



# INSTRUCTIONS MANUAL

TYL-WHA320

## COMMERCIAL AIR PURIFIER

Advance air purification for safe, clean air



[www.tylrhome.com](http://www.tylrhome.com)



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## IMPORTANT SAFETY INFORMATION



**Failure to comply with the warnings listed below may result in electric shock or serious injury.**

### General Safety

- Ensure the plug fits properly into a polarized power socket.
- DO NOT operate if cord or plug is damaged.
- DO NOT handle with wet hands. Thoroughly dry your hands before handling the air purifier.
- DO NOT unplug the unit by pulling the power cord.
- DO NOT immerse air purifier in water or liquid.
- DO NOT use the air purifier in wet or humid environments.
- DO NOT use the air purifier outdoors. Avoid direct heat and sunlight.
- DO NOT use the air purifier in a room with major indoor temperature changes. This may cause condensation to build up inside the appliance.
- DO NOT use the air purifier in an enclosed space where toxic, flammable, combustible, or explosive gases or substances are present.
- If you are using the air purifier where oxygen is being administered, make sure the purifier is at least 3-5 feet away from the oxygen tank.
- DO NOT insert fingers or objects into the air outlet.
- Child supervision is required while the air purifier is on.
- DO NOT allow children to play on or near the air purifier.

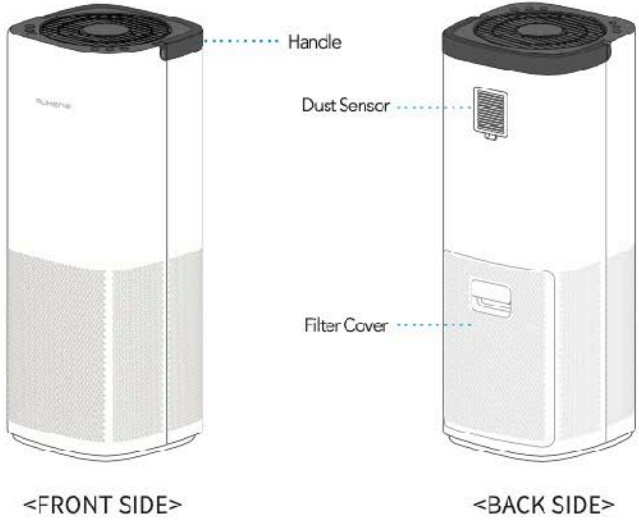
## Use & Care

- Place the air purifier on a flat, level, solid surface before operation.
- Place the air purifier in a dry, well-ventilated area.
- DO NOT place the air purifier near sources of heat, such as open flames, stove tops, ovens, radiators, or computers.
- Place the air purifier so that the power cord easily reaches a standard electrical outlet for a polarized plug.
- The outlet should be rated more than 16A. Use a separate outlet for the unit.
- DO NOT route the cord under carpeting, rugs, furniture, or appliances. Place the power cord away from high-traffic areas.
- DO NOT use an extension cord with this unit.
- DO NOT sit on or place anything on top of the purifier.
- DO NOT place the air purifier directly below an air conditioner, to prevent any moisture from getting into the air purifier.
- DO NOT move the unit while it is in operation.
- DO NOT operate the unit without an air filter installed.
- DO NOT block the air inlet or outlet.
- This air purifier should be inspected frequently. Dirt that has collected should be removed regularly to prevent excessive accumulation that may result in a flashover or fire.
- DO NOT clean the appliance with water or any other liquid to avoid electric shock, fires, or injury.
- DO NOT use the unit for any other purpose than indoor air purification.
- If the air purifier is damaged, or is not functioning properly, immediately stop use and contact Customer Support.

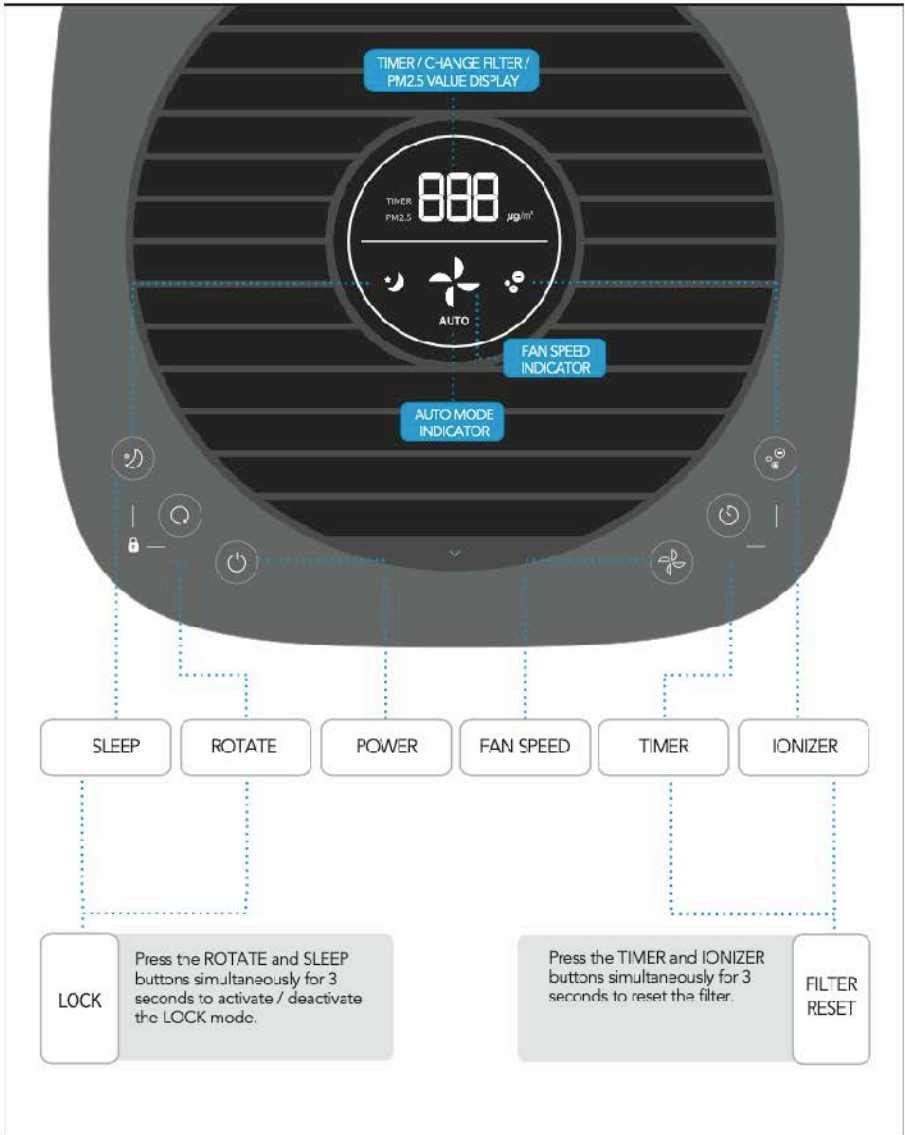
- DO NOT attempt to repair or modify this device in any way. Doing so will void your warranty. Contact Customer Support immediately if your device is no longer working.

**SAVE THESE INSTRUCTIONS**

# PARTS AND FEATURES

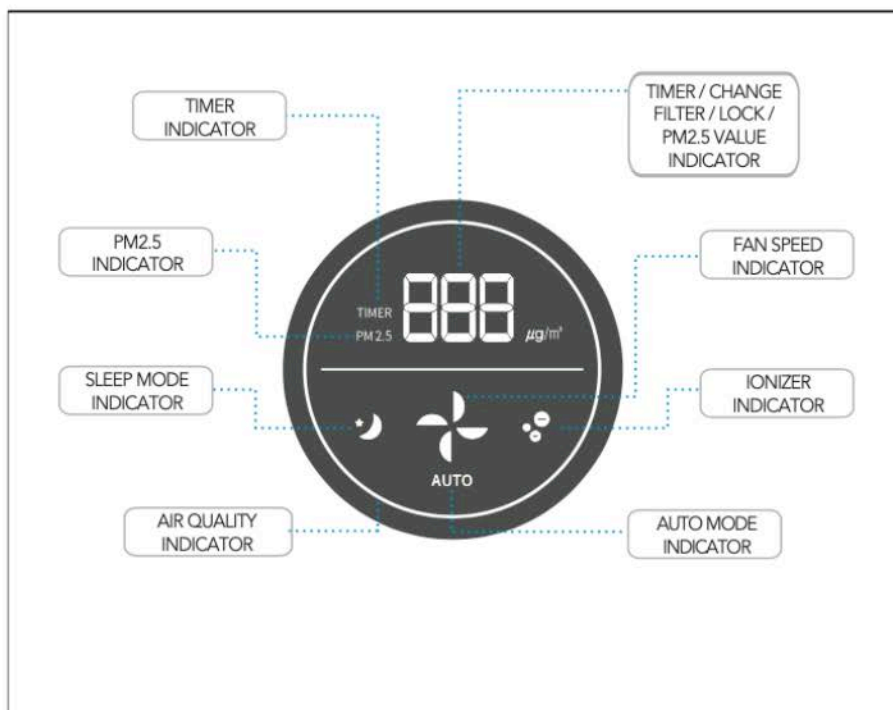


# Control Panel





## LED Display



The Air Quality Indicator indicates the total pollution level using the Air Quality Color Index by detecting PM2.5 and TVOC (total volatile organic compounds) concentrations.

Total pollution level is displayed based on the highest detected **value of either PM2.5 or TVOC.**

Therefore, the PM2.5 value display may not correspond to the air **quality color index.**

## Air Quality Color Index



Fan Speed	1	2	3	4
PM2.5	~15 $\mu\text{g}/\text{m}^3$	16~35 $\mu\text{g}/\text{m}^3$	36~75 $\mu\text{g}/\text{m}^3$	76 $\mu\text{g}/\text{m}^3$ ~
TVOC	~65 ppb	65~220 ppb	221~660 ppb	661 ppb~
Color	Blue	Green	Yellow	Red

While in AUTO mode, the fan speed adjusts automatically based on current air quality registered by the dust and VOCs sensors.

## BEFORE FIRST USE

**Note:** The unit comes with all filters fitted inside, but the packaging of the filters need to be removed before operating.

1. Carefully remove your air purifier from the box and plastic bag.
2. Select a firm, level and flat location for the air purifier.  
**Note:** For proper air flow, locate the unit at least 20cm from any wall or furniture.
3. Remove the filters and plastic packaging, then place filters back into the appliance.  
**Note:** HEPA filter and activated carbon filter and are combined into one layer to form a combination filter, which attaches to the pre-filter.

4. Plug the power cord into a correct voltage AC outlet.

**Important:** *When moving the air purifier, always lift the unit by the carrying handle.*

## USING YOUR AIR PURIFIER

### General Operation

1. Press the Power button to turn on the air purifier. The air purifier fan will start automatically at AUTO mode.
2. Optionally, press Fan Speed button to change fan speed. You can also select Sleep Mode, or set the Timer.

#### Note:

- For best results, run the air purifier at maximum speed for 15–20 minutes before using a lower speed or Auto Mode.
  - To effectively clean air, keep windows closed while the air purifier is operating.
  - Dust sensor undergoes initialization for the first 30 seconds. During initialization, the LED Display will not show PM2.5 and air quality levels.
3. Press the Power button to turn off the air purifier.

### Button Controls and Functions

1. Fan Speed

Press this button to cycle through the adjustable fan speeds of the air purifier: 1, 2, 3, 4, AUTO.

AUTO mode uses the sensor inside the air purifier to adjust the fan speed automatically based on air quality. The air quality indicator around the LED display will also illuminate a certain color based on the air quality. (See section on **Air Quality Color Indicator**).

## 2. Rotate

Press this button to turn the grill rotate function on or off. The air ventilation grill fully rotates for thorough air circulation.

## 3. Timer

Press this button to cycle through the available program times: 1H, 2H, 4H, 8H, 12H, OFF.

Once the Timer is set, the Timer indicator is illuminated in the LED display. The air purifier will automatically power off once the time has lapsed.

## 4. Sleep Mode

Press this button to activate Sleep Mode. This function sets the air purifier to its lowest fan speed setting and dims the LED display brightness to create a quiet environment while producing air.

## 5. Ionizer

Press this button to turn on the cluster ion generator. The Ionizer indicator is illuminated in the LED display.

## 6. Lock Mode

To set the Lock mode, press the Rotate and Sleep buttons simultaneously for 3 seconds. 'Loc' in the display blinks 2 times with an alert tone.

The other buttons do not work when the Lock mode is on. If you press the other buttons, the word "Loc" on the display blinks 2 times with an alert tone.

## CLEANING AND MAINTENANCE

### Air Filter Components

**Pre-filter** - traps big particles like human hair, pet hair and pet feather etc.; helps extend life of HEPA and activated carbon filters.

*High-performance* **HEPA filter** - captures 99.97% of particulates and traps allergens and airborne contaminants such as dust mite debris, pet dander, mold and mildew spores, smoke, pollen and dust.

**Activated carbon filter** - reduces toxic fumes, harmful gases, odors and other VOCs effectively.

**Note:** HEPA filter and activated carbon filter are combined into one layer to form a combination filter, which attaches to the pre-filter.



## When to Replace the Air Filter

It is recommended to change the air filter every 6-8 months. However, you may need to change your filter sooner or later depending the frequency of use and the air quality in the room. It is important to watch out for the following signs of an expired filter:

- Increased operating noise
- Decreased airflow
- Clogged filter
- Increased presence of odors

### **Note:**

- *The environment in which the air purifier is being used may also extend or shorten the lifetime of the air filter. Using your air purifier in an environment of relatively high pollution may mean you will need to change the air filter more often.*
- *If the air pollution in your environment is very high, there is a possibility that the filter may not be completely effective and may need to be replaced before the indicator lights up on the display.*

- Remember to reset the air purifier after changing the filter.

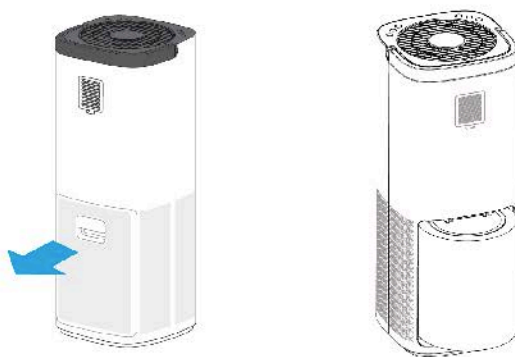
## Replacing the Filter

**Filter Change indicator:** 'CHG' is illuminated on the LED display indicating the need to change the air filter.

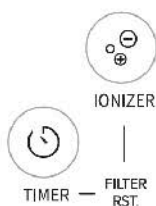


1. Turn off the air purifier and unplug from wall outlet.
2. Remove filter cover at the back side of the unit.
3. Pull out the cylindrical combination filter and dispose of properly.  
You may also clean any remaining dust and dirt from inside of the housing using a vacuum hose.

4. Insert new pre-filter + combination filter into the unit. Make sure filter pull tabs are facing out.



5. Replace the back cover onto the unit.
6. Plug in and turn on the air purifier. Then press and hold the Timer and Ionizer buttons simultaneously for 3 seconds to reset the filter.



**Note:**

- Only the pre-filter can be cleaned. The combination filter is not washable and reusable.
- Always turn off the air purifier and unplug from the electrical outlet before replacing the filters.



## **Cleaning the Pre-filter**

- Clean the pre-filter with a soft brush or vacuum cleaner once a month, or depending on usage and environment.
- When using vacuum cleaner, use the lowest suction power.
- Do not use benzene, alcohol, volatile detergents or hot water (over 40°C) that may cause damage and discoloration.

## **Cleaning the Air Purifier**

Regularly clean the inside and outside of the air purifier to prevent dust from collecting.

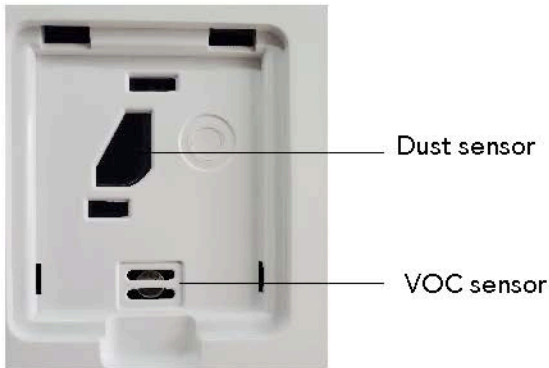
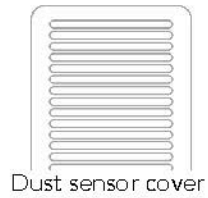
1. Use a soft, damp cloth to clean the outside of the air purifier. Wipe dry.
2. Open filter cover and vacuum inside the housing using a vacuum hose.

## **Resetting the Air Filter**

1. Replace the air filter.
2. Press and hold the Timer and Ionizer buttons for 3 seconds.
3. The indicator 'CNG' on the LED display will turn off. This means that the air purifier has been successfully reset.

## Cleaning the Dust Sensor

1. Turn off and unplug the air purifier.
2. Open the dust sensor cover.
3. Carefully clean the dust sensor lens with a clean cotton swab.



## TROUBLESHOOTING

Problem	Possible Actions
Air purifier will not turn on.	Plug in the air purifier
	Check to see if the power cord is damaged. If so, stop using the air purifier and contact nearest service center.
The air quality indicator always stays red, and the air purifier is running on high speed.	Clean the dust sensor.  Contact service center if the indicator is still red after cleaning.
The air quality indicator always stays blue, even though air quality is poor.	
Air purifier makes an unusual or vibrating noise while in operation.	Place the purifier on the flat surface.
	Make sure the air filters are removed from their packaging and properly in place

	The air purifier may be damaged, or a foreign object may be inside. Stop using the air purifier and contact Customer Support (see page 33). Do not open the air purifier.
Airflow is significantly reduced.	Check to make sure air ventilation grill is free from any blockage.
	Replace the air filters.
Change Filter indicator is still blinking after replacing the air filter.	Reset the air filter.
Poor air purification quality.	Make sure no objects are blocking the ventilation grill or the sides of the air purifier (inlet).
	Make sure filters are properly in place.
	Close doors and windows while running the air purifier.

	Make sure the room size is fit for the air purifier coverage capacity.
	Clean the dust sensor lens.
	Replace the air filters.