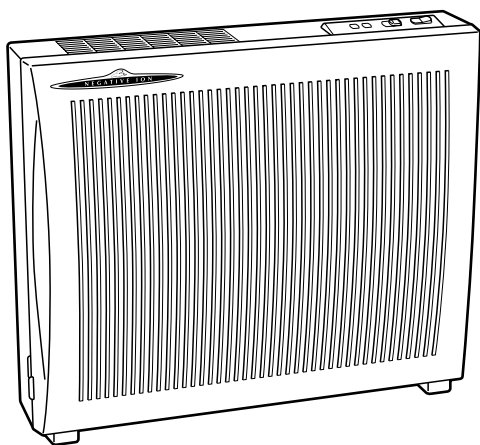


TÖYÖTÖMI



MODEL ETK-20E

AIR PURIFIER INSTRUCTION MANUAL

English

空气清洁机 使用说明书

中文

Thank you for buying our product.

- Before using this product, be sure to read this Instruction Manual to ensure proper usage. Please keep this manual for later reference.
- Improper use of this product may result in a malfunction, failure, unexpected accident, or create a potential hazard.

对您购买该产品表示诚挚的谢意。

- 请在使用前，务必阅读该“使用说明书”，采用正确的使用方法，并将其妥善保管。
- 错误的使用方法有可能导致机能不能充分发挥，还有可能引起故障和预料之外事故的发生。


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SAFETY PRECAUTIONS (Please read carefully and follow all instructions.)

● Items shown here are labeled “ ⚠Warning!” and “ ⚠Caution!”

Be sure to follow the warnings and cautions as they explain important details regarding safety.

 **WARNING** Improper use can cause death or serious personal injury.

 **CAUTION** Improper use can cause personal injury or physical damage.

● Be sure to follow the advice in the instruction manual in order to use this unit properly.



Caution



Must be performed.



Remove the power plug from the electric outlet.



Do not disassemble.

WARNING

★ Only authorized technicians should disassemble, repair, or modify this product.

- Ignition or malfunction may occur, causing injury.



★ Be sure to remove the power plug from the electrical outlet when performing maintenance. Do not remove or insert the plug with wet hands.

- Failure to heed this warning may result in electric shock or burns.



CAUTION

★ No other current than AC 230V is allowed to be used.

- When used on anything other than 230V mains, fire or electric shock may occur.



★ No damaged power cord, plug, or loose plug connection is allowed to be used.

- An electric shock, short, or inflammation may otherwise be caused.



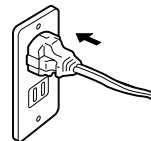
★ Do not damage, break, modify, forcibly bend, yank, twist, or bundle the power cord.

- A fire or electric shock may result if the cord is pinched or modified, or something heavy is placed on it.



★ Remove all dust and dirt from the power plug and insert it completely into the outlet to ensure proper contact.

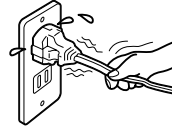
- Dust and dirt on the plug or incomplete insertion creates the danger of electrical shock and fire.



SAFETY PRECAUTIONS (Please read carefully and follow all instructions.)

CAUTION

- ★When unplugging the power plug, grip the plug and not the cord.
- Do not pull the cord or the wire inside the cord will be damaged resulting in heat or ignition.



- ★If the Air Purifier is not used for a long time, remove the power plug from the outlet.
- Caked-on dust may cause heat or ignition.



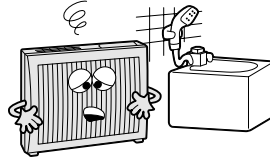
- ★Do not expose the product to flammable substances or Heavy smoke or incense.
- This may cause a fire.



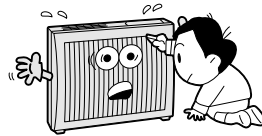
- ★Do not use the unit where the atmosphere contains oil.
- This may cause a crack.



- ★The Air Purifier is not allowed to be used in such a moist place as a bathroom.
- An electric shock or malfunction may occur.



- ★Care must be taken not to put your finger or any foreign material into the Suction Grille or the Air Outlet.
- An electric shock or trouble may occur.



- ★Do not expose your body to the air current from the exhaust ports.
- Such air current may harm human health, especially infants, the elderly, and the sick.



- ★When using with another combustion appliance, ventilation is necessary.
- The unit cannot add oxygen or remove carbon monoxide. Toxic substances (such as carbon monoxide) contained in tobacco cannot be removed.

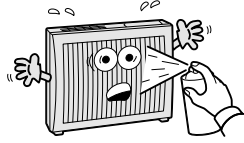


- ★Do not expose the unit to vapor or mist from something like a humidifier or electric shock or failure may result. (Use the unit so that the main unit is not exposed to vapor or mist from a humidifier.)

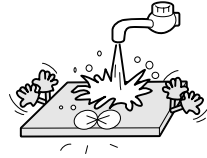


CAUTION

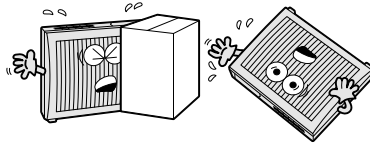
- ★ Do not wipe the unit with benzene or paint thinner. Also, do not spray insecticides on the unit.
- Cracking, electrical shock and / or fire may occur as a result.



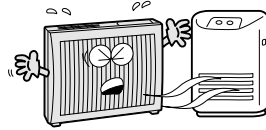
- ★ Do not wash and reuse a dirty HEPA filter, which will result in an electric shock or fire. Air cleaning function will not recover even if the filters are washed.



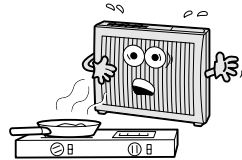
- ★ Do not use the unit with the intake and exhaust ports blocked or obstructed; doing so will result in deformation and/or failure.



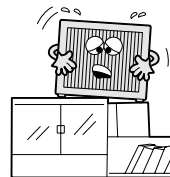
- ★ Do not use the unit on or around a space-heating appliance or where it may be exposed to heat. This may cause a failure or deformation.



- ★ Do not use the unit in places with greasy dirt or excessive moisture such as a kitchen or a factory.
- Doing so may cause a failure or degradation of cleaning ability.

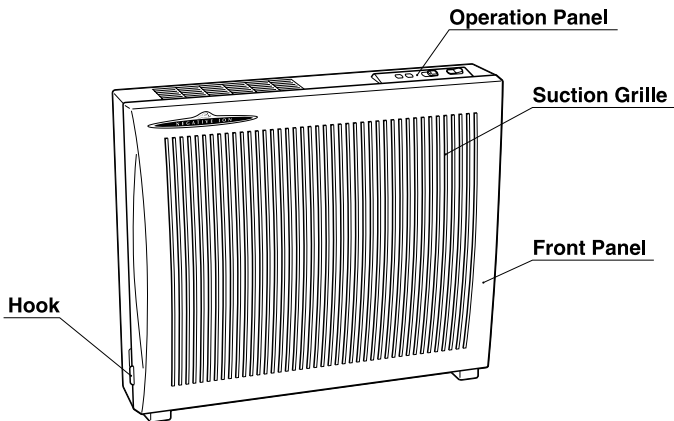


- ★ Do not install the Air Purifier on an unstable floor, shelf or wall.
- There is a fear of the Air Purifier falling down.

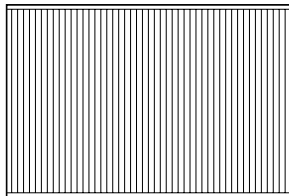


NAME OF COMPONENT PARTS

MAIN UNIT

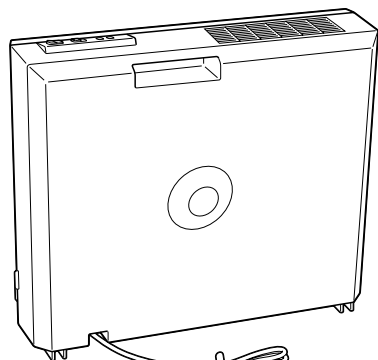


FILTER UNIT INSIDE OF THE MAIN UNIT



HEPA Filter

Traps cigarette smoke, pollen and minute dust particles, and absorbs and alleviates unpleasant odors.



Power Supply Cord

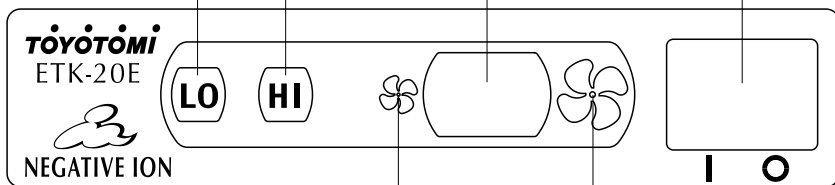
Power Plug

Air Blower Speed Lamp

Air Blower Speed Switch

ON / OFF Button

Air Blower Speed is switched to High or Low.



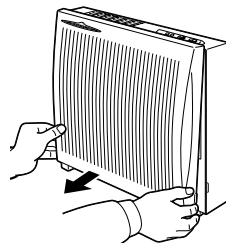
Low

High

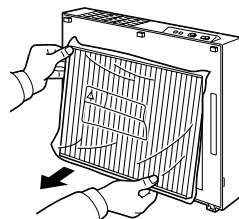
PREPARATION BEFORE USE

1 HOW TO INSTALL THE HEPA FILTER (Be sure to assemble the HEPA filter before using the Air Purifier.)

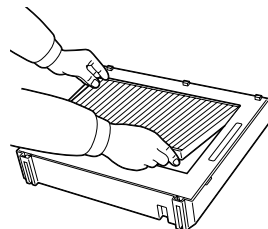
- 1 Pull the front panel toward you and remove it while pressing the right and left hooks at the bottom of the main unit.



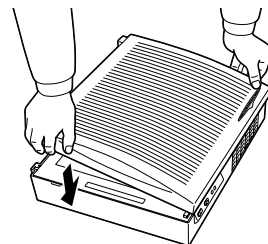
- 2 Remove the HEPA filter in the bag from the main unit.



- 3 Take the HEPA filter out of the bag and install the filter with the white side to the upside.



- 4 Align the nails of the upper front panel with the main unit and push the right and left areas at the bottom.
- ★It is necessary to lay the main unit down to fit the front panel onto the unit properly.



NOTE

★If the HEPA filter is mounted incorrectly, the filter will not work properly.

★The HEPA filters should be replaced about two years after opening the package. The replacement frequency depends on how long they are used or where they are installed.

- The lifetime of the filters will become very short in cases where they absorb oily smoke or carbonized substances such as soot.

★Dirty HEPA filter cannot be reused even if they are washed. Be sure to replace them.

PREPARATION BEFORE USE

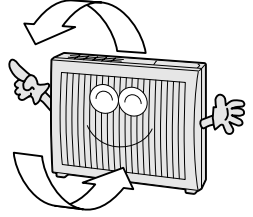
2 HOW TO INSTALL AIR PURIFIER (Choose a place where indoor air circulates well.)

●How to effectively install the Air Purifier

Install the Air Purifier in a high place (on a table) when cleaning relatively small-sized dust such as Heavy smoke. Install the unit in a low place (on the floor) when cleaning large-sized dust such as pollen.

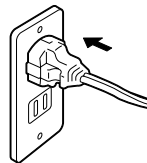
●When installing it on the floor or on a table

Place it on the floor or table approximately 30 cm away from the surrounding walls.

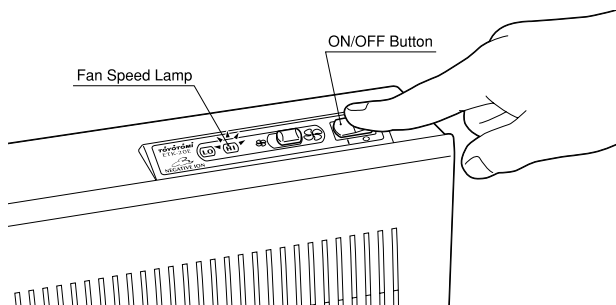


OPERATION PROCEDURE

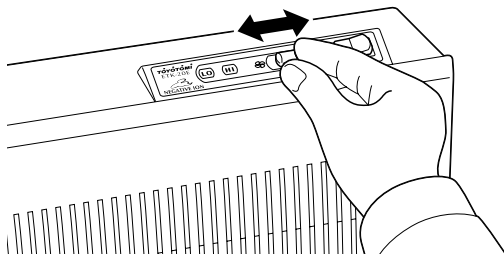
- 1 Insert the Power Plug completely into the outlet to ensure proper contact.



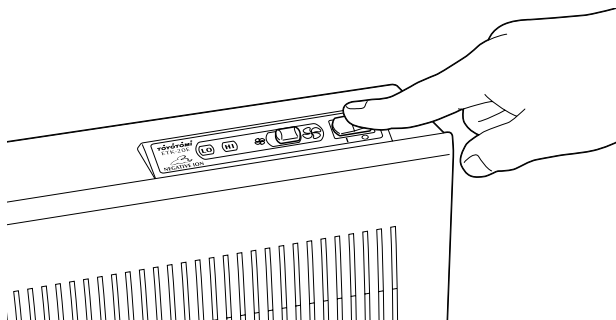
- 2 To start operation, press the power switch to ON. The Air Blower Speed Lamp will light. Negative ions will be generated and the air purification operation will begin.



- 3 In order to switch the air blower speed, select "High" or "Low" with the Air Blower Speed Switch. The air blower speed lamp will also be activated.






- 4 In order to stop operation, press the power switch to switch the unit off. The Air Blower Speed Lamp will go out.



ROUTINE MAINTENANCE

BEFORE MAINTENANCE

 WARNING	<p>★Only authorized technicians should disassemble, repair, or modify this product.</p> <ul style="list-style-type: none">• Ignition or malfunction may occur, causing injury.	
	<p>★Be sure to remove the power plug from the electrical outlet when performing maintenance. Do not remove or insert the plug with wet hands.</p> <ul style="list-style-type: none">• Failure to heed this warning may result in electric shock or burns.	

MAINTENANCE OF THE MAIN UNIT

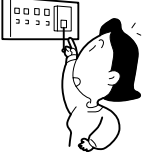
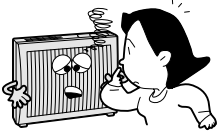
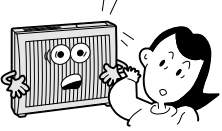
- When cleaning the main unit, wipe it with a soft cloth soaked in dishwashing detergent and dry with a soft cloth.
- ★Do not use paint thinner, benzene or alcohol to avoid the degradation or discoloration of the body. Wiping the unit with benzen or paint thinner may result in Cracking or Electrical Shock.

MAINTENANCE OF HEPA FILTER

- Clean the Grill of the Front Panel with electric vacuum cleaner.
- ★Dirty HEPA filters cannot be reused even if they are washed. Be sure to replace them

TROUBLESHOOTING

Since the following cases may not indicate a serious problem, check each of them before asking for repair service.

PROBLEM	CHECK ITEMS
<p>Does not operate.</p> 	<ul style="list-style-type: none">• Is there a power outage?• Is the power plug plugged in firmly?• Has the breaker or a fuse shorted out?
<p>Does not remove odors. Does not remove smoke.</p> 	<ul style="list-style-type: none">• Is HEPA filter dirty?• Is the HEPA filter installed?• Is the HEPA filter installed backwards?
<p>Audible Cracking Sound</p> 	<ul style="list-style-type: none">• A crackling sound is often emitted when tiny fibers are taken in and does not indicate a failure. (If this sound is emitted continuously, please contact your dealer.)

SPECIFICATIONS

Power source	AC230V / 50 Hz	
Air flow rate adjustment	High	Low
Power consumption	30 W	18 W
Air flow rate	2.0 m ³ / min.	1.0 m ³ / min.
Applicable floor space	17 m ²	
Cord length	2.0 m	
Exterior dimensions	430 x 131 x 366 mm	
Product weight	3.8 kg	
Accessories	HEPA filter (1 pc.)	
Available separate sale	ETF-20H (HEPA filter)	

TOYOTOMI CO., LTD.

5-17, Momozono-cho, Mizuho-ku, Nagoya, Japan