the warranty.

SECTION	PAGE
1. THANK YOU .....	2
2. USER TIPS .....	3
3. SAFETY RULES .....	5
4. PARTS DESCRIPTION .....	7
5. USE & OPERATION .....	8
Control Panel Functions .....	8
Fill Water .....	10
Remote Control .....	12
Operating the Unit .....	13
6. CLEANING & MAINTENANCE .....	14
7. TROUBLESHOOTING GUIDE .....	16
9. TECHNICAL SPECIFICATIONS .....	18
9. ELECTRICAL WIRING DIAGRAM .....	18

# THANK YOU

## THANK YOU!

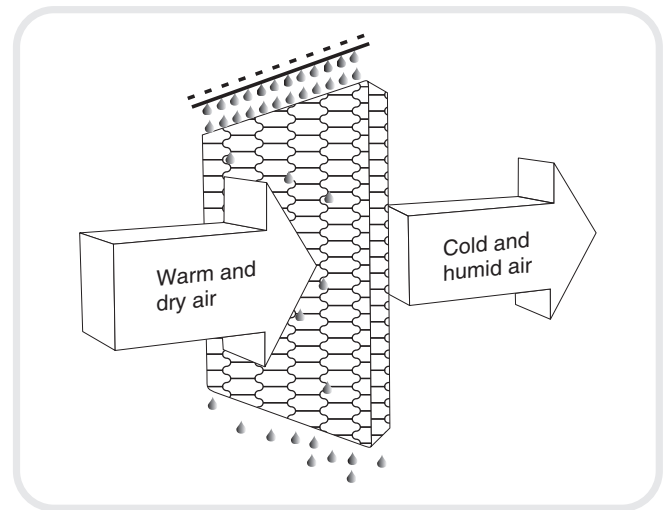
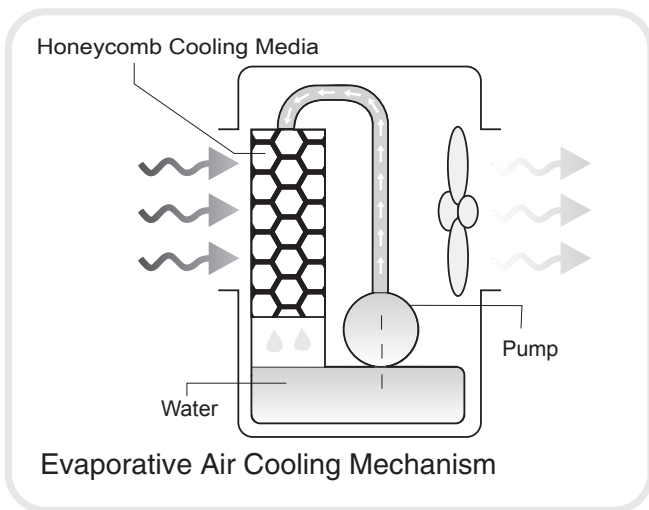
Congratulations on your purchase of this versatile Honeywell Evaporative Air Cooler. For optimum cooling performance from your unit, fill the water tank with water & ice (if available) to increase its cooling power.

Please read these instructions carefully.

COOL ~ EFFICIENT ~ NATURAL

Evaporative air cooling is the natural way of cooling, similar to a breeze blowing across a lake. This breeze drops the temperature and has a relaxing cooling effect.

The evaporative air cooler cools the air by means of the evaporation of water. When water evaporates into the air, the result is a mixture of air and water molecules. This chemical change requires heat which is taken from the water molecules, resulting in cooler air propelled from the unit.

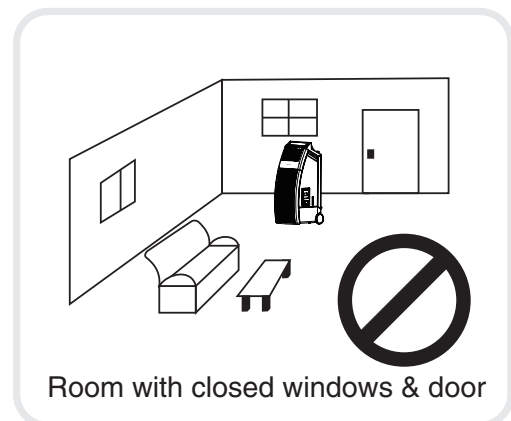
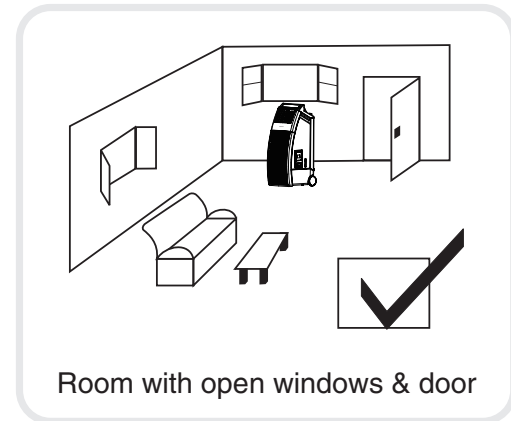


## USER TIPS

The recommended maximum relative humidity level is 60% or less, which allows a noticeable temperature decrease. The temperature decrease will be greater in drier climates because higher evaporation occurs when the humidity is low.

The evaporative air cooler must be kept at floor level and there must be water in the water tank. The room should have doors and windows opened to allow free air flow. The evaporative air cooler works best when placed near an open window, so that outside air is drawn into the evaporative air cooler, the air circulates in the room, then exits via the door. The maximum cooling effect is felt when a person is in the flow of air coming out of the evaporative air cooler.

The evaporative air cooler can also be used to humidify dry air during cool weather. To be used for humidification the windows and doors should be closed to allow the humidified air to accumulate. The evaporative air cooler is not an air conditioner as it does not use a compressor or refrigerant gas. It should not be expected to cool as efficiently as a refrigerated air conditioner.



### NOTE

When the product is used for the first time the Honeycomb cooling media will have an odour which will dissipate in a week or so of initial use.



## SAFETY RULES

### READ AND SAVE THESE INSTRUCTIONS:

When using electrical appliances, basic safety precautions should always be followed:

- Your cooler runs on 220-240 Volt AC, 50 Hz current. Check the household voltage to ensure it matches the appliance's rate specification.
- Before operating the product remove it from its packaging and check it is in good condition.
- DO NOT operate any product with a damaged cord or plug. We recommend not using an extension cord with this appliance.
- DO NOT run power cord under carpeting, or cover it with rugs or runners. Keep the cord away from areas where it may be tripped over.
- Always unplug the product before refilling the water tank.
- Always unplug the appliance from the power source before cleaning, servicing or relocating the unit.
- Remove the power cord from the electrical receptacle by grasping and pulling on the power cord plug-end only, never pull the cord.
- DO NOT use the product in areas where gasoline, paint or other flammable goods and objects are stored.
- When using the "COOL" setting, please check the water tank to ensure it is full. Operation of this unit on the "COOL" setting with an empty tank may result in damage to the water pump.

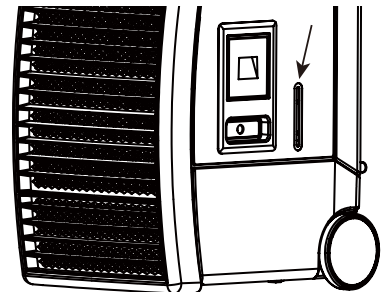


220-240 Volt, 50 Hz

SHOCK HAZARD

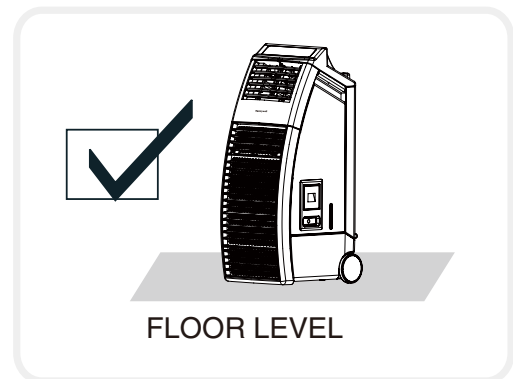


WATER LEVEL INDICATOR

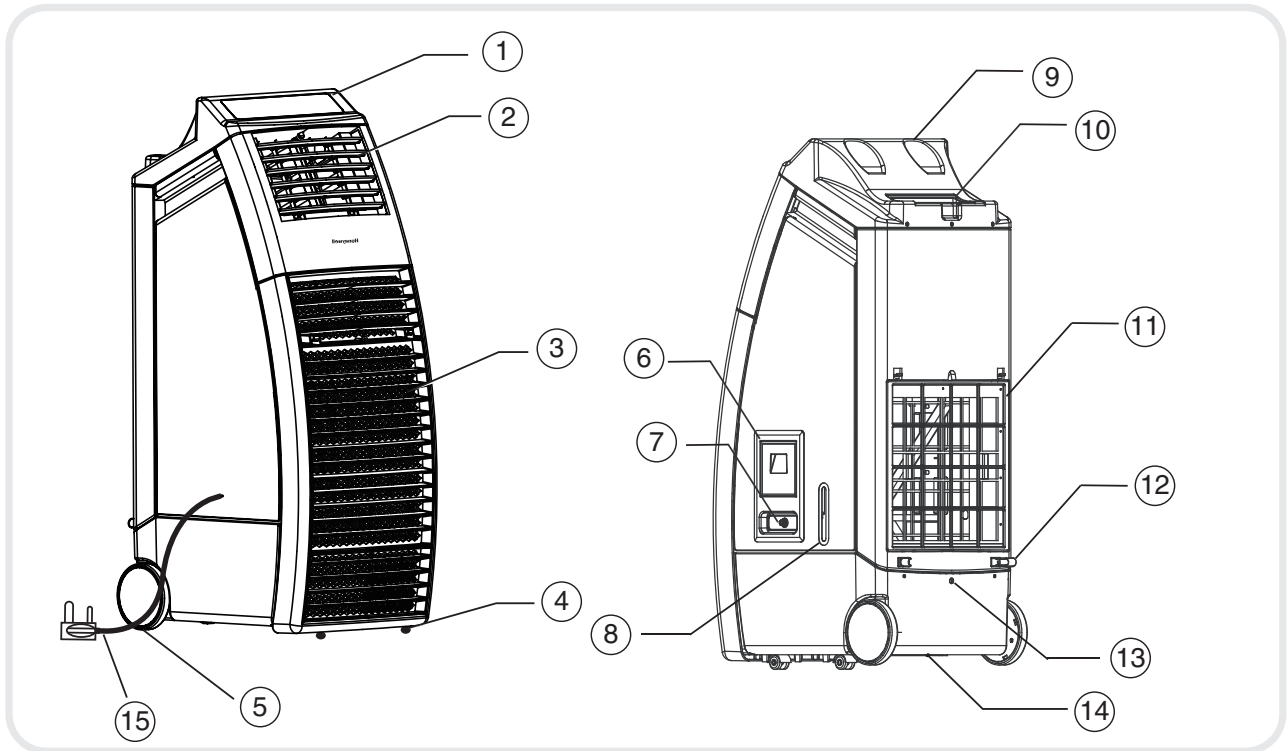


## SAFETY RULES

- DO NOT attempt to repair or adjust any electrical or mechanical functions of the cooler, as this may void the warranty.
- DO NOT cover the air inlet or outlet on the appliance as this may cause motor damage.
- DO NOT insert or allow objects to enter any ventilation or exhaust opening as this may damage the product and could cause an electrical shock or fire.
- DO NOT operate with the Honeycomb media removed as this will overload and damage the motor.
- DO NOT leave the appliance operating unattended for any extended period of time.
- DO NOT let children play with this appliance, packaging or plastic bags.
- If the unit is damaged or it malfunctions, do not continue to operate it. Refer to the troubleshooting section and /or seek professional advice.
- Place the unit on a level floor.
- This product is not intended for use in wet or damp locations.
- Never locate the product where it may fall into a bathtub or other water container. DO NOT use in bathrooms or outdoors.
- When the unit is not in use always store in a dry area.
- This appliance is not intended for use by persons (including children or elderly) 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.
- Always grip the side handles to move the unit.
- If the power cable is damaged, keep away and avoid danger. Replacement of the cable must be performed by the manufacturer or its service/maintenance company or by a trained and authorized service provider.



## PARTS DESCRIPTION

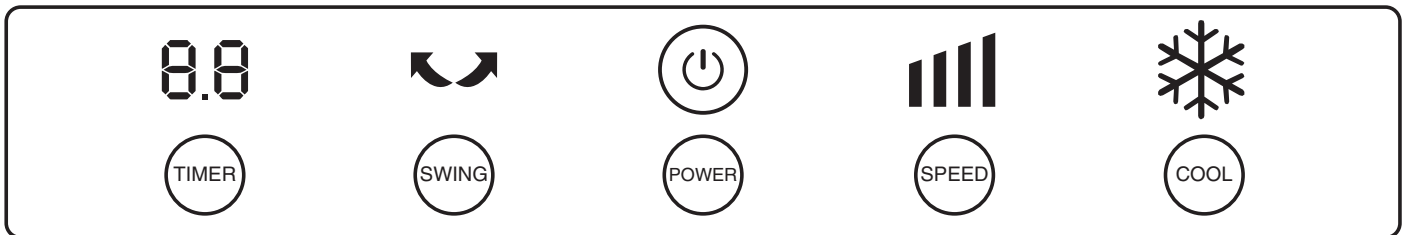


1. Control Panel
2. Outlet Louvers
3. Front Pad Cover
4. Casters
5. Wheels
6. Water Fill Door
7. Hose Adapter

8. Water Level Indicator
9. Can Holders
10. Top Storage Compartment
11. Rear Pad Cover
12. Cord Wrap
13. Overflow Hole
14. Drainage cap
15. Power Cord & Plug

# USE & OPERATION

## CONTROL PANEL FUNCTIONS



### TIMER : 8.8

Press the "TIMER" button until the indicator light comes on to your desired timer. Once the set time has passed, the unit will automatically shut off. The Timer function allows you to program the unit for 0.5 to 8 hours OFF timer.

### SWING :

Touch SWING button on the touchscreen panel to turn on the automatic swing function to direct the air stream. The louvers will begin to move automatically from side to side.

### UP - DOWN AIRFLOW:

To adjust the vertical direction of air flow, adjust the horizontal louvers manually.

### POWER :

Power On:

1. Connect the cord to a power outlet. the unit will start on Stand-by mode, indicated by a "beeping" sound and amber power display.
2. Touch POWER to turn the unit on. The blue outer power circle will light up and the TIMER will display 0.0. The FAN will then turn on at HIGH speed for a few seconds then automatically turn down to LOW speed.

Power Off:

Touch POWER for 2 seconds to turn the unit off.

### SPEED:

Touch SPEED to change fan speed between HIGH and LOW as displayed in incremental bars HIGH and LOW.

### COOL:

To use the unit as an evaporative cooler, touch COOL on the touchscreen panel. The pump will turn on and distribute water to wet out the cooling pad.

### LOW WATER LEVEL WARNING FEATURE :

The CO301PC features low water level warning function. Whenever water is below minimum level, the COOL display will continuously flash and a warning sound will beep for 10 seconds. At that moment, the pump will be shut off to protect the life of the pump. Refill the reservoir with fresh water and turn on the COOL function to enjoy the cool air again.

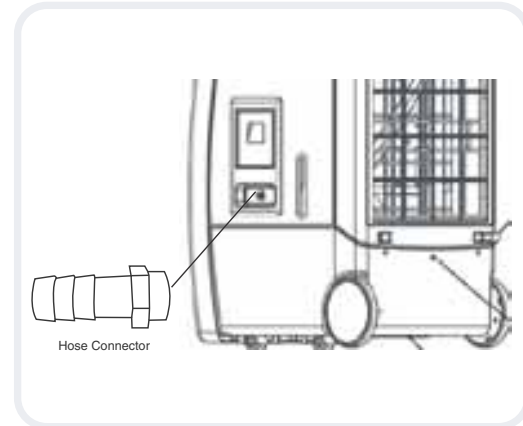
### SAFETY LOCK: +

CO301PC features safety lock function to prevent unintentional changes in function when the touchscreen panel is touched accidentally.

1. To lock the unit at the selected setting, touch POWER and the COOL at the same time and hold until power icon on the display turns off.
2. To unlock the unit from the safety lock setting, touch POWER and COOL at the same time and hold until power icon appears on the display.

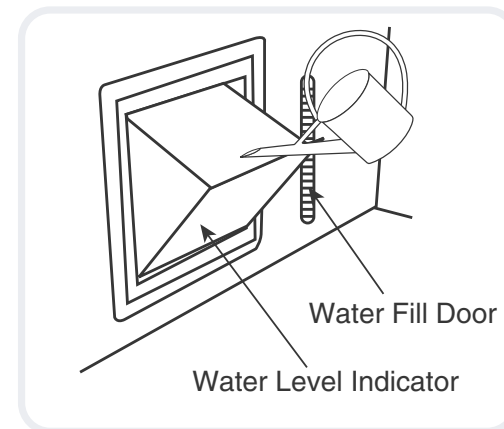
## FILL WATER ( Continuous Water Supply Connection)

- Connect a garden hose to the hose adapter securely. Make sure hose adapter seal washer is evenly set inside the adapter.
- Connect water supply to the garden hose, and turn on water supply.
- Water inside the tank will automatically refill once, it reaches the Min. Level.
- Similarly, the water supply to the tank will stop, once the tank is full, and reaches Max. Level.
- The maximum water pressure in Pascal (Bar) units when connecting the unit to the main water hose is 300 kPa.



## FILL WATER ( Manually )

- Open the water fill door located to the right side of the unit. Pour water through the water fill door, and fill the tank, till it reaches the Max. Level.
- Check Max. Level of water on the Water Level Indicator. Always check water level in the tank before running the "COOL" function.
- Always make sure water in the tank is above the Min. Water level mark.
- Running the unit with inadequate water may cause pump failure.



## CAUTION

Unplug from power when refilling.

10



### LOW WATER ALARM FUNCTION

The unit is equipped with a low water sensor. When water in the tank is below the minimum level, you will hear 10 beeps and the COOL LED indicator will flash continuously. At the same time the power to the pump inside the unit will be cut off to protect the life of the pump.

To disengage the alarm function, turn off and unplug the unit from the power outlet, and fill the tank with water above the minimum level.

To turn off the alarm function and continue to use it in FAN mode, turn off the unit and turn the unit on. If COOL button is pressed again without filling the tank with water, low water alarm will activate again.

### COOLER LOCATION

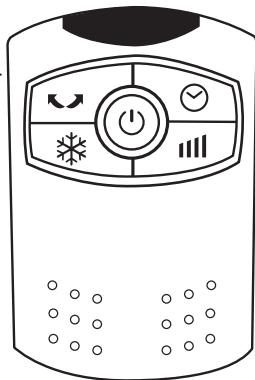
Place the cooler in front of an open door or window. Ensure that there is adequate cross - ventilation in the room by leaving a door or window open opposite from the cooler.

Following these rules will ensure your cooler will work as effectively as possible.

## USE & OPERATION

### REMOTE CONTROL

Remote Control



- ⏻ POWER - Turn power on/off
- ▮▮▮ SPEED - LOW/HIGH
- ❄️ COOL - Turn the pump/COOL function on
- ↺↻ SWING - Automatic swing of louvers
- 🕒 TIMER - Timer function of 0.5 to 8 hours

NOTE: Under direct sunlight, effective remote control range will be reduced.

### NOTE

Batteries not included in the package. Please insert two new AAA dry cell batteries for fully functional remote control.



### OPERATING THE UNIT

- Fill the tank manually or after hose connection is made, turn on the water supply to the cooler.
- The hose connection to the float valve provides an automatic method of refilling the water supply as water is evaporated. Whenever possible operate the blower fan at low speed for maximum cooling.
- When cooling is not required you can operate the unit as a fan only by turning on the fan and leaving the pump turned off.
- Power ON the unit, and press the SPEED button (LOW or HIGH) on touchscreen panel, to vary the speed of air flow depending upon your requirement. LOW and HIGH speed will be indicated with incremental bars on the panel.
- Press the COOL button to turn on the cooling function, which will be indicated by lit up LED of the COOL button.
- To turn off the unit, press the COOL button to stop the cooling function, then press SPEED button to reduce the speed to LOW and then the POWER button to turn off the unit. If you do not intend to use the product for some time, empty the water tank.
- To empty the water tank, turn the unit off using the FAN switch. Unplug the unit from the power outlet. Remove the drain cap from the bottom and allow the water to drain out.

## CLEANING & MAINTENANCE

### WARNING



- Before cleaning the unit, switch it to the "OFF" position and remove the plug from the power socket.
- To clean the outside, use a damp cloth to remove dirt and dust.
- Never use detergents, corrosive elements or any chemicals to clean this product.
- When the product is not in use, store the unit in a dry place out of direct sunlight. to clean this product.
- If you do not intend to use the product for some time, empty the water tank.

### CLEANING & DRAINING THE WATER TANK:

- Turn the power "off" and disconnect the unit from power supply.
- Move the unit to a location where it can be drained and remove the drainage tube/cap (see parts description on page 7).
- Once the tank is empty, refill with clean water and drain it again. This should be repeated weekly to maintain the integrity of the unit and to remove particles filtered from the air.
- Once the tank is clean, refill the water tank. The unit is now ready to be used again.

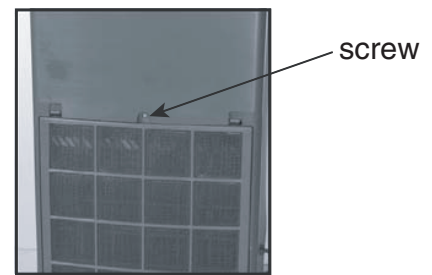
## CLEANING THE FILTER

The unit includes honeycomb pads, located in the front and rear of the unit. The frequency of cleaning the model depends on local air and water conditions. In areas where the mineral content of the water is high, deposits may build up and restrict air flow. In this case, it is recommended that the honeycomb be cleaned every two months. To clean the honeycomb, simply wash and rinse with water. Soft brush may be used to loosen mineral deposits.

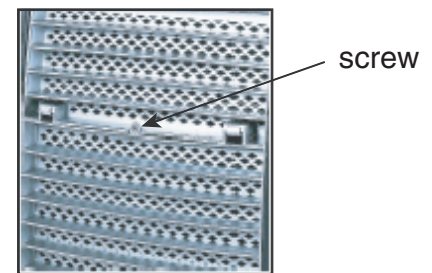
**Deep Cleaning:** Caution - honeycomb assembly should be removed and serviced one at a time.

**Rear Honeycomb Assembly:** Remove the screw holding the rear honeycomb cover in place. Gently unsnap and remove the rear honeycomb cover. Grab and pull out the rear honeycomb frame. Remove screws from the honeycomb retainer cover. Remove the honeycomb for inspection, cleaning or replacement.

**Front Cooling Honeycomb Assembly:** Remove the screw holding the front honeycomb cover in place. Gently unsnap and remove the front honeycomb cover. Grab and pull the front honeycomb frame out. Remove the screws from the honeycomb retainer cover. Remove the honeycomb for inspection, cleaning or replacement.



Rear Honeycomb Assembly



Front Honeycomb Assembly

## TROUBLESHOOTING GUIDE

PROBLEM	POSSIBLE CAUSE	SOLUTION
No discharge of air	Cord is not plugged in.	Make sure power cord is plugged in and the supply switch in ON.
	Power is not on.	Try to turn the unit ON by pressing buttons on control panel or remote control.
Not Cooling / Unit is making noise	Pump is not turned ON.	Turn on COOL function from remote or control panel.
	Low or no water in tank, when COOL is selected.	Refill water tank.
	Damaged Pump or Calcium deposits on blower.	Contact service centre.
Odour omission	New Unit.	When the unit is used for the first time, the Honeycomb cooling media will have an odour, which will dissipate within a week of initial use.
	Old Unit.	There may be an algae issue, Replace the honeycomb cooling media. Contact service centre.

## TROUBLESHOOTING GUIDE

PROBLEM	POSSIBLE CAUSE	SOLUTION
The unit does not respond	Remote control batteries.	Check batteries, Replace if needed. Try to operate using the control panel.
	Damaged PCB	Try with remote control. If the unit responds, PCB board fasteners may be loose. Contact service centre.
		If neither remote control nor control panel works, PCB board may be damaged. Contact service centre.

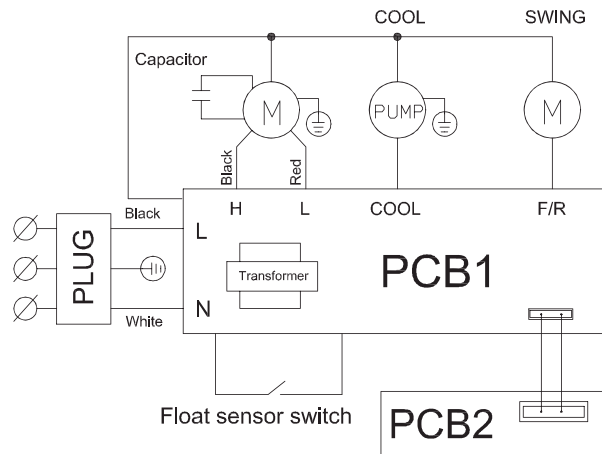
# TECHNICAL SPECIFICATIONS

MODEL NO.

CO301PC

Voltage	220-240V
Frequency	50Hz
Wattage	270 Watts
Water Tank Capacity	30 Litre
Cooling Media	Honeycomb
Product Dimension	546 (L) x 437 (W) x 1082 (H) mm
Net Weight	30 Kg
Current	1.2/2.2 A

# ELECTRICAL WIRING DIAGRAM



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