

AIR1

True HEPA Air Purifier



Operations Manual

AIR1_2021_A

Check out our other products online at
www.copernicused.com

For assistance, please contact us:

1-800-267-8494

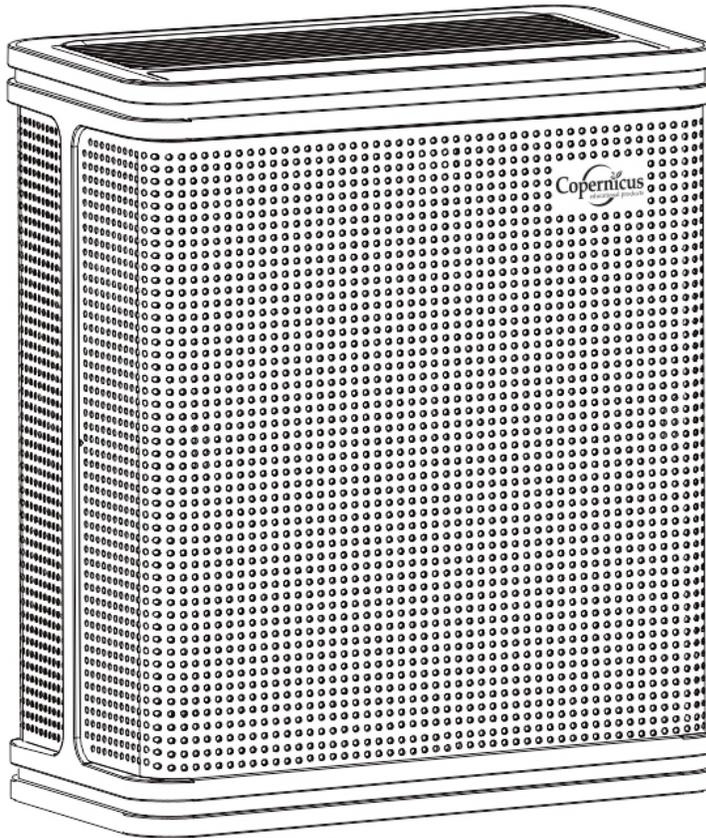
Email info@copernicused.com

Have your packing slip ready for reference

WARNING



- This product is meant to be assembled by an adult.
- In its unassembled state, small parts present a hazard.
- To be used under direct supervision of an adult.



Please Recycle

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Dear Educator,

Thank you for purchasing the True HEPA Air Purifier. We hope it meets all your expectations and you and your students enjoy having fresh purified air in your classroom.

If you have any questions, concerns or ideas on how we can improve please let us know by contacting our Customer Solutions Ninjas at 1-800-267-8494 or info@copernicused.com.

Happy teaching,

Kaylyn Belcourt
 President



Register your Product

Registering your warranty ensures we have all the information we need to make any future warranty claims quick and easy. Please visit www.copernicused.com/warranty and complete the form within 10 business days from product assembly. By registering your product, you will be entered into a draw to win Copernicus product.

Make a Warranty Claim

We offer a Lifetime Warranty on almost everything we make. Please call 1-800-267-8494 or email info@copernicused.com to start your warranty claim. Proof of purchase will be required upon warranty claim (i.e. copy of invoice).

Customer Service - FAQ's



For missing parts and other issues:

Please call Copernicus Customer Service, where we will be happy to help.

1-800-267-8494. Monday - Friday 8:00am - 4:30 pm EST.

OR

Email Customer Service at info@copernicused.com

Need Tech Support? Have a Question?



Email our Tech Support Service



Please Recycle

Please check with your local recycling guidelines how to properly recycle and dispose of this unit.

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Warning, Hazards & Risks

Please read the warnings below for important safety information regarding your product. Failure to read these warnings or to follow the instructions below could result in personal injury or damage to your product that could void your warranty.



Adult Supervision

This product is to be used under the supervision of an adult.



Indoor Use Only

This product is intended for indoor use only. To reduce the risk of fire or electric shock, do not expose this product to rain or moisture. The internal components are not sealed from the environment.

Only plug into a standard wall outlet: device operates on 120V AC 50-60Hz

This product is intended for air purification use only. It is not to be used for ventilation or extraction purposes.

Do not use in a room that was recently fumigated. Chemical residue could accumulate inside unit and then be released into the air. Thoroughly ventilate fumigated room before using air purifier.



Cable Trip Hazard

Ensure that any cables extending across the floor to your product are properly bundled and marked to avoid tripping or falling which may lead to personal injury.



Electrical Shock

- Do not install or use the electrical components of this unit during a lightning storm.
- Do not touch the power plug with wet hands.
- Before cleaning appliance, unplug unit. If not, air purifier may turn on causing an electric shock or injury.
- Before starting the air purifier, please completely insert plug into the socket.
- Do not use if plug or cord are damaged or loose.
- Do not place any objects inside any holes found on the unit.
- DO NOT tightly bend/fold power cable. This may cause a broken wire inside the cord.
- Do not modify or disassemble air purifier.
- Pull out the power plug by head of plug. Do not pull on power cord when removing plug from the wall.



Clean Plug regularly.

Accumulation of dust and moisture can damage the components, which may result in a fire hazard.

Wipe plug with DRY cloth.

Do not leave this product plugged in for more than 72 consecutive hours.



If ANY of the following situations occur, turn off and unplug air purifier immediately.

- A button does not work on control panel.
- There is a blown fuse or circuit.
- Abnormal smell coming from unit.
- Abnormal sound or vibration.
- Any other failures.



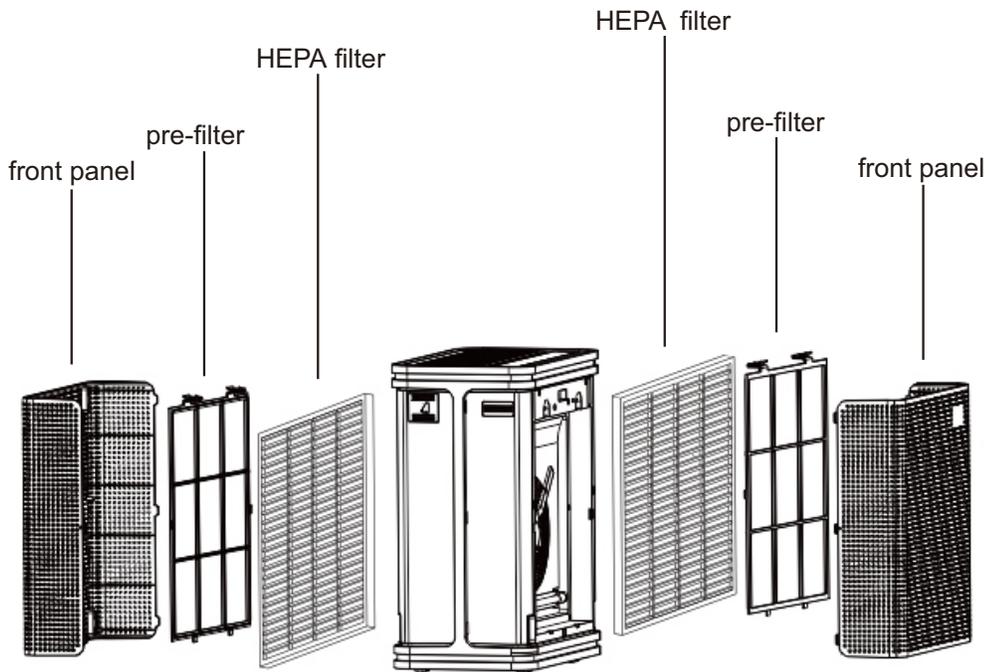
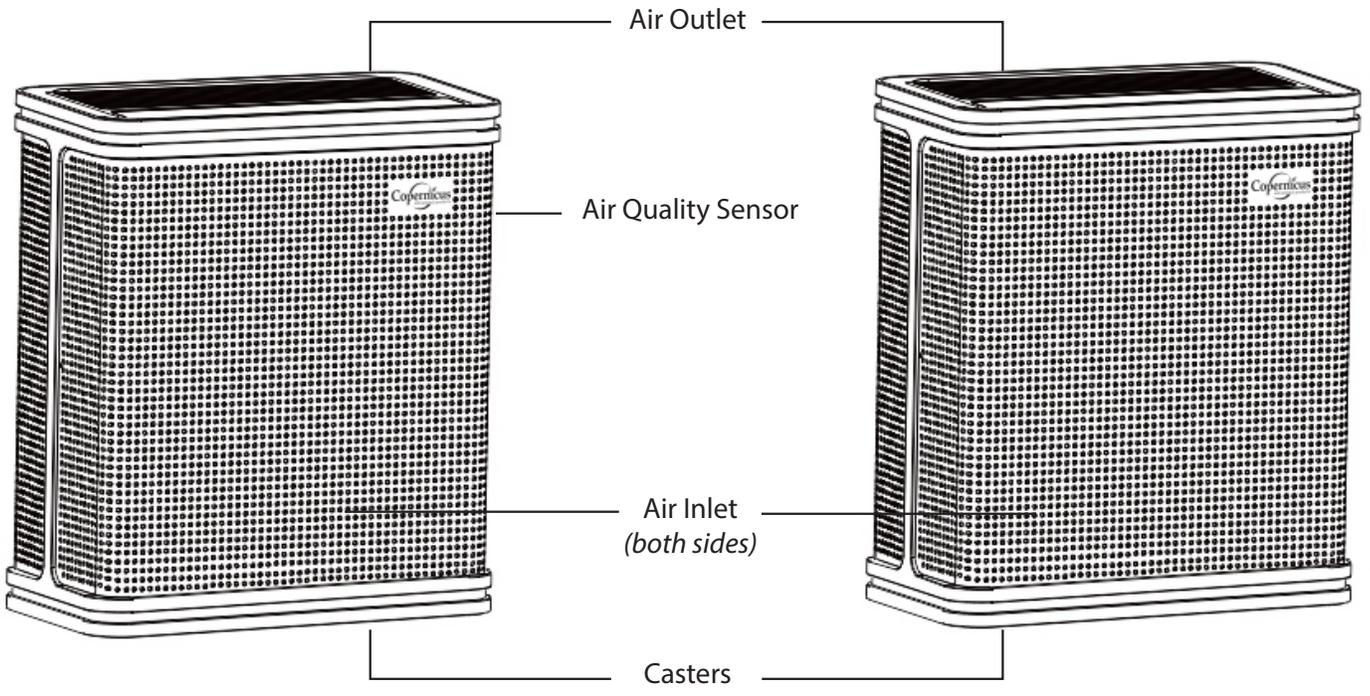
Only clean unit with a damp cloth. DO NOT use any harsh solvents.

This may result in an electric shock or injury.

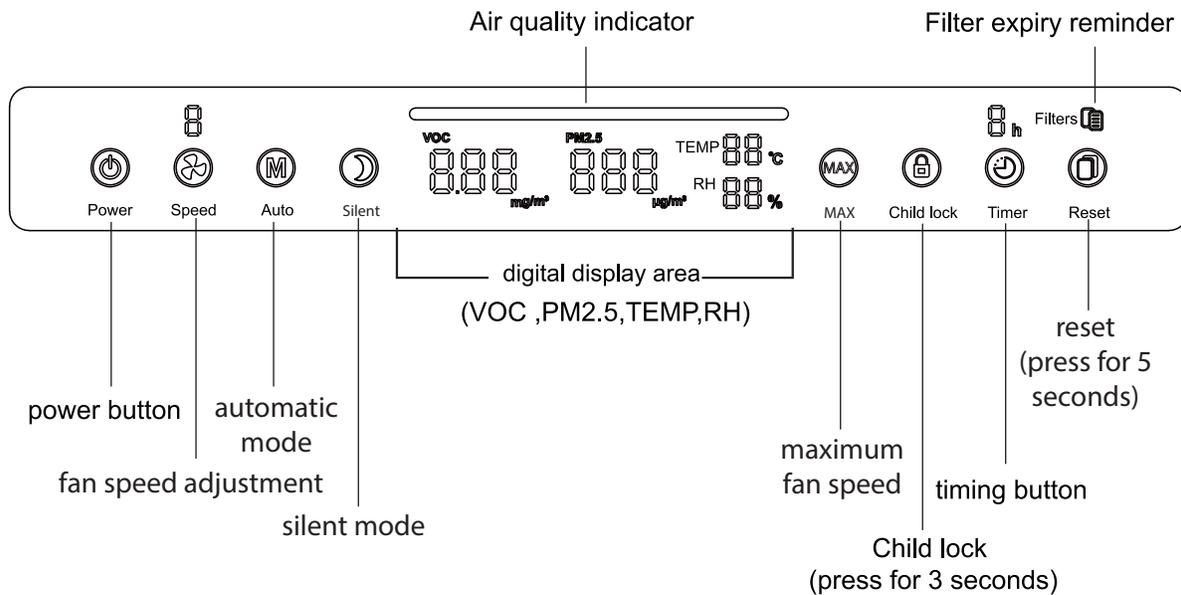
DO NOT use combustible substances around this unit. This may result in an electric shock, injury or fire.

2

Air Purifier Components



Control Panel



Air Quality Indicator

During use, the air purifier will evaluate the quality of the air in the room. The air quality indicator on the control panel will change colour, to indicate air quality.

Air quality indicator

	Blue	(PM2.5 = 0 ~ 50)	Perfect
	Green	(PM2.5 = 50 ~ 100)	Good
	Purple	(PM2.5 = 100 ~ 150)	Normal
	Red	(PM2.5 = 150 ~)	Bad

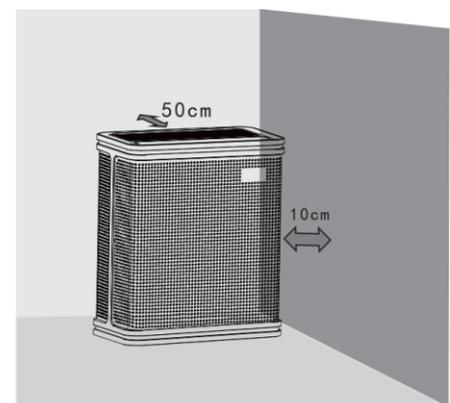
Optimal placement of the air purifier

To ensure your unit is running most efficiently place the front or back of the unit at least 50cm (20 inches) away from any object or wall.

The sides should be a minimum of 10cm(4 inches) away from any object or wall.

These distances ensure proper circulation around the unit, which in turn provides more purified air.

DO NOT interfere with the air inlets or outlets.



3 Before Use

Before installing filters

ATTENTION:

Remove all packaging from filters before use.

Please turn off the power and unplug before replacing the filter, or for maintenance and transportation.

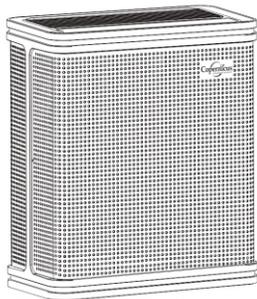
DO NOT operate unit without filters.



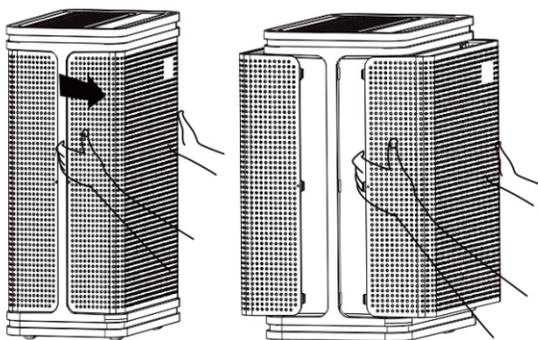
You can lay the unit down on its side while performing filter maintenance. DO NOT operate in this position.

How to set up the True HEPA Air Purifier

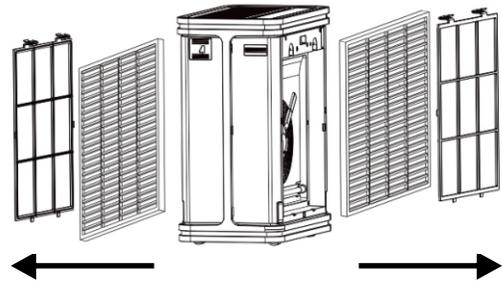
1. Remove the air purifier from the box and recycle boxes.
2. Place unit on the ground in a dry environment.



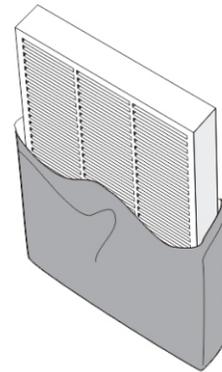
3. Remove tape on sides of panels.
4. Grasp both sides of the front panel; gently pull panel away from unit.



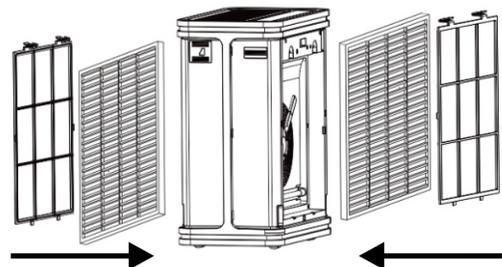
5. Remove pre-filters and filters from unit.



6. Remove all packaging from filters and recycle plastic bags.

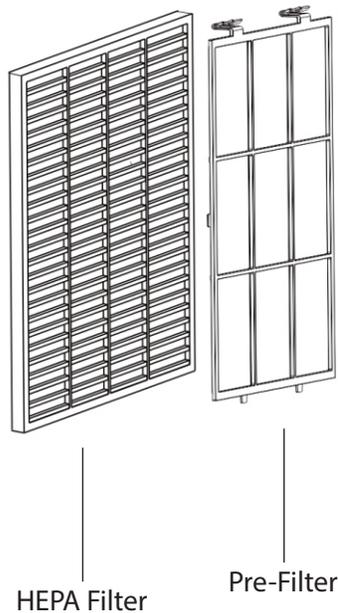


7. Reinstall filters and pre-filters. Ensure the filters are facing the correct way. Check for wording "This Side Out" on filter frame.



8. Reinstall front panels. Align panel tabs with grooves on unit. Gently push panels in.

Filter Function



Pre-Filter

The pre-filter is made of a micron mesh material which effectively blocks 2.5mm fibrous particulate matter at a rate of >99.9%. This filter can easily be cleaned by hand (page 10).

The pre-filter prevents larger particles such as pet fur, dander and coarse dust from clogging the HEPA filter.

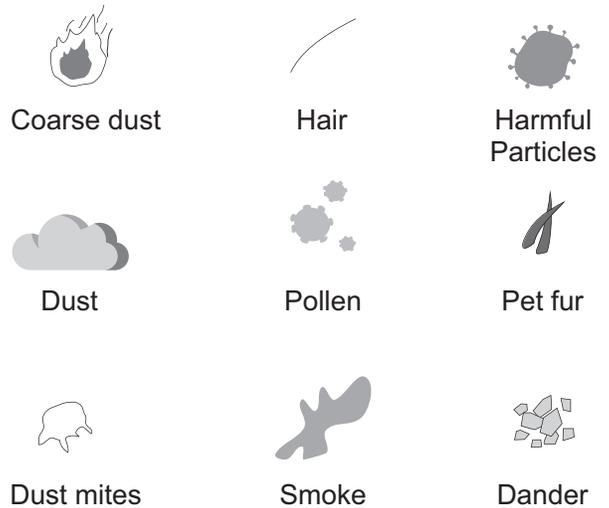
HEPA Filter

The HEPA filters can remove 99.97% of particles as small as 0.3 microns from your air.

The HEPA filter will reduce the spread and inhalation of allergens, bacteria, pollution and virus.

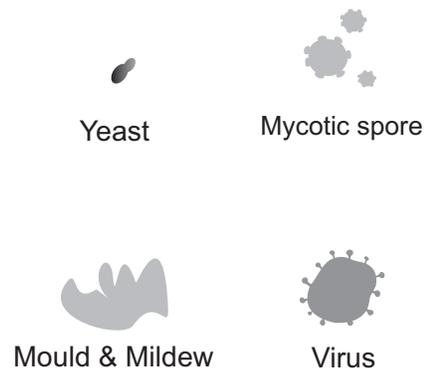
Allergens

The True HEPA Air Purifier helps to remove the following common allergens found in our indoor air:



Bacteria

The True HEPA Air Purifier helps to remove the following common forms of bacteria found in our indoor air:



ATTENTION!

DO NOT submerge unit.

DO NOT use corrosive or flammable products to clean any part of this unit.

ONLY pre-filter can be cleaned with water.



How to clean Air Purifier

Regularly clean the side panels and top vent to prevent dust accumulation.

1. Use a soft dry cloth to wipe dust off surfaces
2. Use a soft dry cloth to clean inlet and outlets

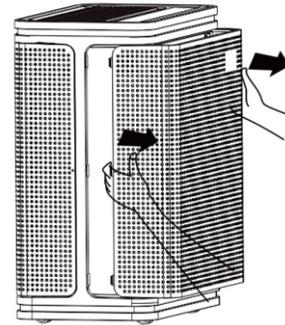
How to clean the Air Quality Sensor

Clean the Air Quality Sensor every two months to ensure unit runs at peak efficiency. If the unit is used in a dusty environment, please clean more frequently.

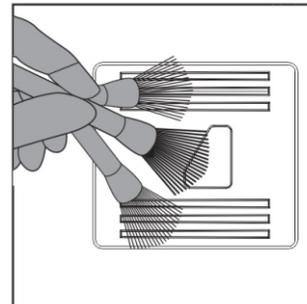


When indoor humidity is very high, the air quality indicator may form condensation. This may cause it to indicate there is 'poor' air quality in your room. To correct this issue, you will have to clean the air quality sensor or use a manual fan speed setting.

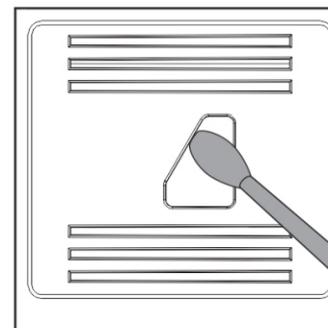
1. Remove front panels to access sensor.



2. Use a clean, soft brush to clean the inlet/outlet of the air quality sensor.
3. Remove the protective cover of the air quality sensor.



4. Gently clean the sensor inlet and outlet with a damp cotton swab.
5. Fully dry the sensor with a second DRY cotton swab.



6. Replace protective cover and reinstall front panels.

How to clean the Pre-filter

ATTENTION

Turn off the Air Purifier and unplug before cleaning or maintenance.

Always clean the pre-filter in a well ventilated area wearing the appropriate PPE.

Only the pre-filter can be cleaned, HEPA filter must be replaced when indicator light turns on.

In order to achieve optimal performance of the unit, clean the pre-filter every two months (480hrs) from the beginning of use. This is based on an 8 hour day 5 days a week in a school environment.

Clean filter with a damp cloth or vacuum debris from filter.



Pre-Filter



When using a vacuum to clean the pre-filter, use a low powered vacuum to avoid damaging the pre-filter.

Preparing the unit for storage

1. Turn off unit and remove plug from wall
2. Thoroughly dry the interior of unit. Failure to do so, may result in equipment damage.
3. Store the machine upright in a dry well ventilated area.

Replacement filter reference time

When the machine has been running for 1800hrs, the reminder indicator will flash.



It is important for student health that the filters are properly maintained and replaced regularly.

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Trouble Shooting

If you are having any issue that is not addressed below, or need further assistance, please contact our Customer Service at 1-800-267-8494.

Issue	Possible Reasons	Possible Solutions
Machine won't turn on.	Front panel may not be installed	Remove front panel, then reinstall (Page 7)
	Power plug is not inserted into the power source	Pull out the power plug, then reinsert into the power source
	The power plug or cable is damaged	Contact Customer Service 1-800-267-8494
The fan doesn't work.	Unit is not turned on	Plug in the unit and turn it on
	The motor is not working	Contact Customer Service 1-800-267-8494
	The machine is placed on an uneven surface	Place unit on a flat, horizontal surface
	Loose or foreign particles inside the machine	Contact Customer Service 1-800-267-8494
	Motor is loose	Contact Customer Service 1-800-267-8494
	Filter packaging had not been removed	Unplug unit, remove packaging and try again (Page 7)
Poor performance of unit	Pre-filter is dirty	Clean pre-filter
	HEPA filter needs to be replaced	Replace HEPA filter (Page 7)
	Unit's inlets or outlets are blocked	Clean inlets or outlets, remove object or debris
	Filter packaging not removed	Open panels, remove any packaging if found
	The unit is too close to a wall or another object	Ensure there is a minimum (page 6)
	The room is too large for the unit to achieve an ideal ACH	Add a second unit AIR1 max room size is 750sq ft