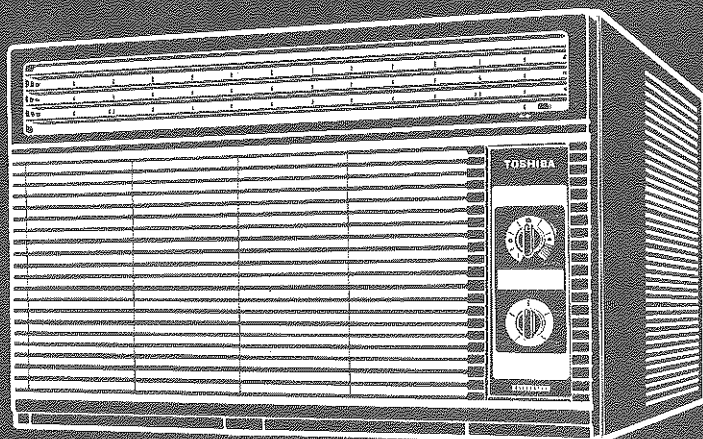


TOSHIBA

AIR CONDITIONER (WINDOW TYPE)

RAC-30NHE3A

RAC-22NHE3A

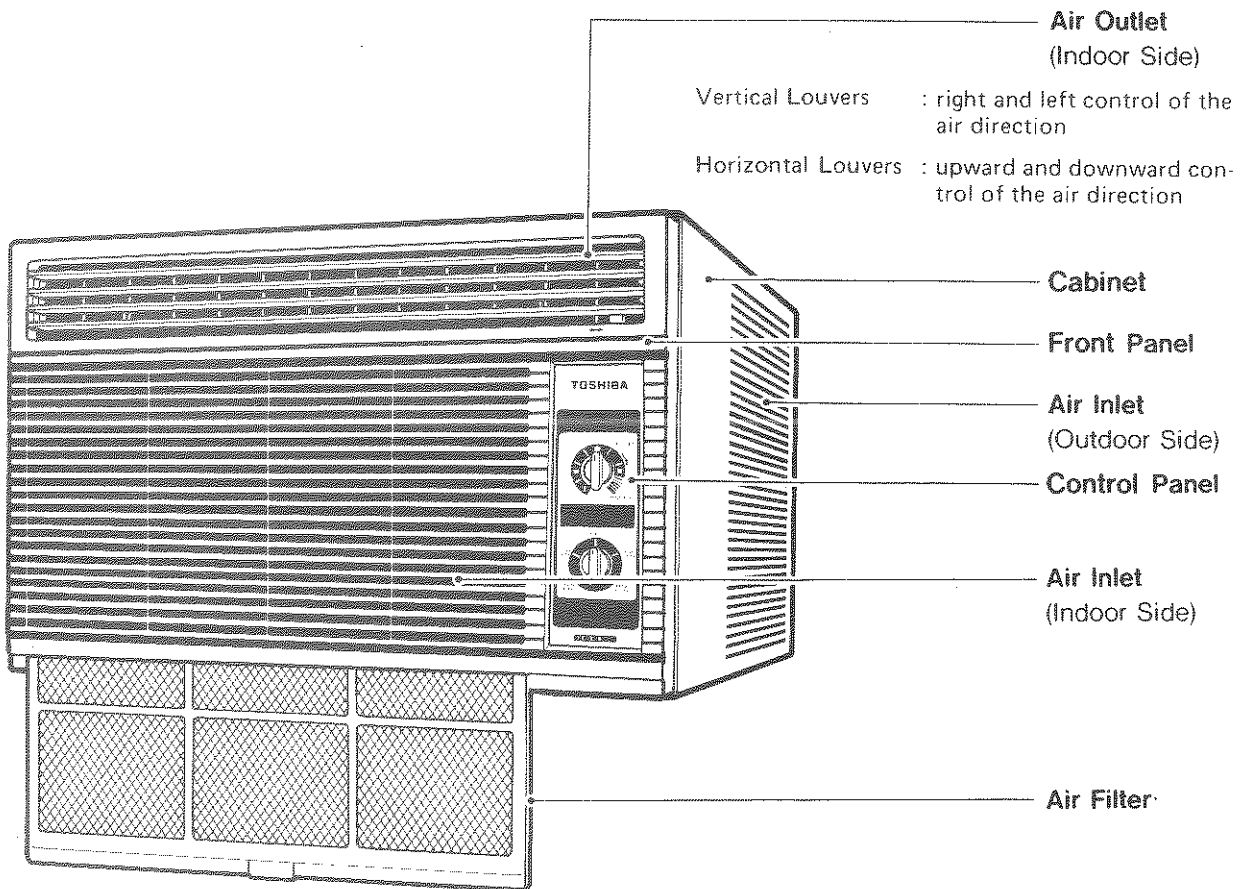


Thank you very much for purchasing our TOSHIBA Air Conditioner. Please read this owner's manual carefully before using your Room Air Conditioner.

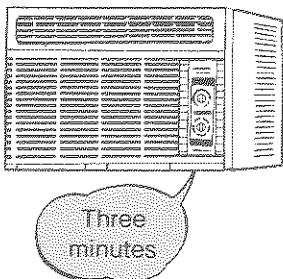
CONTENTS

PARTS NAME	1
OPERATING PRECAUTIONS	1
PRECAUTIONS FOR PROPER USE OF AIR CONDITIONER	2
OPERATION	3
FOR MAINTENANCE	6
TROUBLES AND CAUSES	7
SPECIFICATIONS	9
TOSHIBA AIR CONDITIONER WARRANTY	10

PARTS NAME

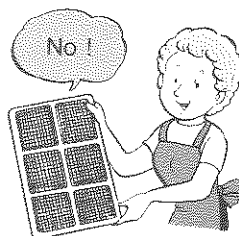


OPERATING PRECAUTIONS



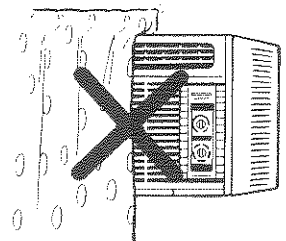
Wait at least three minutes!

Be sure to keep the unit turned off for at least three minutes before restarting cooling operation. Otherwise, the fuse may blow due to excessive load applied to the machine.



Attach air filter

Before starting air conditioner operation, make sure that the air filter is in place. Always clean the air filter at the beginning of the season. Clean it every two weeks during the season.



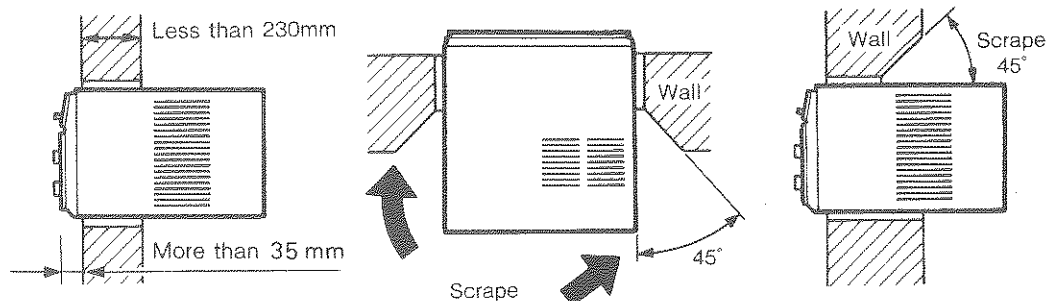
Before turning ON the selector switch, make sure that the air inlet and air outlet are not obstructed by something.

PRECAUTIONS FOR PROPER USE OF AIR CONDITIONER

In order to assure safe and trouble-free operation for an extended period of time, observe the following instructions.

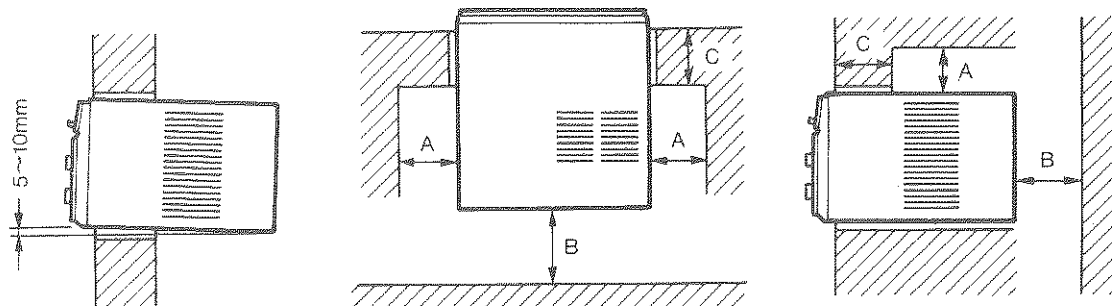
Location of installation

- Install the unit at a place having sufficient strength to support the unit securely.
- Provide sufficient clearance or space around the air inlet and air outlet so that air flow will not be obstructed. (See following figure)
- Do not install the unit at a place where leakage of combustible gas is suspected.
- If the air conditioner is operated in an atmosphere containing oils (including machine oil), salt near a coastal area, sulfide gas near a hot spring, etc., such substances may lead to failure of the unit.



Wall thickness is less than 230mm
Keep more than 35mm from the wall to the front of the air conditioner.

If the wall thickness is more than 230mm scrape the wall as shown above.



Make rear side lower so that water will drain out smoothly.

Provide sufficient space at outdoor side.

(A) More than 400mm

(B) More than 500mm

(C) Less than 230mm.

- This air conditioner is designed to be operated under conditions as follows.

temperature	cooling	inside	21~32°C
		outside	21~43°C
	heating	inside	below 24°C
		outside	0~21°C
acceptable power source	frequency		50 ± 2Hz
	voltage		216~264V

Electrical wiring

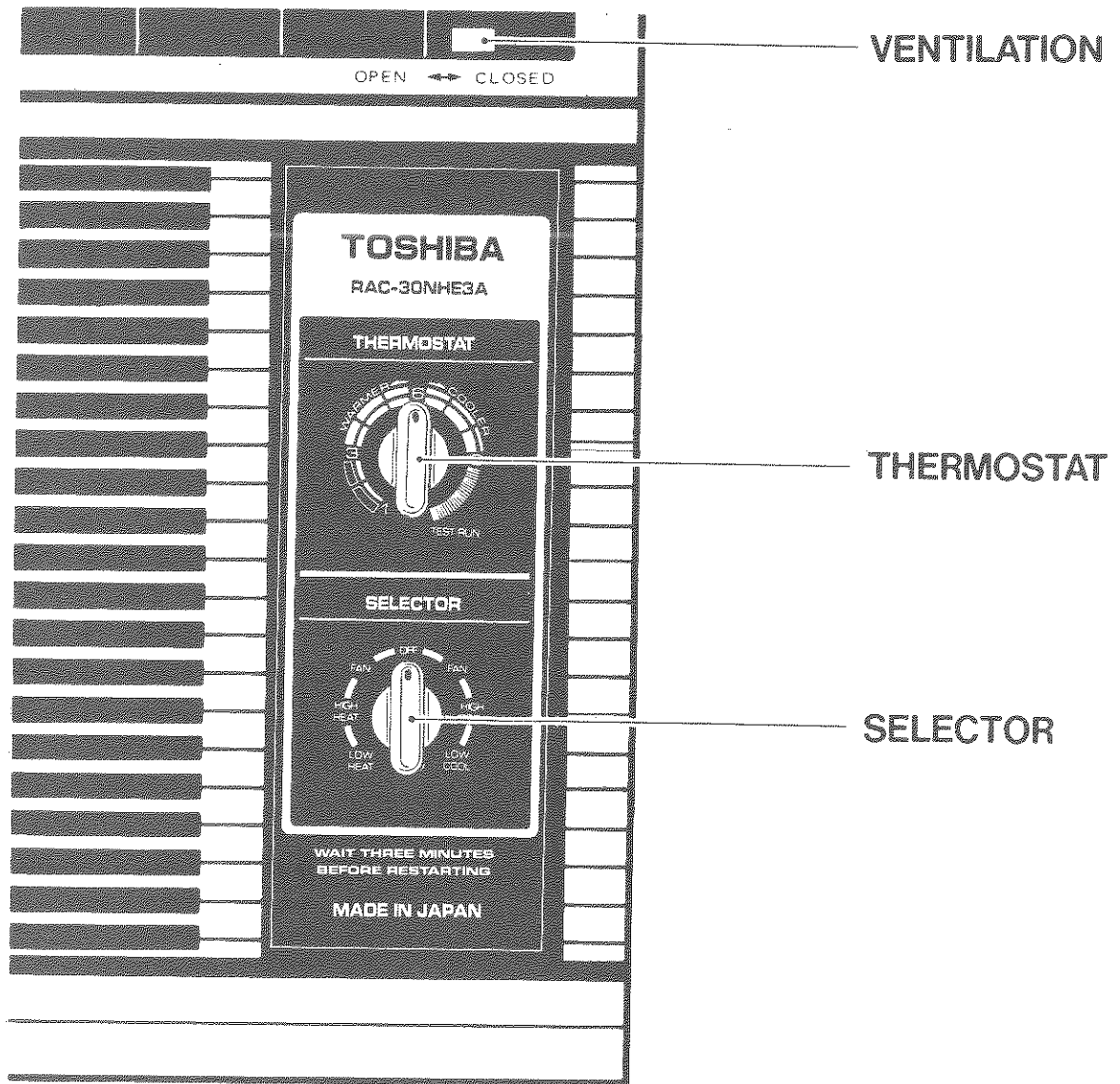
Be sure to use an exclusive line.

Relocation

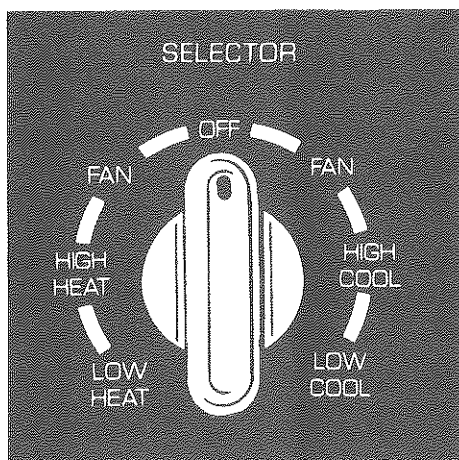
When changing the mounting location of the air conditioner, consult the selling agent from which you bought your unit.

OPERATION

● CONTROLS NAME

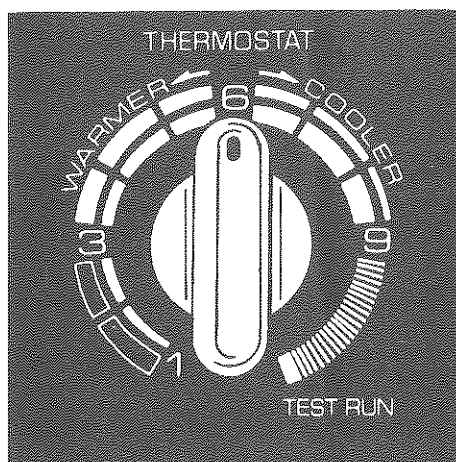


● SELECTOR KNOB



- OFF** This position stops all operations of the air conditioner.
- HIGH COOL** This position provides the maximum air flow for rapid cooling, dehumidifying and dust removing operations (use this position on sultry summer days).
- LOW COOL** This position provides the minimum air flow for quiet cooling, dehumidifying and dust removing operations. (Suitable for night-time use)
- FAN** This position provides fan operation alone for circulation and dust removal from room air.
- HIGH HEAT** This position provides the maximum air flow for rapid heating and dust removing operations.
- LOW HEAT** This position provides the minimum air flow for quiet heating and dust removing operations.

● THERMOSTAT KNOB



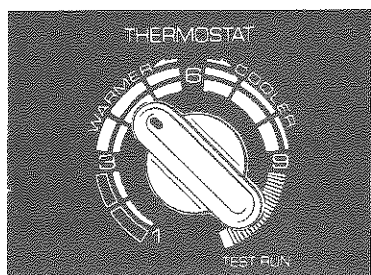
The thermostat automatically starts and stops the operation in order to keep the room temperature at a proper level, and this results in efficient use of power and economical cooling.

Operate the thermostat knob as shown. The TEST RUN position is provided for test runs of the unit, and automatic temperature control is cut off at this position. Do not use this position for ordinary operation.

● VENTILATION KNOB

Usually this knob is kept at "CLOSED" position.
The position marked "OPEN" is used only for ventilation.

●Cooling Operation

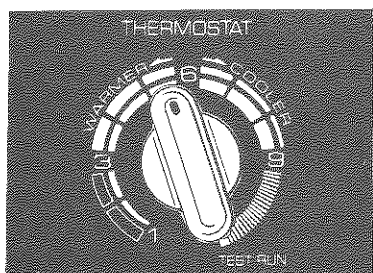


- (1) Set the selector knob at the high cool or low cool position.
- (2) Adjust the thermostat knob usually into the range between (4) and (5).
If the room temperature is too cool, turn the thermostat knob counterclockwise.

CAUTION

- During cooling operation, if you have turned the Thermostat knob in the direction from (9) to (1), be sure to wait at least three minutes before returning the knob back toward (9). Immediate returning of the knob may cause undue load to be applied to the machine, resulting in a blown fuse.
- The knob does not go over the range between (1) and (TEST RUN).

●Heating Operation



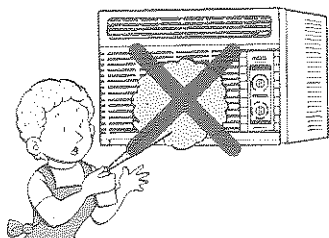
- (1) Set the selector knob at the high heat or low heat position.
- (2) Adjust the thermostat knob usually into the range between (5) and (6).
If the room temperature is too warm, turn the thermostat knob clockwise.

CAUTION

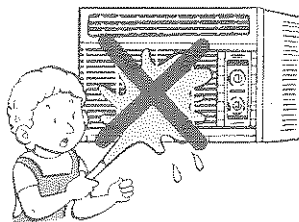
- Do not set the thermostat knob into the range between (1) and (3). If the thermostat knob is set at this position, air conditioner may cause undue load to be applied to the machine. In this case, overcurrent relay will be cut off.
- During heating operation, if you have turned the thermostat knob in the direction from (3) to (9), be sure to wait at least three minutes before returning the knob back toward (3).
Immediate returning of the knob may cause undue load to be applied to the machine, resulting in a blown fuse.
- Heating operation of this air conditioner is carried out by "Reverse Cycle System", without electric heater.
When outdoor temperature is relatively low, the condenser may frost over during the heating operation. In this case, the defrosting device is switched on automatically and the frost is dissolved.
During the defrosting process, the fan is stopped and accordingly the unit does not emit warm air. This does not indicate trouble but ensures the most effective and quickest possible defrosting.
In 3 to 12 minutes, the defrosting is completed and the total system is returned to normal heating operation.

FOR MAINTENANCE

When servicing the air conditioner, be sure to turn off the selector switch.



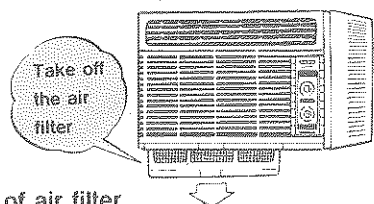
Do not use gasoline, benzene, thinner or other chemicals, or any liquid insecticide on the air conditioner, use of these may cause flaking off of paint, cracking or deformation of plastic parts.



Never attempt to clean the unit by pouring water directly on it as this will cause deterioration of the electrical insulation.

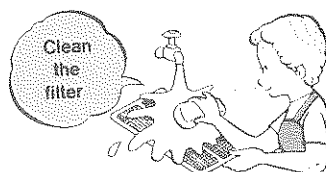
Cleaning of air filter

If the air filter becomes clogged with dust, smooth air flow is obstructed and cooling efficiency becomes low. Clean the air filter every two weeks.



Removal of air filter

Take off the air filter from the front panel.



Cleaning of air filter

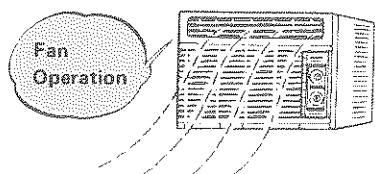
- (1) Remove the dust clogged in the filter by tapping it.
- (2) Wash the filter well with lukewarm water of less than 40°C (104°F) while rubbing lightly. To get better results, wash it with soapy water or a neutral cleaning agent.
- (3) After dust is removed, rinse the filter well using clean water and dry it completely.

CAUTION

If the air conditioner is operated without an air filter, dust is not removed from the room air, and resultant accumulation in the machine may lead to a failure.

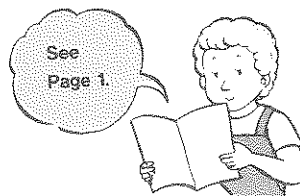
Do not forget to install the air filter. When the air inlet grille and cabinet are dirty, wipe with lukewarm water (below 40°C). Use of a mild detergent is recommended.

Off-season care



- (1) Operate the fan alone for half a day to dry out the inside of the unit.
- (2) Turn off power and remove plug from wall socket.

In-season care

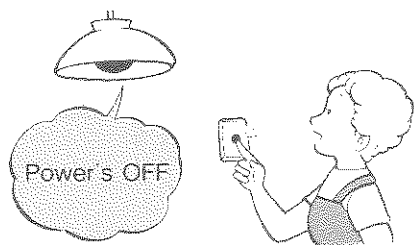


- (1) Read "Operating Precautions" on page 1.

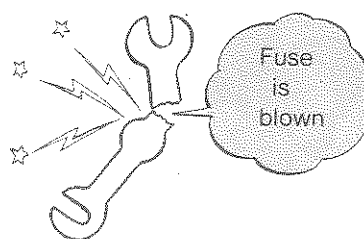
TROUBLES AND CAUSES

Before requesting servicing, check the following points.

No air flow

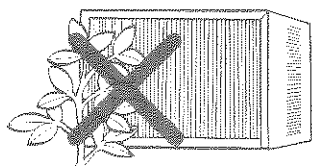


See if power is cut off.

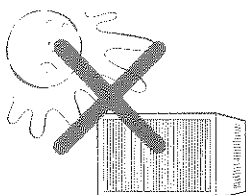


See if fuse is blown.

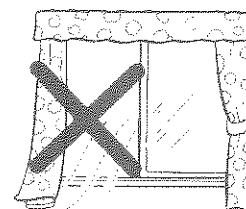
Poor cooling though air flows out normally



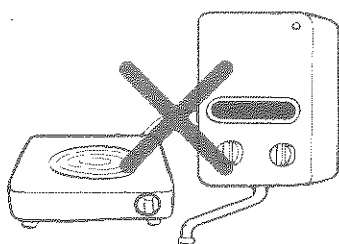
Outdoor side air outlet or inlet is blocked or ventilation is poor.



Outdoor side temperature is abnormally high due to application of direct sunlight or heat from some other source.



Door and window are open.



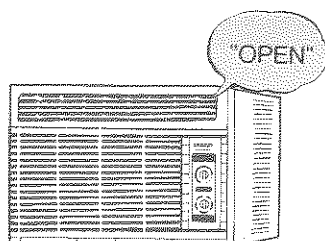
Water heater or cooking stove is used in the room.



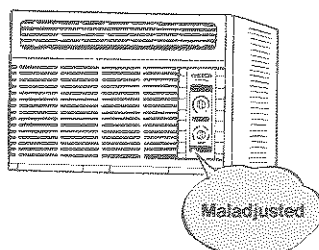
There are too many people in the room.



Air filter is clogged with dust.

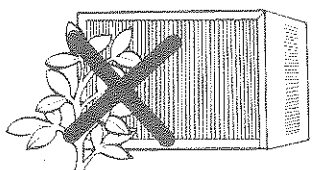


Ventilation knob is set at "OPEN".

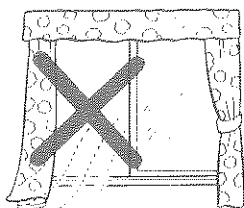


Thermostat knob is not adjusted correctly.

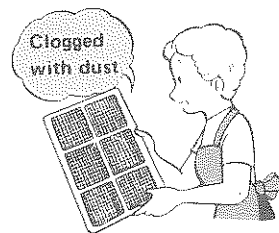
Poor Heating though air flows out normally



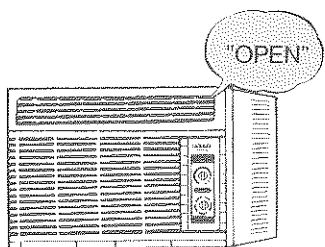
Outdoor side air outlet or inlet is blocked or ventilation is poor.



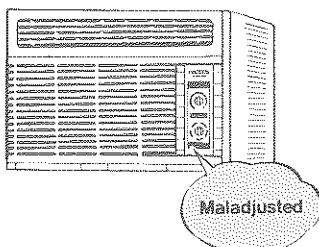
Door and window are open.



Air filter is clogged with dust.



Ventilation knob is set at "OPEN".



Thermostat knob is not adjusted correctly.

SERVICING

If your air conditioner malfunctions, immediately turn off the selector switch. Then, contact the selling agent of your unit, giving the model name and a description of the trouble, and ask them for servicing. Never attempt to repair the unit by yourself.

SPECIFICATIONS

Model			RAC-30NHE3A		RAC-22NHE3A	
Rated Voltage		(V)	240			
Frequency		(Hz)	50			
			Cooling	Heating	Cooling	Heating
※ Capacity (AS)		(W)	3,370	3,520	2,520	2,780
Capacity		(W)	3,520	3,520	2,640	2,780
Moisture removal		(kg/h)	2.0	—	1.2	—
Rated current		(A)	6.1	5.3	5.1	4.6
Input wattage		(W)	1,410	1,200	1,125	1,000
Power factor		(%)	96	94	92	91
Air-circulation		(ℓ/S)	180		153	
Selector switch			7-steps rotary type			
Thermostat			Yes			
Ventilation			Yes			
Dimention	Width	(mm)	660			
	Height	(mm)	400			
	Depth	(mm)	600			
Net weight		(kg)	51		45	
Refrigerant			R-22			
Compressor motor protection			Over current relay			

Specifications are subject to change without notice for further improvement.

※ This value particularly as marked is rated in accordance with AS1861.

TOSHIBA AIR CONDITIONER WARRANTY

Complete the details and retain this warranty for presentation in the event of warranty service being required.

PURCHASER'S NAME

ADDRESS

CITY

STATE

POST CODE

MODEL NO.

SERIAL NO.

DATE OF PURCHASE

INVOICE/SALES DOCKET NO.

RETAILER'S NAME

ADDRESS

CITY

STATE

POST CODE

TERMS OF WARRANTY

In the event of any defect becoming apparent in this product due to either **FAULTY MATERIAL** or **WORKMANSHIP** within a period of 12 months from date of original purchase, such defect will be rectified, without cost to you for either labour or material, at the premises of TOSHIBA's authorised service centre.

An additional warranty period of 48 months is applicable to the sealed refrigeration system and such parts will be replaced or repaired without cost in the event of any defect becoming apparent. However, the charge for labour incurred in replacing or repairing such parts must be borne by the owner.

The above warranty is subject to:

1. Particulars of the model and serial number, the date of original purchase and invoice/sales docket number being given to the authorised service centre when a claim under warranty is made.
2. All (a) damage resulting from incorrect installation or use other than in accordance with the operating instructions issued by the Company; (b) consequential damage, being excluded from this Warranty.
3. The Warranty being rendered invalid if the product is misused or if any unauthorised alteration, modification, or substitution of any part of the product be made or the serial number of the product is defaced or altered.
4. Cost of transportation both ways to and from the authorised service centre being met by the owner if it is necessary to return the product or any part to an authorised service centre.
5. A charge being accepted by the owner for travelling expenses incurred in connection with warranty service at the user's

home except where the user's home is within the prescribed service area of the authorised service centre.

6. The Warranty not applying except to the servicing within Australia of products purchased in Australia.

If any legislation whether Federal or State applies to this transaction, certain non-excludable conditions and warranties may be implied and certain non-excludable rights may arise but except for such conditions, warranties and rights, all conditions and warranties which might otherwise be implied in this transaction are hereby excluded and negated.

IMPORTANT NOTICE

1. TOSHIBA (AUSTRALIA) PTY. LIMITED has arranged for authorised service centres to perform all after-sales and warranty service on its behalf.
2. The authorised service centre can accept no responsibility for damage in transit to and from his premises.
3. If the product or any part is returned to an authorised service centre for any cause not covered by this warranty, all costs involved, including a charge for inspection and handling must be paid to the authorised service centre.
4. Charges not covered by the terms of this Warranty must be borne by the owner. Such charges may arise through the cost of any service call where (A) the product is found to be in good working order or (B) the defect is due to for example, incorrect installation, maladjustment of user controls, or failure to follow operating instructions, mains supply defects or external interference.
5. No retailer has authority to vary the terms of the above warranty.

TOSHIBA (Australia) Pty. Limited (Incorporated in N.S.W.)
84-92 Talavera Road, North Ryde, N.S.W. 2113

Details of Authorised Service Centres may be obtained from any TOSHIBA state office:

N.S.W.	Head Office, Service Division, 84-92 Talavera Road, North Ryde, 2113	Tel. (02) 887 6090
VIC.	17-19 Rosemary Court Mulgrave, 3170	Tel. (03) 566 1790
QLD.	Cnr Shand & Byth Streets, Stafford 4053	Tel. (07) 352 9898
S.A.	252 Halifax Street, Adelaide, 5000	Tel. (08) 223 5477
W.A.	Cnr Great Eastern Highway & Epsom Avenue, Belmont.	Tel. (09) 277 9670



TOSHIBA CORPORATION
MADE IN JAPAN

(E075001502)