



Sears Services Training and Education

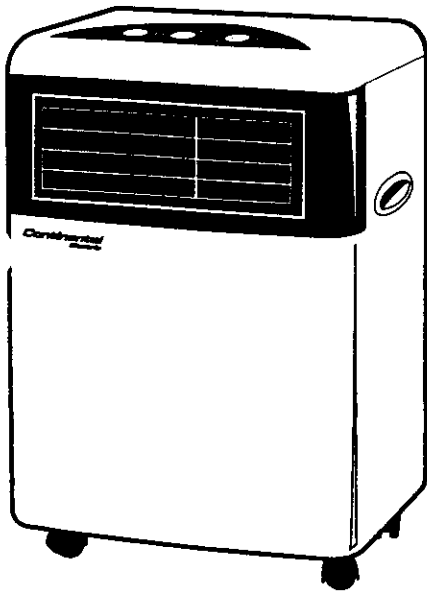
Continental Electric

Included in this manual is all available information covering the Continental portable air conditioners. Models are being sold outside the U.S. as well as inside the U.S. Although the units may have different model numbers, both the customer and service information are the same. Listed below are the European model numbers and the corresponding U.S. model numbers:

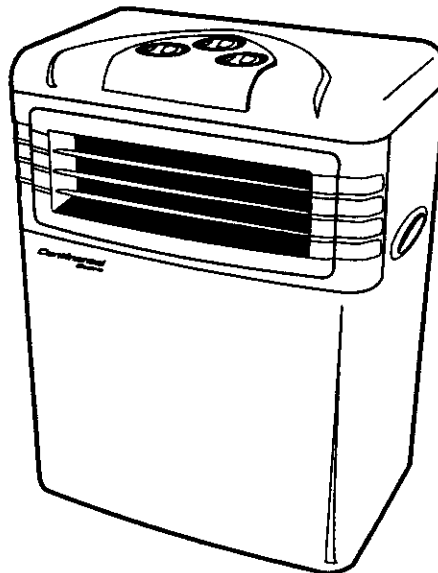
| European Model # | U.S. Model # |
|-------------------------|---------------------|
| PAC-800 | CE71096 |
| PAC-88 | CE72096 |
| PAC-88E | CE73096 |
| WA-9000 | CE75096 |
| WA-9000E | CE76096 |
| WA-9000ER | CE77096 |
| WA-12000 | CE75126 |
| WA-12000E | CE76126 |
| WA-12000ER | CE77126 |

Continental ***Electric***

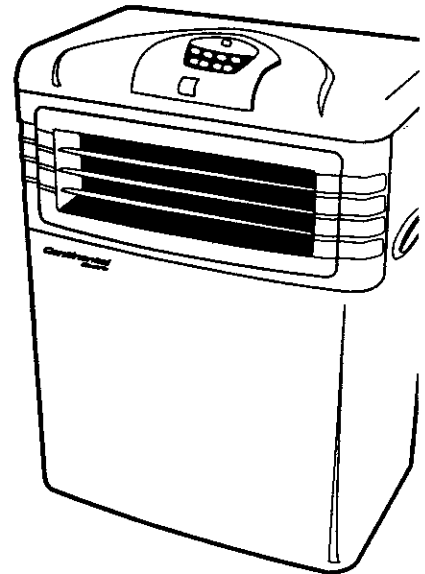
Portable Air Conditioner **Climatiseur Portatif** **Aire Acondicionado Portatil**



CE71096



CE72096



CE73096

INSTRUCTION MANUAL **GUIDE DE L'UTILISATEUR** **MANUAL DE INSTRUCCIONES**

Model/Modelo:

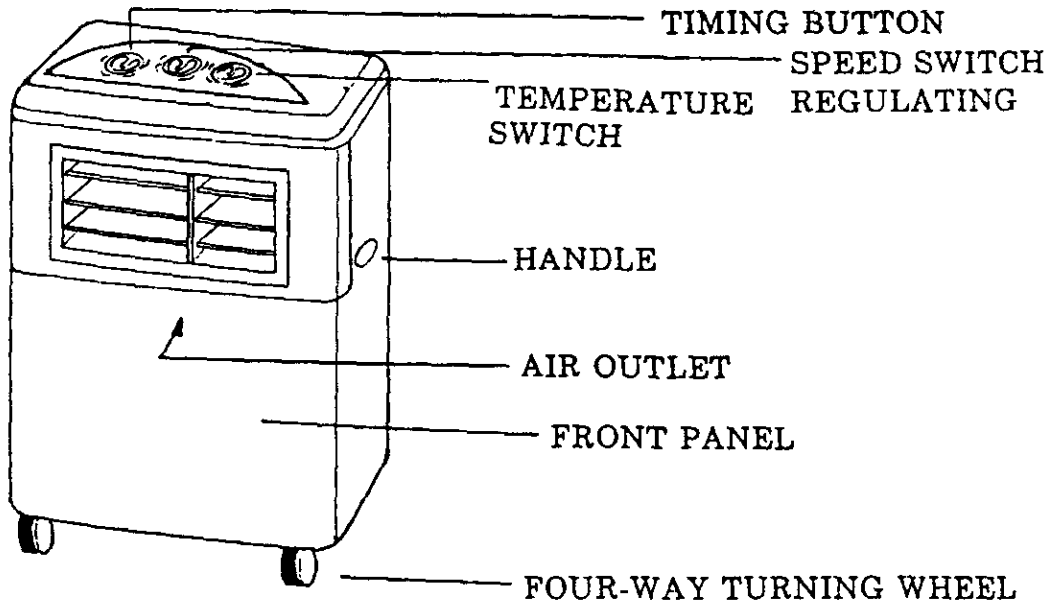
CE71096

CE72096 Mechanical

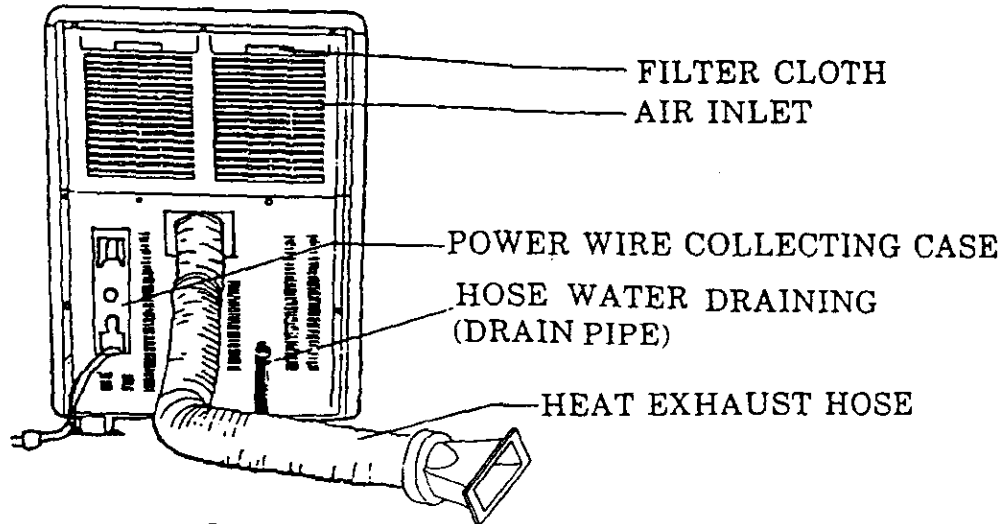
CE73096 Electronic

DESCRIPTION OF COMPONENTS

FRONT

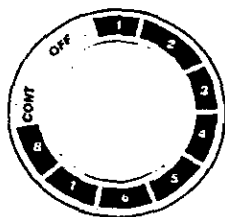


REAR

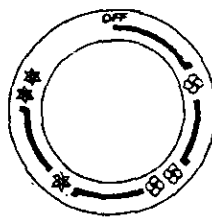


CONTROL PANEL

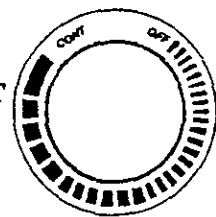
TIMER



SPEED

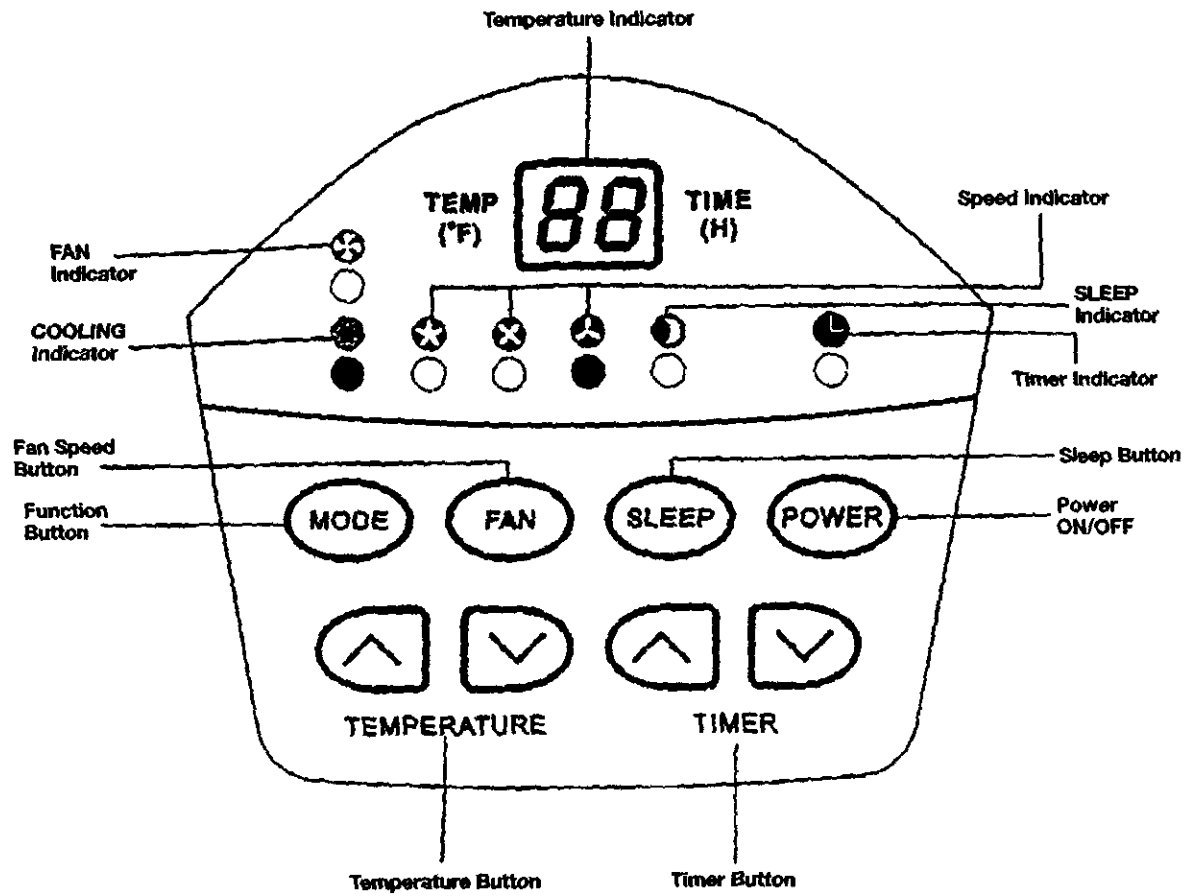


THERMOSTAT



Description of Control Panel

Model/Modelo: CE73096



MODEL/MODELO: CE73096

Mode Indicator

When any of the indicators illuminates, it means the air conditioner is in the indicated function mode.

Speed Indicator

When any of the indicators illuminates, it means the air conditioner runs under the indicated speed (low speed, mid speed, high speed).

Timer Indicator

If Timer Indicator illuminates, it means air conditioner works periodically. While Timer Indicator does not illuminate, it means air conditioner is in continuous operation.

Green light: preset time period required to switch off air conditioner

Red light: preset time period required to switch on air conditioner

Sleep Indicator

When Sleep Indicator illuminates, it means sleep mode is in use.

Temperature Indicator

The indicated number means the preset temperature or hour of timer.

Power ON/OFF

Press this button to start the operation based on the selected function. Press this button again to stop the operation (restore to standby mode).

Functions Button

Press this button to select "Fan" or "Cooling" function.

Fan: When the indicator illuminates, it means fan operates only and compressor does not work.

Cooling: When the indicator illuminates, it means air condition is in cooling operation.

Fan Speed Button

Press this button to select fan speed.

Low Speed: Air conditioner runs in low speed.

Mid Speed: Air conditioner runs in mild speed.

High Speed: Air conditioner runs in high speed.

Timer Button

Use the button to set time hour in the range of 24 hours.

Preset to power on: When air condition is in standby mode, press Timer button, Timer Indicator will change to be red, then set the time hours required to switch on the air conditioner.

Temperature Button

Room temperature can be set between 60°F - 86°F cooling temperature is usually set between 78°F - 82°F

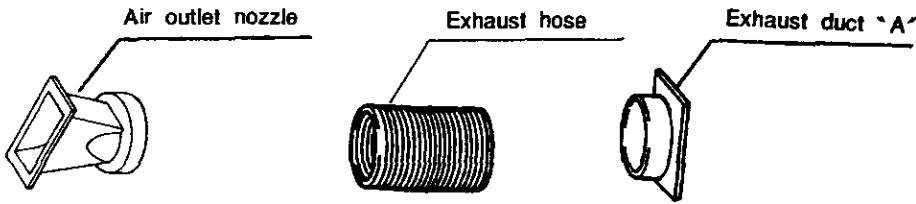
Sleep Button

Sleep Indicator will illuminate after pressing this button. The cooling temperature will become 1°F higher after 30 minutes, and 1°F higher again after another 30 minutes, and 1°F higher again 60 minutes later. Then the temperature will no longer increase. Press this button again to disable sleep function and the air conditioner will restore to the original temperature.

DESCRIPTION OF OPERATION

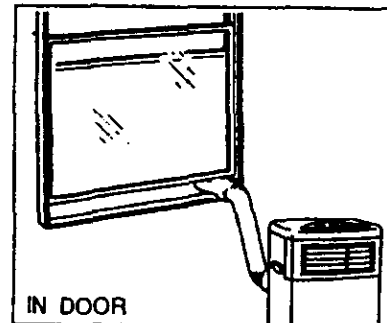
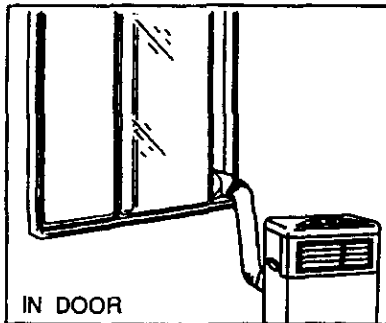
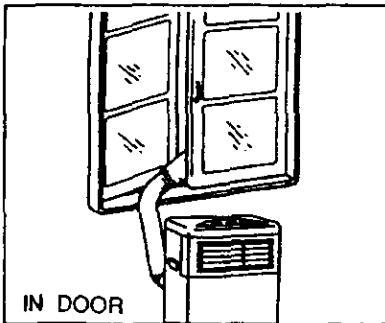
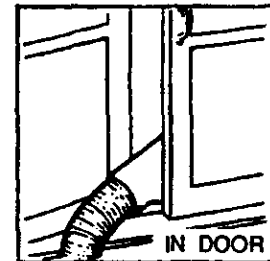
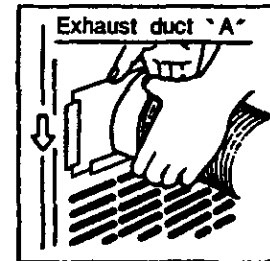
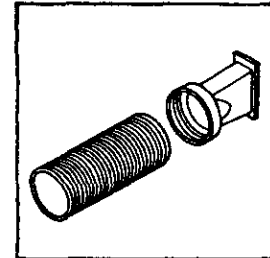
A. Connect exhaust hose to the back of the unit.
Extend hose to desired length and connect with window kit.

USING EXHAUST DUCT SET



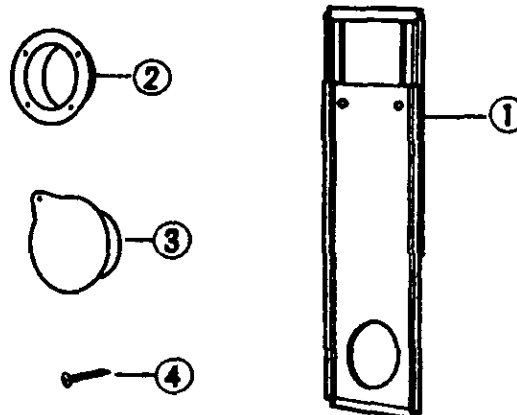
Assembly & Installation:

1. Insert ends of Exhaust hose into air outlet nozzle and Exhaust duct "A" by twisting until it stops.
2. Fix the Exhaust duct "A" to the exhaust outlet on the rear of the unit. This is achieved by sliding the appropriate connector downwards over the exhaust outlet ensuring that the lugs on the outlet are engaged with the grooves on the connector.
3. Extend the Exhaust hose and close the Window as far as possible trapping the air outlet nozzle.



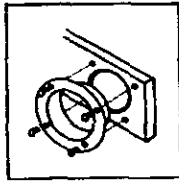
USING WINDOW PANEL KIT

- ① Plastic panel 1 piece
- ② Nozzle fitting 1 piece
- ③ Exhaust cover 1 piece
- ④ Screws 4 pieces

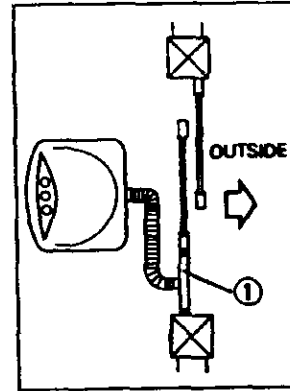
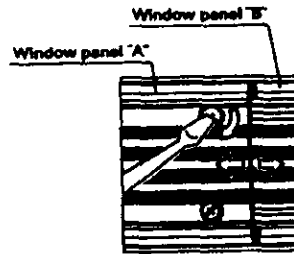


Assembly & Installation Of Panel:

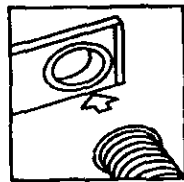
1. Fix Nozzle fitting ② to Plastic panel ① by four screws ④.



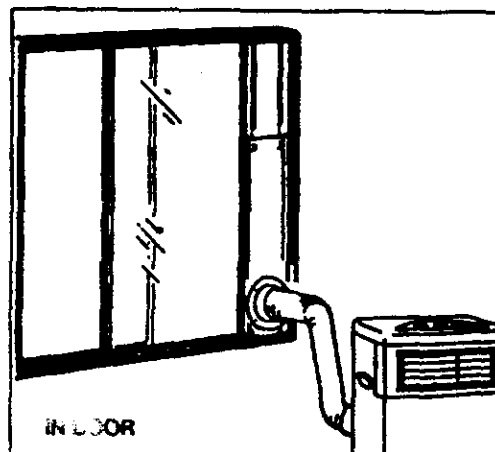
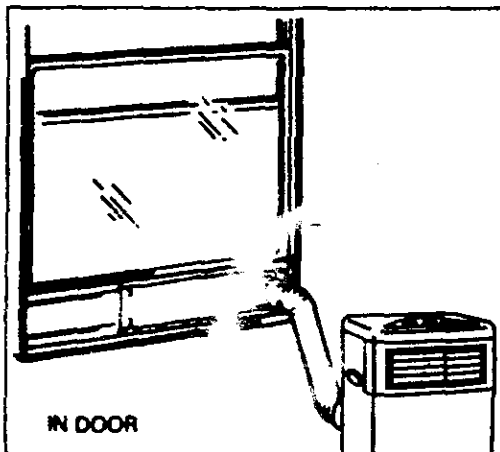
2. Install the panel in the window and adjust the length of the panel by lengthening or shortening.



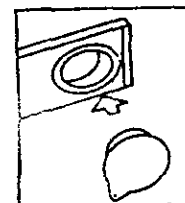
3. Slide Exhaust hose into Nozzle fitting ② until it locks.



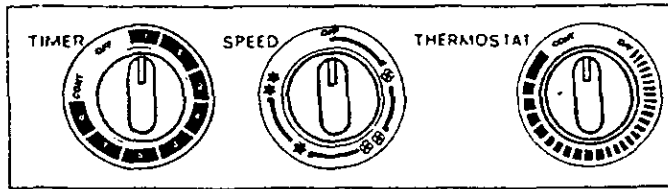
4. Fix Exhaust dust "A" into the exhaust outlet on the rear of the unit. **Note:** The same procedure can be adapted for vertical installation in sliding windows.



5. If the unit is not being used, please remove the Exhaust Hose then insert the exhaust cover into Nozzle fitting.



B. When the timer is turned to the "ON" position. It will be in continuous operation. When the timer is turned to 8, It will be continuously operated for 8 hours and then shut down. You may freely adjust to your preferred time period according to your needs.



C. The selection of the cooling air speeds:

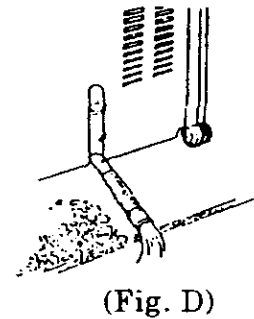
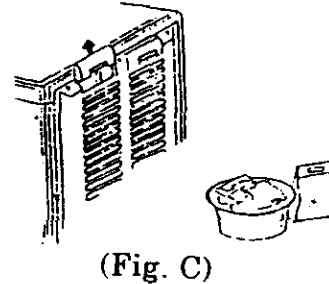
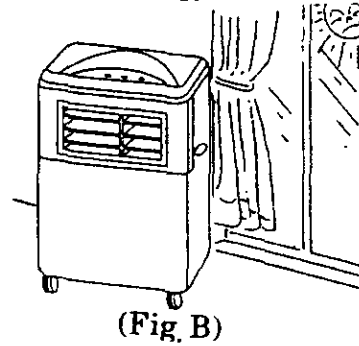
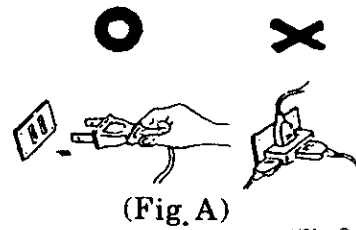
- ⊗ light air ⊗⊗ strong air
- ⊗* light cooling ⊗*⊗* strong cooling

D. The adjustment of temperature regulator:

Turn the rotary switch clockwise from light cooling to strong cooling at the top point.

NOTES IN OPERATION

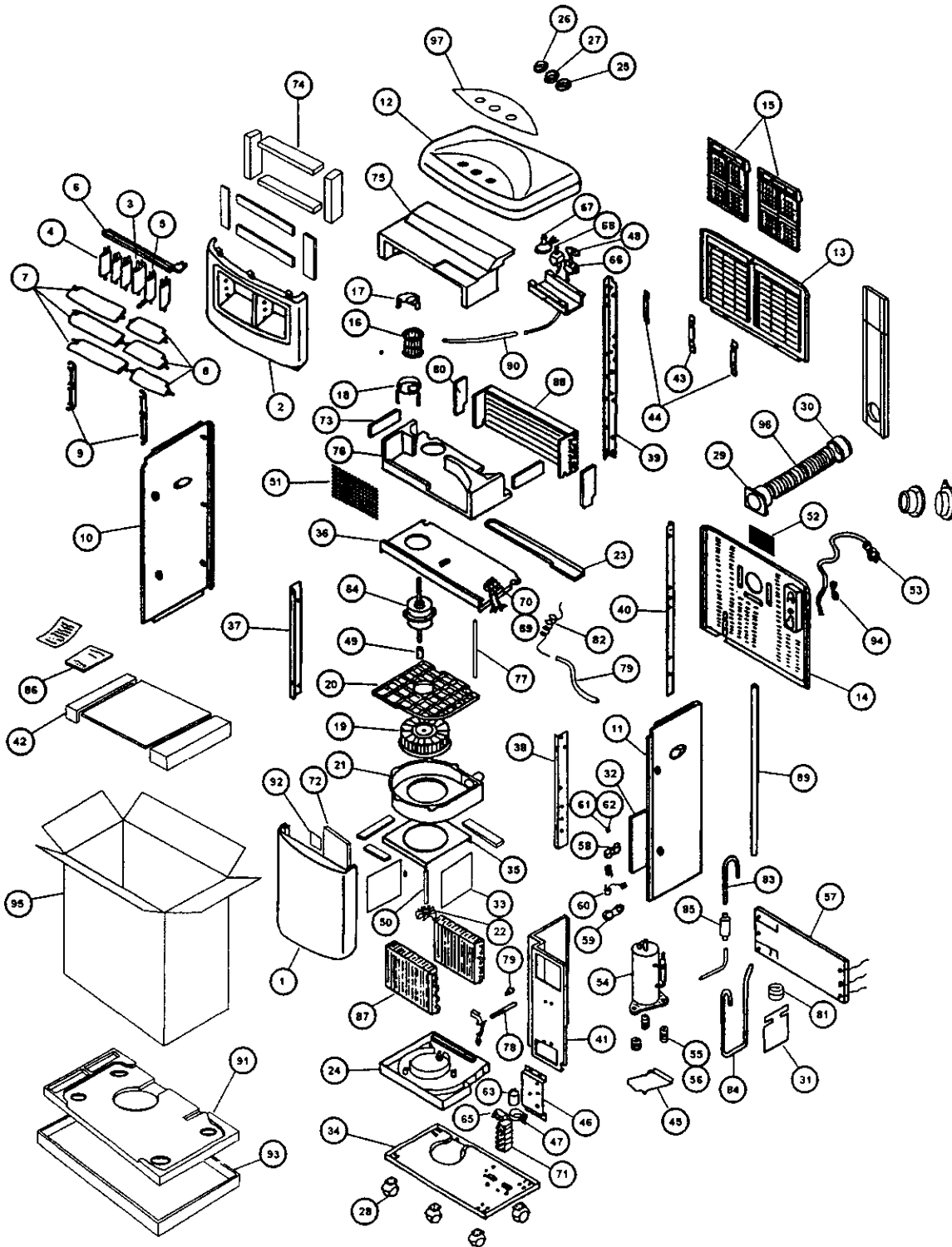
1. You should wait 20 minutes before starting the unit to assure that the coolant can flow back to the compressor.
2. Please wait 3 minutes before restarting the unit after a normal shutdown so as to prolong the compressor's life.
3. Using the electric outlet for the air conditioner. (Fig. A)
 - ① The outlet shall be for exclusive use only, sharing use with other appliances is forbidden.
 - ② The outlet shall be equipped with 20 A safety fuse.
4. The air conditioner should not be located in direct sunlight. (Fig. B)
5. Operate unit on a flat surface.
6. Check the filter at least once a month in order to maintain the highest cooling efficiency. (Fig. C)
7. If the unit is not being used for a long period of time. Please remove the plug to drain out the water completely. (Fig. D)



UNIQUE ADVANTAGES OF THIS MODEL

1. This model operates easily for the customer's convenience. The manual control panel has a timer, thermostat, and two speed cooling.
2. This portable air conditioner does not require water to be added. The unit has a unique design which evaporates water. Therefore no condensate tank is necessary.
3. Window panel kit and exhaust hose are included with the unit to vent hot air.
4. Full directional adjustable casters move the unit easily.
5. The filter screen is designed for easy cleaning.

Exploded view



Parts List – PAC – 800 (CE71096)

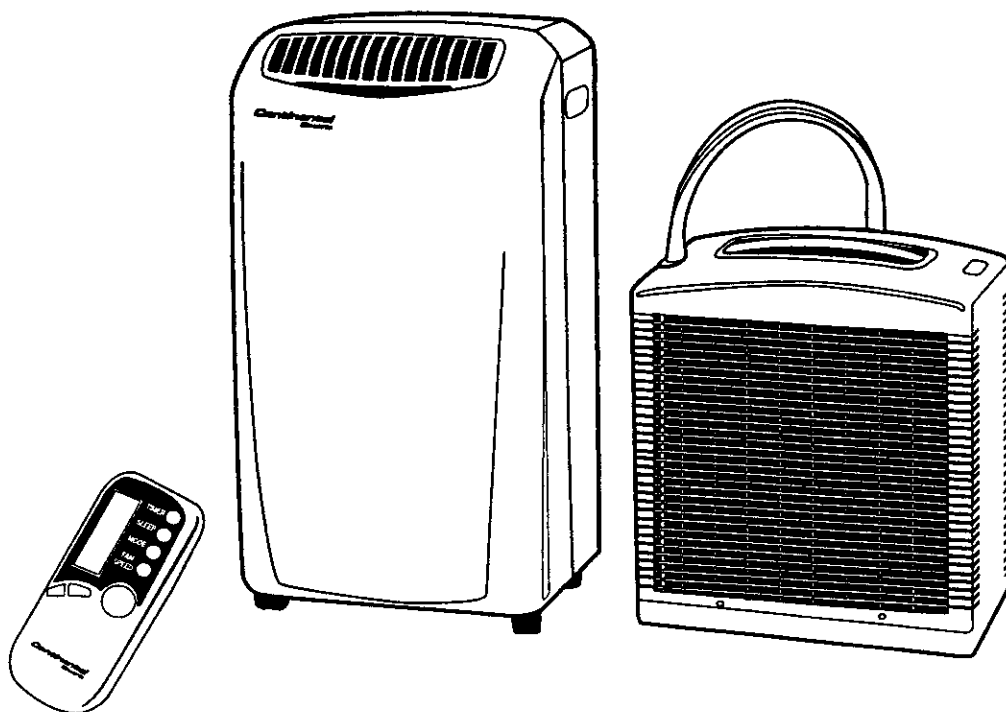
| # | PARTS | Quantity | MATERIAL CODE | REMARK |
|----|-----------------------------|----------|---------------|--------|
| 1 | FRONT PANEL | 1 | A4200-020 | |
| 2 | DISCHARGE GRILLE (COMPLETE) | 1 | A4237-030 | |
| 3 | VAN-AIR DEFLECTOR | 1 | A4242-020 | |
| 4 | VAN-AIR DEFLECTOR | 4 | A4242-030 | |
| 5 | VAN-AIR DEFLECTOR | 1 | A4242-040 | |
| 6 | BAR | 1 | A4250-010 | |
| 7 | VAN-AIR DEFLECTOR | 3 | A4242-050 | |
| 8 | VAN-AIR DEFLECTOR | 3 | A4242-060 | |
| 9 | BAR | 2 | A4250-020 | |
| 10 | SIDE PLATE | 1 | A4210-040 | |
| 11 | SIDE PLATE | 1 | A4210-050 | |
| 12 | TOP COVER PLATE | 1 | A4205-020 | |
| 13 | REAR COVER | 1 | A4218-050 | |
| 14 | REAR COVER | 1 | A4218-060 | |
| 15 | AIR FILTER | 2 | A7300-030 | |
| 16 | BLOWER WHEEL | 1 | A5303-030 | |
| 17 | SHOCK ABSORBER | 1 | A7107-050 | |
| 18 | SHOCK ABSORBER | 1 | A7107-060 | |
| 19 | BLOWER WHEEL | 1 | A5303-010 | |
| 20 | FAN CASING COVER | 1 | A5312-010 | |
| 21 | FAN CASING | 1 | A5300-060 | |
| 22 | BLADE | 1 | A5310-020 | |
| 23 | DRAINAGE PAN | 1 | A5000-040 | |
| 24 | DRAINAGE PAN | 1 | A5000-050 | |
| 25 | KNOB | 1 | A4233-060 | |
| 26 | KNOB | 1 | A4233-040 | |
| 27 | KNOB | 1 | A4233-050 | |
| 28 | TURING WHEEL | 4 | A7402-020 | |
| 29 | FIX TURE | 1 | A5811-060 | |
| 30 | FIX TURE | 1 | A5811-070 | |
| 31 | FOAM | 1 | E3AF95-140 | |
| 32 | FOAM | 1 | U1AF34-210 | |
| 33 | SLINGER UP COVER | 1 | A01-168-215 | |
| 34 | BASE PAN | 1 | A4800-040 | |
| 35 | PLATE | 1 | A5700-050 | |
| 36 | PLATE | 1 | A5700-060 | |
| 37 | STRIKE | 1 | A5802-150 | |
| 38 | STRIKE | 1 | A5802-160 | |
| 39 | STRIKE | 1 | A5802-170 | |
| 40 | STRIKE | 1 | A5802-180 | |
| 41 | PLATE | 1 | A5700-070 | |
| 42 | SHOCK ABSORBER | 2 | A7107-040 | |
| 43 | STRIKE | 1 | A5802-200 | |
| 44 | STRIKE | 4 | A5802-210 | |

| | | | | |
|----|-------------------------------|---|---|--|
| 45 | FIXTURE | 1 | A5811-090 | |
| 46 | FIXTURE | 1 | A5811-100 | |
| 47 | FIX METAL | 3 | A5806-100 | |
| 48 | STRIKE | 1 | A5802-220 | |
| 49 | CONNECTING SLEEVE | 1 | A5813-010 | |
| 50 | PADDLE SHAFT | 1 | A7308-010 | |
| 51 | IRON SCREEN | 1 | A7204-010 | |
| 52 | IRON SCREEN | 1 | A7204-020 | |
| 53 | POWER SUPPLY CORD COMPLETE | 1 | A3700-030 | |
| 54 | COMPRESSOR ASS'Y | 1 | A3200-010 A3200-020 A3200-030 A3200-040 A3200-060 A3200-070 A3200-080 | |
| 55 | RUBBER | 3 | A5600-020 | |
| 56 | VIBRATION PROOF SLEEVE | 1 | A3208-010 | |
| 57 | SOUND ARRESTER | 1 | A5500-040 | |
| 58 | CAP | 1 | A6100-060 A6100-070 A6100-080 | |
| 59 | GASKET | 1 | A3204-090 | |
| 60 | OVER LOAD PROTECTOR | 1 | A2513-010 A2513-020 A2513-030 A2513-040 A2513-050 A2513-060 A2513-070 | |
| 61 | GASKET | 1 | A3204-100 | |
| 62 | NUT | 1 | SCR6 | |
| 63 | CAPACITOR | 1 | A2509-010 A2509-020 A2509-030 A2509-040 A2509-090 A2509-110 | |
| 64 | FAN MOTOR | 1 | A3000-120 A3000-110 A3000-100 | |
| 65 | CAPACITOR | 1 | A2509-120 A2509-130 | |
| 66 | THERMOSTAT SWITCH | 1 | A2500-010 | |
| 67 | TIME SWITCH | 1 | A2503-010 A2503-020 | |
| 68 | ROTARY SWITCH | 1 | A2502-010 | |
| 69 | TERMINAL BLOCK | 1 | A2525-010 | |

| | | | | |
|----|--------------------------------|---|------------------------|--|
| 70 | TERMINAL BLOCK | 1 | A2525-040 | |
| 71 | TERMINAL BLOCK | 1 | A2525-050 | |
| 72 | FOAM | 1 | U10AF270-355 | |
| 73 | FOAM | 1 | D3AF60-200 | |
| 74 | FOAM | 2 | U10AF3S-365 | |
| 75 | FAN CASING | 1 | A5300-070 | |
| 76 | FAN CASING | 1 | A5300-080 | |
| 77 | DRAIN PIPE IN UNIT | 1 | V1.5P12-360 | |
| 78 | DRAIN PIPE OUT UNIT | 1 | V2.5P10-160 | |
| 79 | SOFT CAP | 1 | A7307-010 | |
| 80 | FOAM | 1 | E3AF115-300 | |
| 81 | VIBRATION PROOF RUBBER | 1 | A5601-020 | |
| 82 | CAPILLARY TUBE | 3 | A6204-050 A6204-060 | |
| 83 | SUCTION PIPE | 1 | A6227-030 | |
| 84 | DISCHARGE PIPE | 1 | A6208-030 | |
| 85 | STRAINER COMPLETE | 1 | A3408-020 | |
| 86 | OPERATION MANUAL | 2 | A6500-030 | |
| 87 | CONDENSER | 1 | A3404-030 | |
| 88 | EVAPORATOR | 1 | A3400-030 | |
| 89 | SUCTION TUBE SLEEVE | 3 | U7.5PF12-1120 | |
| 90 | CAPILLARY TUBE SLEEVE | 1 | U5PFI2-150 | |
| 91 | SHOCK ABSORBER | 1 | A7107-030 | |
| 92 | WIRING DIAGRAM | 1 | A6808-030 | |
| 93 | CARTON BASE | 1 | A7105-030 | |
| 94 | POWER WIRING BUCKLE | 1 | A7400-040 | |
| 95 | CARTON | 1 | A7100-040 | |
| 96 | HEAT EXHAUST HOSE CONNECTOR | 1 | A6200-020 | |
| 97 | CONTROL PANEL | 1 | A6804-030 | |

Continental ***Electric***

Portable Air Conditioner
Climatiseur Portatif
Aire Acondicionado Portatil



INSTRUCTION MANUAL
GUIDE DE L'UTILISATEUR
MANUAL DE INSTRUCCIONES

Model/Modèle/Modelo:
CE77126/CE75096/CE76096/CE77096

Warning

Improper handling can cause serious damage to the appliance.
Read this manual carefully before operating the unit.

Do not wet the housing or control panel.



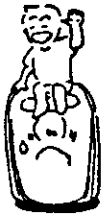
Do not let the unit run with the air outlet flap closed.



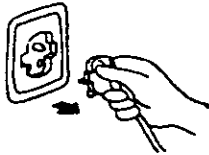
Do not allow children to play with the controls or drop any objects into the air outlet.



Do not place objects or let any person sit on top of the unit.



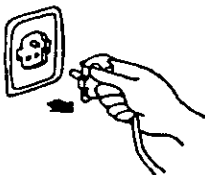
Always turn the unit off and remove the power plug from the socket when cleaning.



Do not attempt to remove any part of the casing unless by a authorised technician.



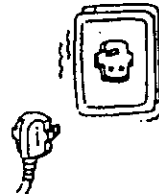
Remove the plug from the socket if the unit is not being used for periods at a time.



Use only the correct power supply AC220V-240V



Do not operate the unit with damaged plug or loose damaged socket point.



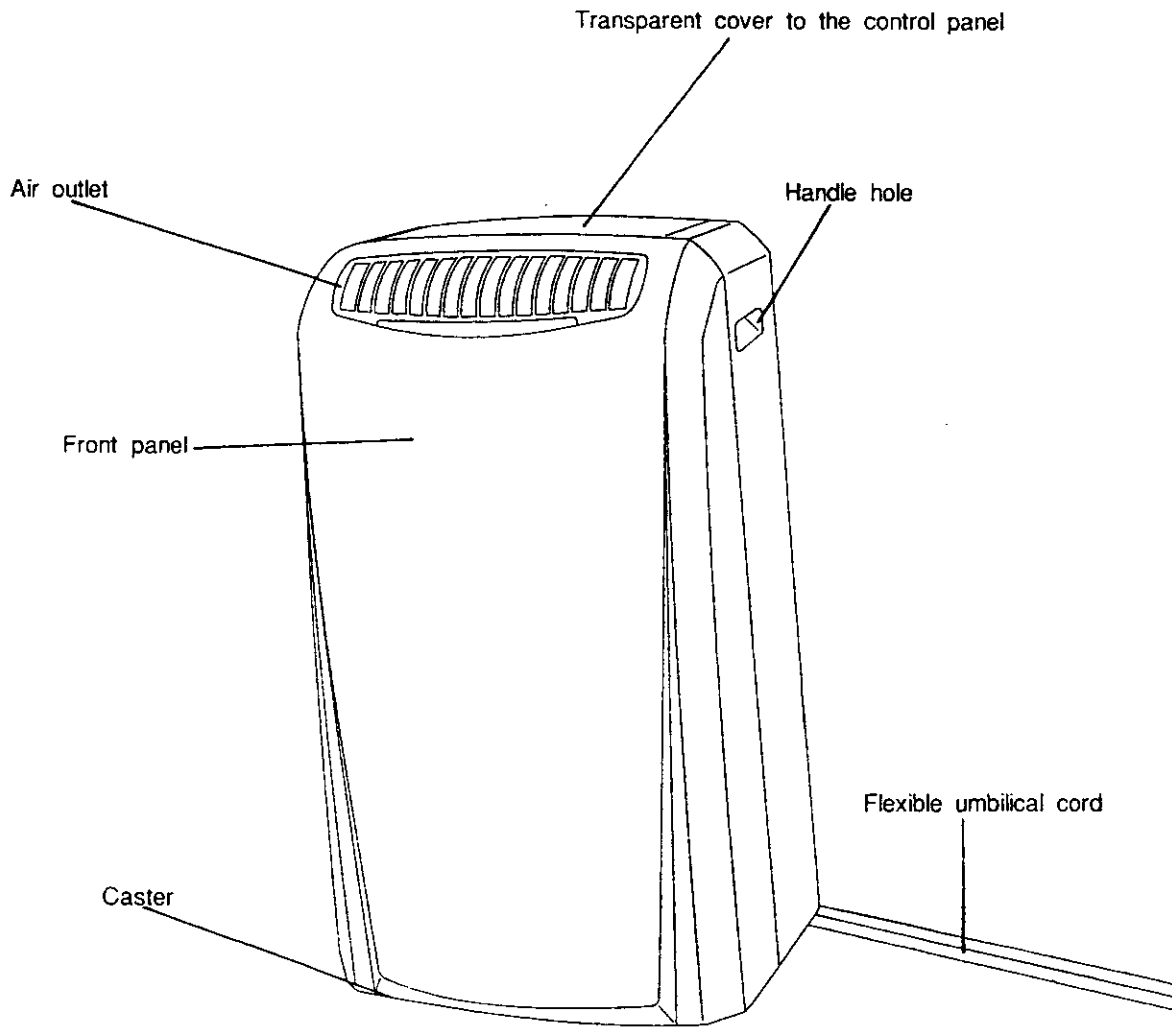
Make sure that the back of the indoor unit is at least 10cm or more from a wall.
Do not place the unit in front of curtains or drapes incase they fall against the back air intake.

WARNING

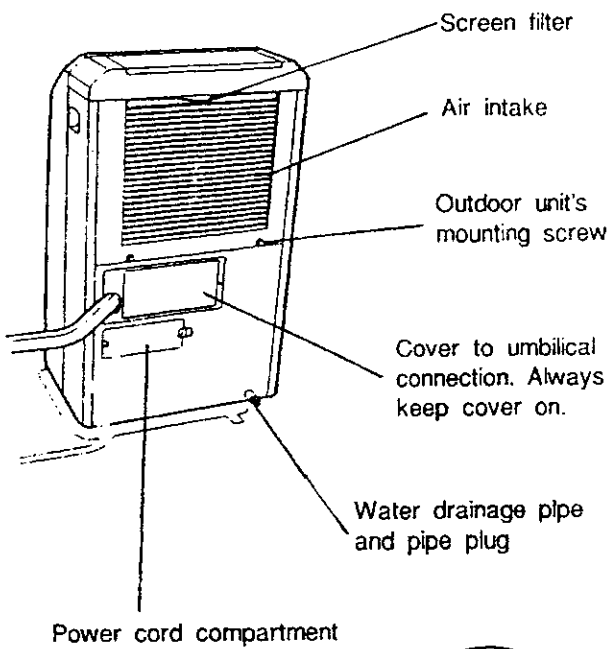
If the power cord on this unit is damaged it must be replaced by a qualified technician

Description of Componentes

When first operating the unit a small amount of moisture may be generated from the unit which is the result of condensation left from factory testing. All units are factory tested before leaving.

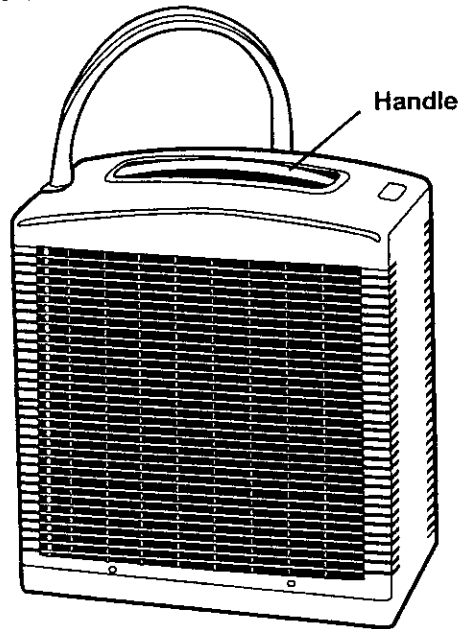


Indoor unit



ACCESORIES

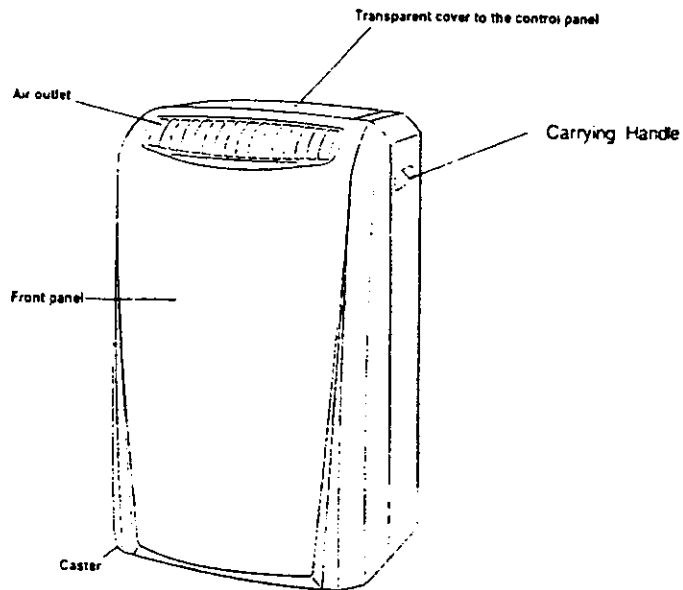
- Mounting brackets(with screws) 2
- Spanner 2
- Wall plugs(with screws) 4
- Support belt with hook..... 2
- Frame for flexible connecting hose 1
- Protective cap for connector(M)..... 2
(F)..... 2



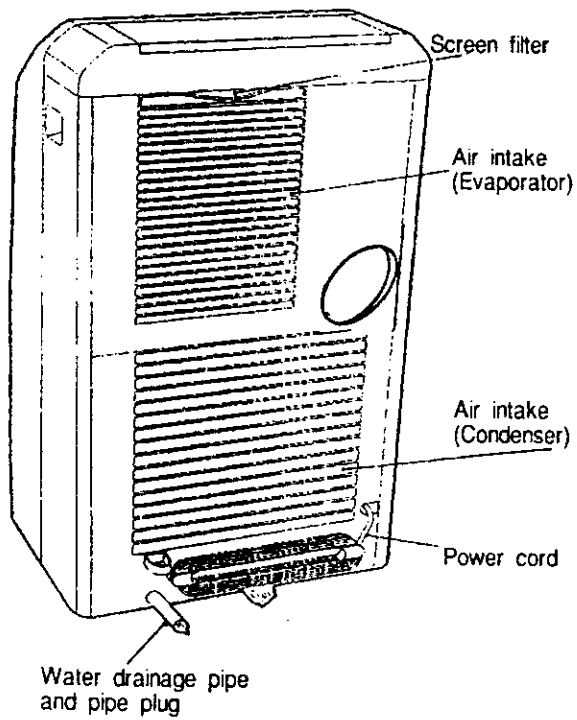
Model/Modelo: CE77126 Only

Outdoor unit





DESCRIPTION



Front

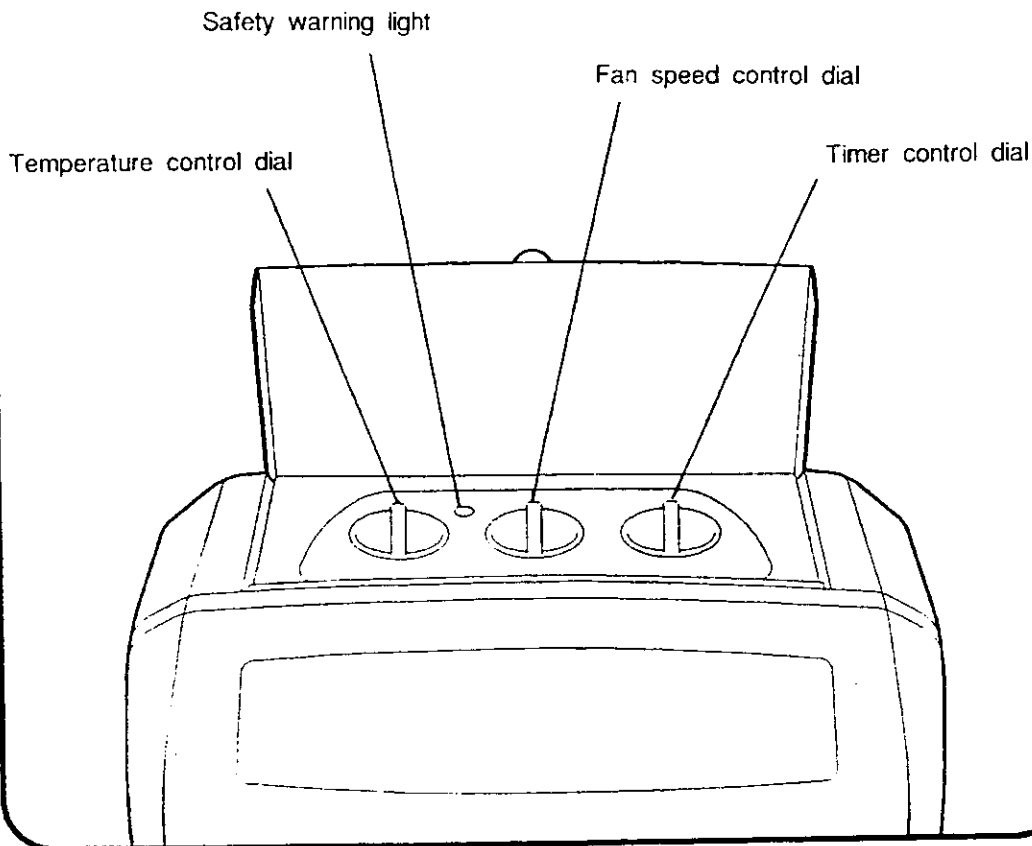


Accessories

- exhaust hose connector
- 
- exhaust hose
- 
- wall fitting exhaust hose connector
- or ceiling 
- Cover of wall fitting exhaust hose connector.....
- 

Operating Controls

Description of control panel



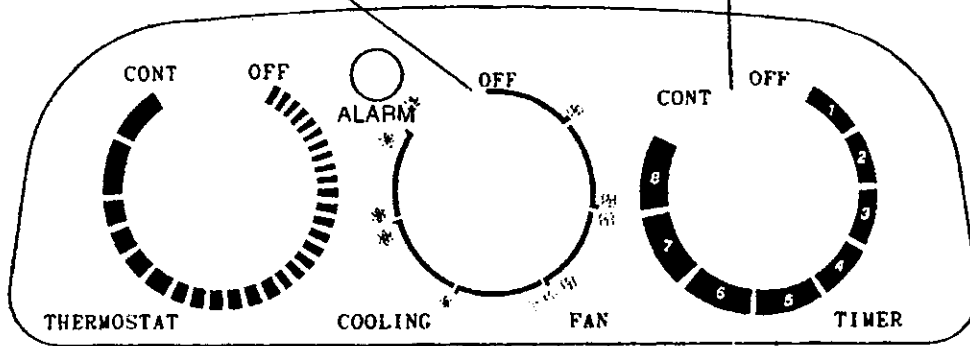
Cautions

- During operation you may hear the compressor stop, (the fan will continue working) this is because the temperature has been reached on the temperature control dial. When the temperature rises the compressor will resume operation.
- During humid wet days and high indoor temperatures, the surround of the air outlet may form some condensation at times. This is a normal occurrence and can be removed with a tissue.
- The interior of the air conditioner may give a sound of running water, this is the circulation of the coolant and is a normal occurrence.
- The casing may let out a slight cracking type noise. This is due to contraction from temperature variations and is a normal occurrence with this type of casing.
- Do not operate the air conditioner below a room temperature of 18c. The air conditioner will tend to frost up if temperatures are too low.
- The unit is fitted with a protective device. When it is turned off and then turned on immediately the fan will come into operation and the compressor will come into operation after a few minutes.

Fan operation only

Fan speed control dial.
1 or 2 or 3 speed control

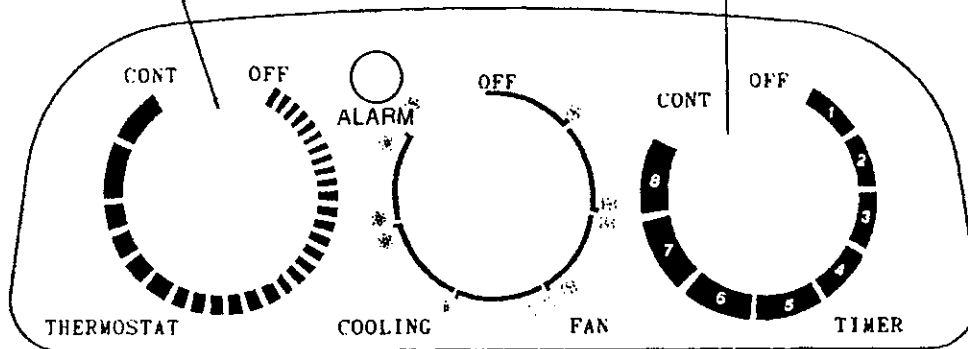
Timer setting dial.
Setting from 1 to 8 hours
or continuous operation



Air-conditioning

Temperature control dial.
For setting your temperature requirement
or continuous cooling

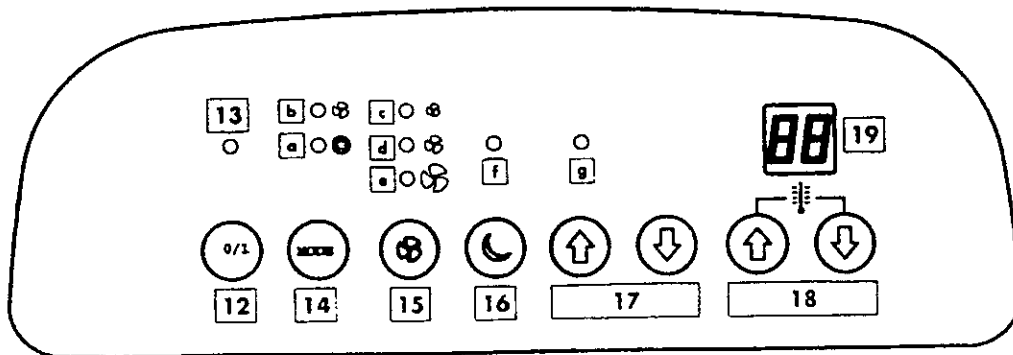
Timer setting dial
Setting from 1 to 8 hours
or continuous operation



Fan speed control
1 or 2 or 3 speed control for air-conditioning

Control Panel

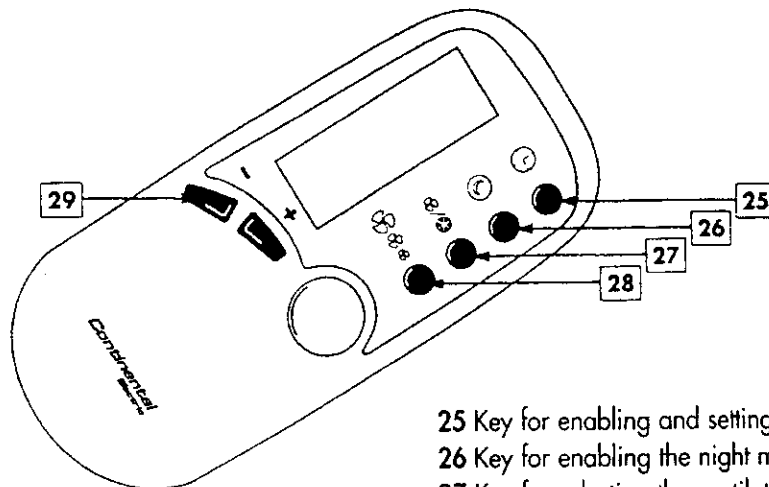
Model/Modelo: CE76096 Only



- 12 "On/Off" key
- 13 Alarm light: comes on when the condensate collecting tank is full.
- 14 "Function" key: for selecting the operating mode: ventilation only or air conditioning: the light (a) or (b) comes on depending on the mode chosen.
- 15 Ventilation speed selection key
 - Light (c) on: slow ventilation speed
 - Light (d) on: medium ventilation speed
 - Light (e) on: high ventilation speed
- 16 "Night operation" key: the light (f) comes on.
- 17 "Programming" keys: according to the type of programming chosen (see page 10), a green or red light comes on (g).
- 18 Temperature selection keys
- 19 Digital display dial

REMOTE CONTROL

Model/Modelo: CE77096 Only



- 25 Key for enabling and setting the timer
- 26 Key for enabling the night mode ☾
- 27 Key for selecting the ventilation speed
- 28 Key for selecting the operating mode
- 29 Key On/Off

Maintenance

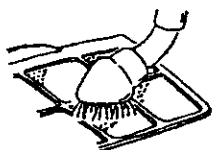
- Periodic cleaning and maintenance may maximize the air condition's functions and optimal condition.
- Prior to cleaning and maintenance, please make sure to remove the plug from power socket to ensure safety.

Filter cleaning Check once a week

- Use lukewarm water and very mild detergent when washing filter rinse with clean cold water



- Use a vacuum or brush to remove fluff/dust from the filter.



Maintenance on the front panel and housing

- Do not use chemicals or solvents for cleaning the unit.



- Use a damp cloth for cleaning. You may use a mild detergent to remove stubborn stains.



Maintenance for the outdoor unit

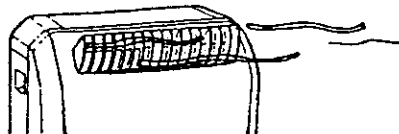
- Check the outdoor unit periodically and clear any foreign objects, leaves and paper that may be there. If possible try to keep the unit shaded from strong direct sunlight.

End of season maintenance

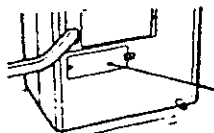
1. Remove the water draining plug located at the rear bottom of the air conditioner, replace the plug after the condensation has been drained from the water tank.



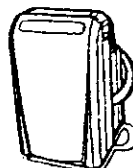
2. Turn on the fan operation for a period of time to dry the interior of the air conditioner.



3. Stop the operation, and remove the power cord plug from the wall power socket and store it into the power cord compartment located on the rear of the indoor unit.



4. Wipe clean the outdoor unit and hang it to the back of the indoor unit.
5. Cover the air conditioner before putting it in the storage.

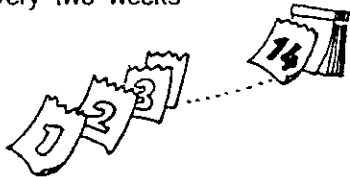


Energy-saving Tip

- Periodic cleaning, maintenance and proper use may not only maximize the air conditioner's functions, but also can avoid increasing unnecessary expense.

Clean the filter periodically

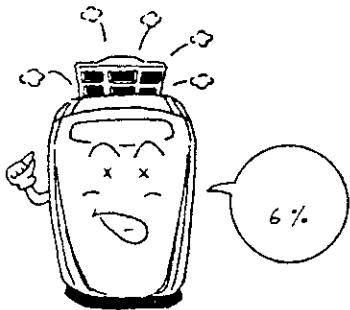
- When using it in normal conditions, please clean the filter at least once every two weeks



- If you are using the unit in an area with excessive dust/fluff make sure you check and clean filter each week.

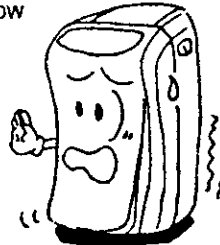


- If the screen is not kept clean it can increase your power consumption and reduce the cooling efficiency.

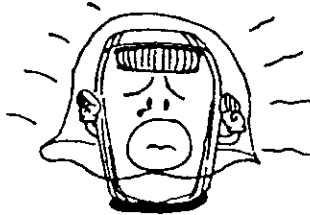


Take note of the following points

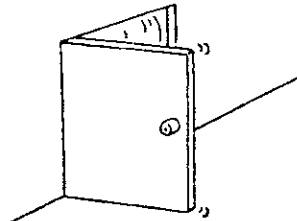
- Avoid direct sun light on the unit through a window



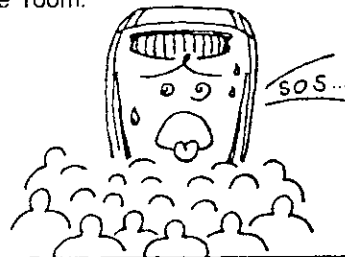
- Maintain proper ventilation around the unit.



- Avoid opening doors and windows as much as possible.



- Avoid excessive number of people in the room.



Removal and connection of the quick connector

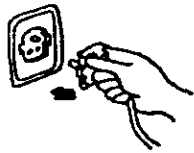
- This procedure should be carried out by a professional person to avoid expensive mistakes.

Steps in disassembly

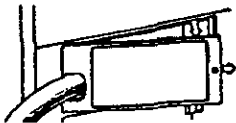
1. Turn off the air conditioner, and remove the plug from the power socket.

Caution

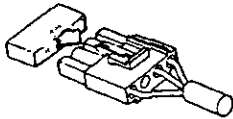
Upon turning off the air conditioner, leave it idle for at least 30 minutes; the disassembly can then be implemented after the system has been stabilized.



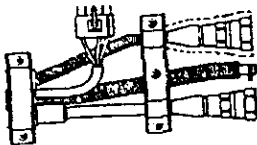
2. Use a Philips-head screw driver to remove the cover.



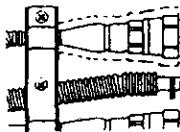
3. Disconnect the electrical connector by pressing clip holders.



4. Remove the metal holding brackets.



5. Remove the insulating foam around the upper connector.



6. Use the 2 spanners provided to disconnect the 2 pipes.

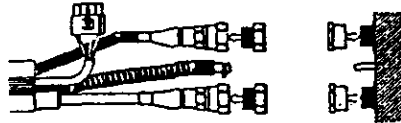
Caution

Make sure the tubes and connectors are kept level while disconnecting to avoid coolant leaking.



7. Screw the protective caps onto the ends after disconnection of each pipe.

8. Separate the clamping tie on the black Water pipe. Gradually release the water pipe and place your finger over the end to prevent water in the tube coming out. Have a container ready to collect any excess water from the tube.



Steps in connecting

- Always remember to keep the connecting pipes level with the connecting point when re-assembling

Caution

- When re-connecting the unit follow the above steps in reverse.
- Use your fingers to connect the threads and then tighten with the spanners provided
- After connection please use soap suds to check for leaks in the coolant pipe.

Please remember, this procedure must be followed each time.

MODEL/MODELO: CE77126

Installations

IMPORTANT: Do not have any sharp bends or twisting it the umbilical cord.
For permanent installation follow instructions. If you are not sure contact a service company.

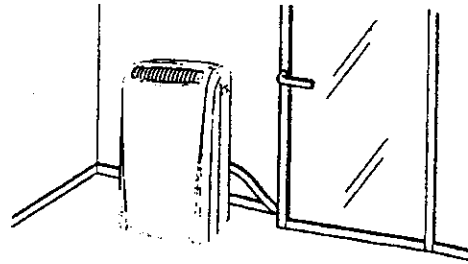
The Indoor Unit

• METHOD I :

The umbilical cord can pass through partly open door or window.

Caution

The location of the indoor unit must have at least 10cm space at the rear and away from curtains/drapes.

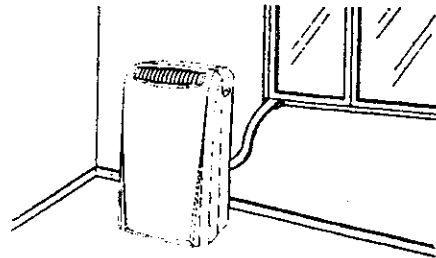


• METHOD II :

The umbilical cord can be passed through a hole in the window or the window frame where a gap has been shaped out.

Caution

When using the later use the plastic frame supplied. When the air conditioner is being stored away cap can be placed over the frame to seal the hole off.

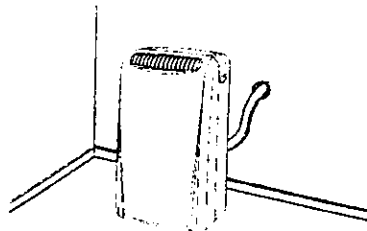


• METHOD III :

For fitting through a hole in the wall disconnect the umbilical cord as described on page 8 and pass cord through the hole from the outside. Use the plastic frame for the umbilical cord when using this method.

Caution

- If you are not sure or happy disconnecting and reconnecting the cord contact a local service person.
- Remember to use soap suds to check for refrigerant leaks after connection each time.

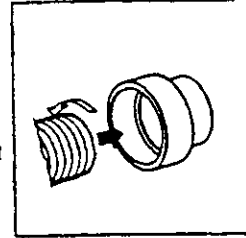


The Installation of heat exhaust hose

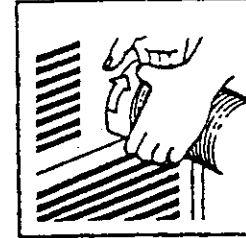
Model/Modelo: CE75096, CE76096, CE77096

USING EXHAUST DUCT SET

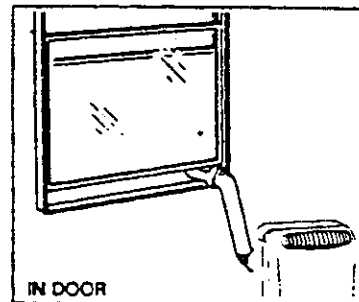
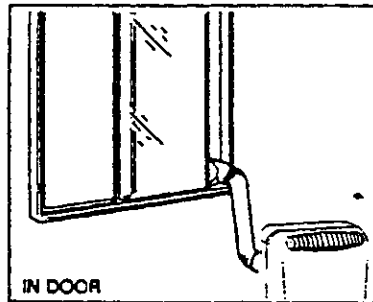
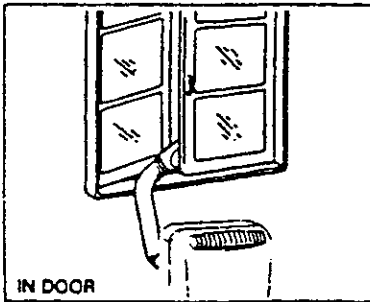
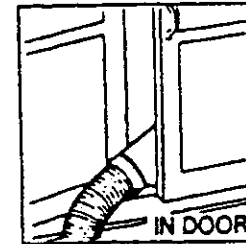
1. Connect one heat exhaust hose connector anti-clockwise to the heat exhaust hose.



2. Connect the other heat exhaust hose anti-clockwise to the other end of heat exhaust hose then connect the connector to the appliance clockwise.

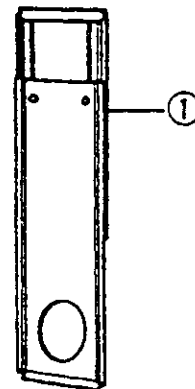
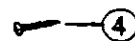
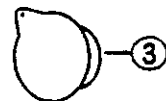
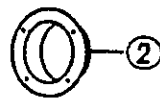


3. Extend the exhaust hose and close the window as far as possible trapping the heat exhaust hose connector.



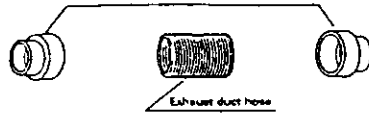
USING WINDOW PANEL KIT

- ① Plastic panel 1 piece
- ② Nozzle fitting 1 piece
- ③ Exhaust cover 1 piece
- ④ Screws 4 pieces



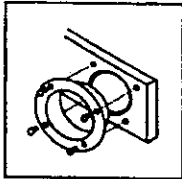
The Installation of window panel kit

Model/Modelo: CE75096, CE76096, CE77096

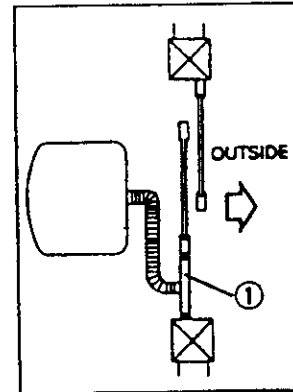
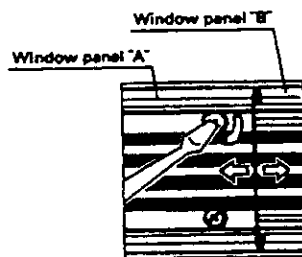


Assembly & Installation Of Panel:

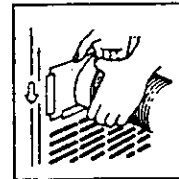
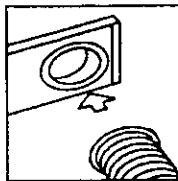
1. Fix Nozzle fitting ② to Plastic panel ① with four screws ④



2. Install the panel in the window and adjust the length of the panel by lengthening or shortening.

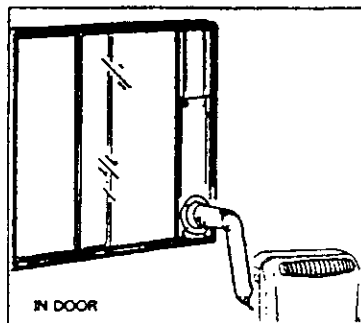
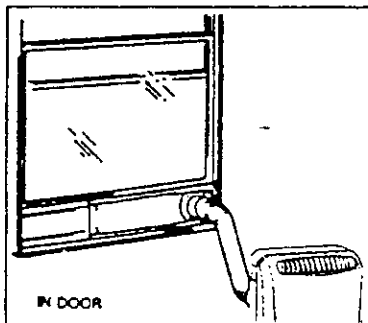


3. Connect the heat exhaust hose connector anti-clockwise to the heat exhaust hose; then slide the hose into Nozzle fitting 2 until it locks.

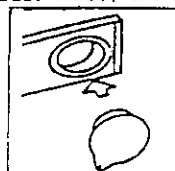


4. Connect the other heat exhaust hose anti-clockwise to the another end of heat exhaust hose; then connect the connector to the appliance clockwise.

Note: The same procedure can be adapted for vertical installation in sliding windows.



5. If the unit is not being used, please remove the Exhaust Hose; then insert the exhaust cover into nozzle fitting.



Warning

Each time you bring the outdoor unit inside always turn the air conditioner off at the power supply. If you do not and move the inside unit, the dehumidified water in the container inside the unit could activate the water pump and discard water from the tube on the outdoor unit.

The Outdoor Unit

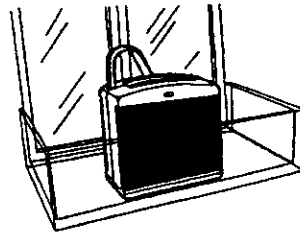
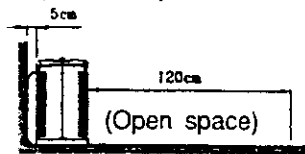
Model: CE77126 Only

• METHOD I :

The outdoor unit may be placed on outdoor patio or flower planer directly, so it does not require the special mounting brackets.

Caution

Please make sure that the drainage pipe is not pressed by the outdoor unit!

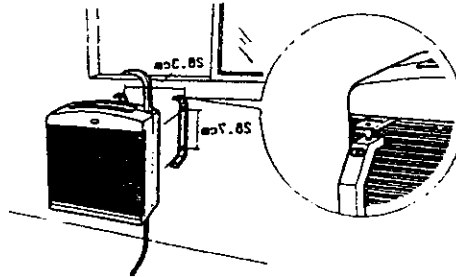


• METHOD II :

The outdoor unit may be mounted on the wall by utilizing the enclosed accessories (mounting brackets, wall plug and the screws).

Caution

When using this method you can extend the drainage tube and direct it to where you wish the water to discharge. You can lift the outside unit off the brackets at any time. If you intend a permanent fitting for the outside unit we recommend to make a cover for it to prevent water getting inside in heavy rains.

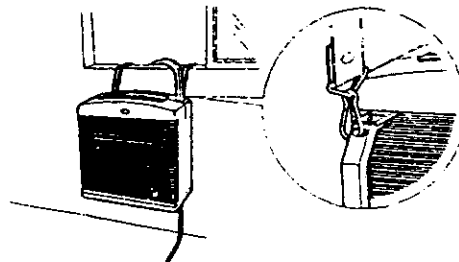


• METHOD III :

For short-term application, please use the enclosed belts to hang the outdoor unit outside the window.

Caution

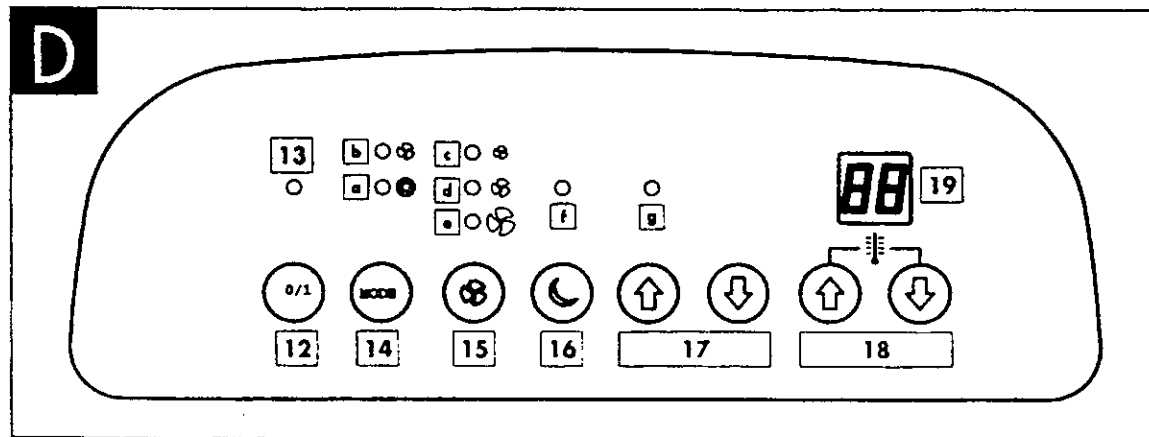
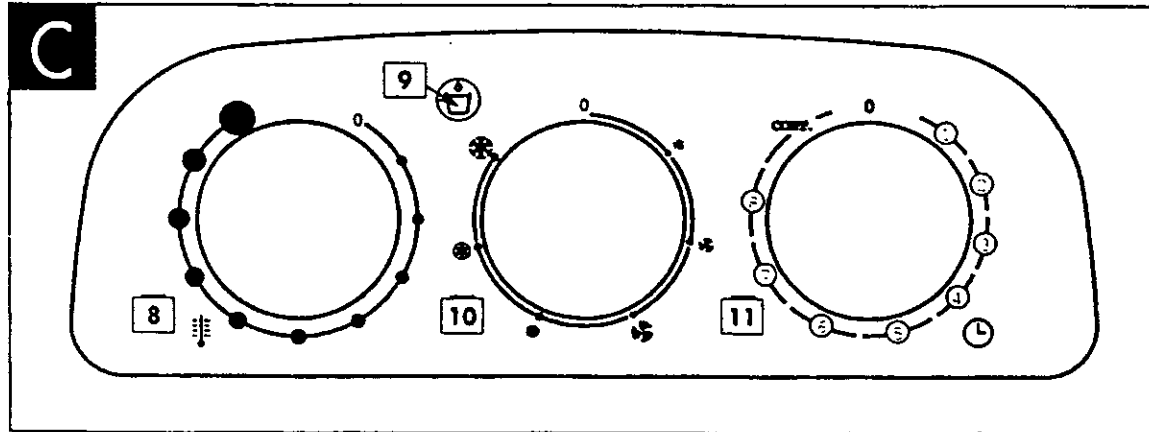
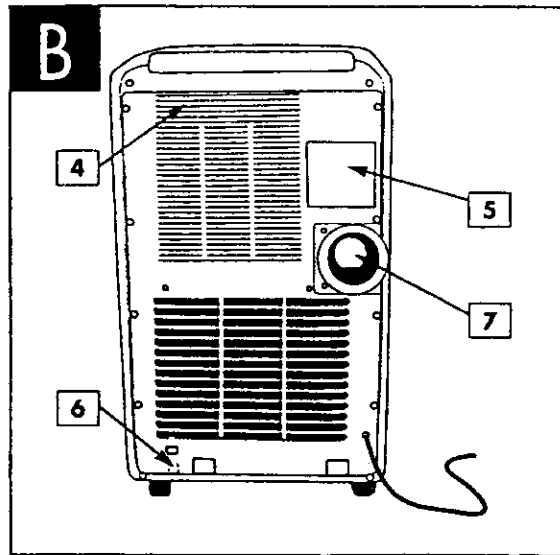
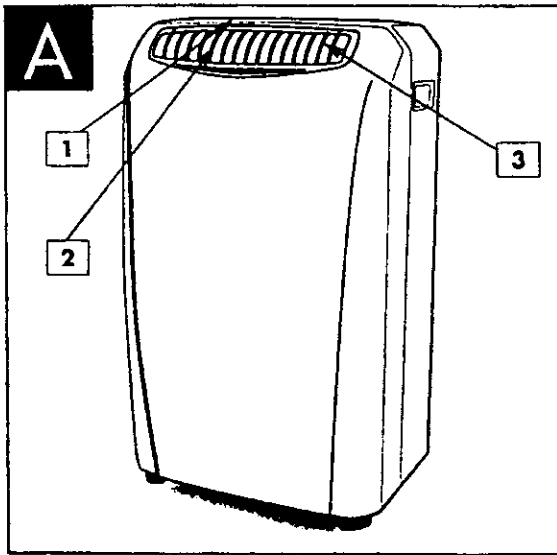
- With this method we recommend in heavy rain storms and wind to turn the unit off and lift inside if you do not have the unit suitably covered. Always use the belts on the mounting brackets, do not tie belts on handle.

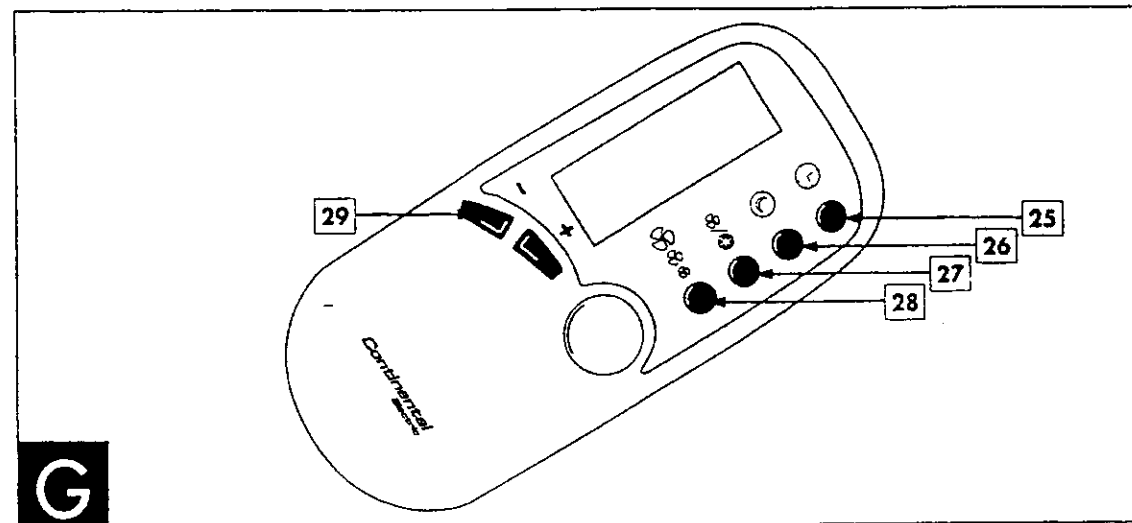
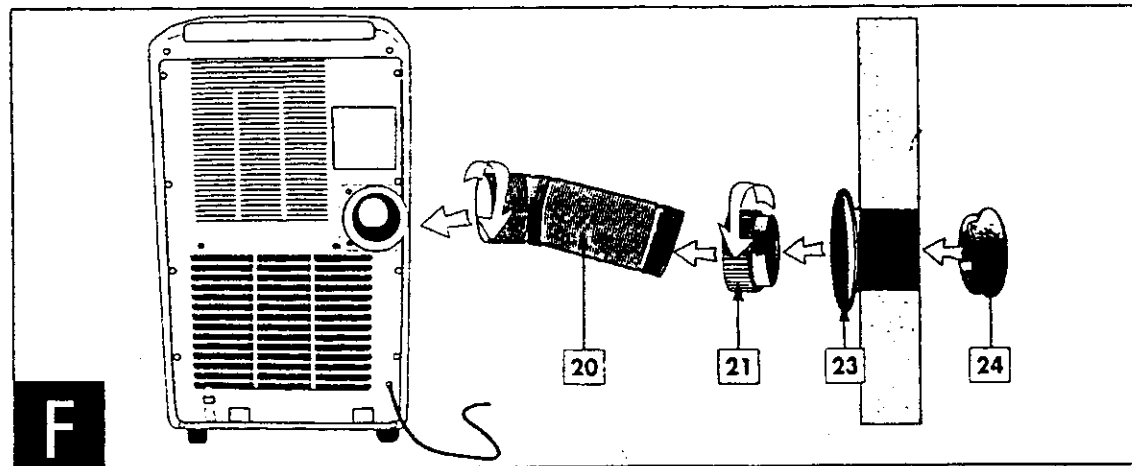
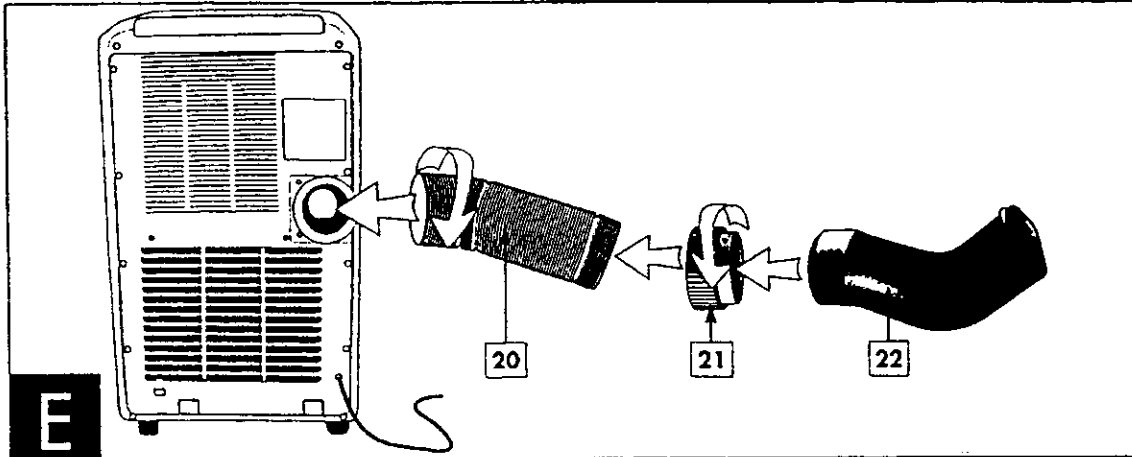


Troubleshooting

- A majority of malfunctions are small, and triggered by problems that can easily be resolved; before calling for service, please refer to the following table for sequential inspection.

| PROBLEM | CAUSES | RESOLUTIONS |
|---|--|---|
| Air conditioner stops operating | <ul style="list-style-type: none"> • Power failure • The plug has not been plugged in. • The timer setting dial has not been set. • The fan speed control dial has not been set. • The warning light is on - the internal safety switch has been activated. | <ul style="list-style-type: none"> • Wait for the power to come back on. • Insert the plug. • Set the timer setting dial to proper position. • Set the fan speed control dial to correct position • Turn all switches off and wait 5 mins and turn on again. If still not working contact place of purchase. |
| Air conditioner stops in the middle of the operation. | <ul style="list-style-type: none"> • The indoor temperature has reached the designated temperature. • The designated operating time is up • The warning light is on - The unit's internal safety switch has been activated | <ul style="list-style-type: none"> • Reset the temperature. • Reset the timer • Contact the service center. |
| Air conditioner pauses on and off irregularly | <ul style="list-style-type: none"> • The outdoor unit's electrical connector has not been connected securely. • Malfunction. | <ul style="list-style-type: none"> • Disconnect power and take umbilical cover off to check if electrical connector is firm. If this keeps happening call the distributor. |
| Air conditioner functions but the room is not cooled. | <ul style="list-style-type: none"> • Window or door is left open in the room. • Heat source in the room or excessive number of people in it. • Saturated filter • Temperature setting too high. | <ul style="list-style-type: none"> • Close all window and door • Eliminate heat source. • Clean the filter. • Lower the temperature setting |
| Motor running sound when unit has turned off | <ul style="list-style-type: none"> • The water pump is emptying excess water from the container inside the unit. | <ul style="list-style-type: none"> • This will automatically stop in a few minutes. |





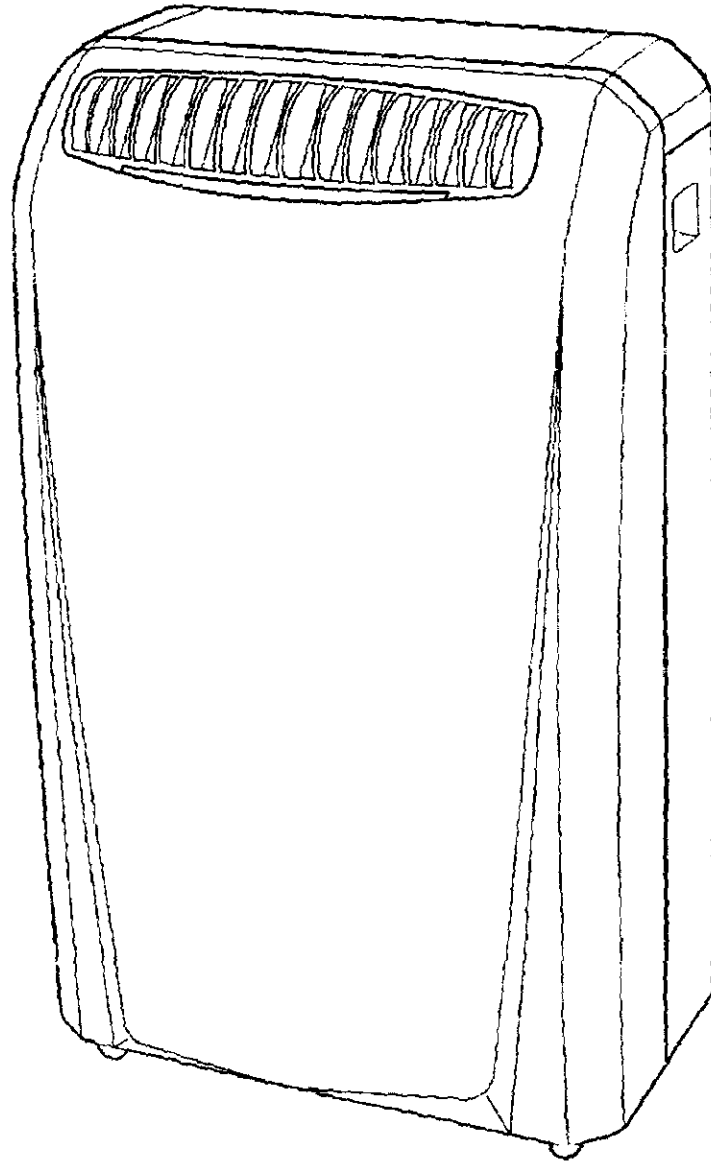
- 12 "On/Off" key
- 13 Alarm light: comes on when the condensate collecting tank is full.
- 14 "Function" key: for selecting the operating mode: ventilation only or air conditioning: the light (a) or (b) comes on depending on the mode chosen.
- 15 Ventilation speed selection key
 - Light (c) on: slow ventilation speed
 - Light (d) on: medium ventilation speed
 - Light (e) on: high ventilation speed
- 16 "Night operation" key: the light (f) comes on.
- 17 "Programming" keys: according to the type of programming chosen (see page 10), a green or red light comes on (g).
- 18 Temperature selection keys
- 19 Digital display dial

- 25 Key for enabling and setting the timer
- 26 Key for enabling the night mode ☾
- 27 Key for selecting the ventilation speed
- 28 Key for selecting the operating mode
- 29 Key On/Off



NEW WIDETECH
PORTABLE AIR CONDITIONER

WA-9000 WA-9000E WA-9000ER



SERVICE MANUAL

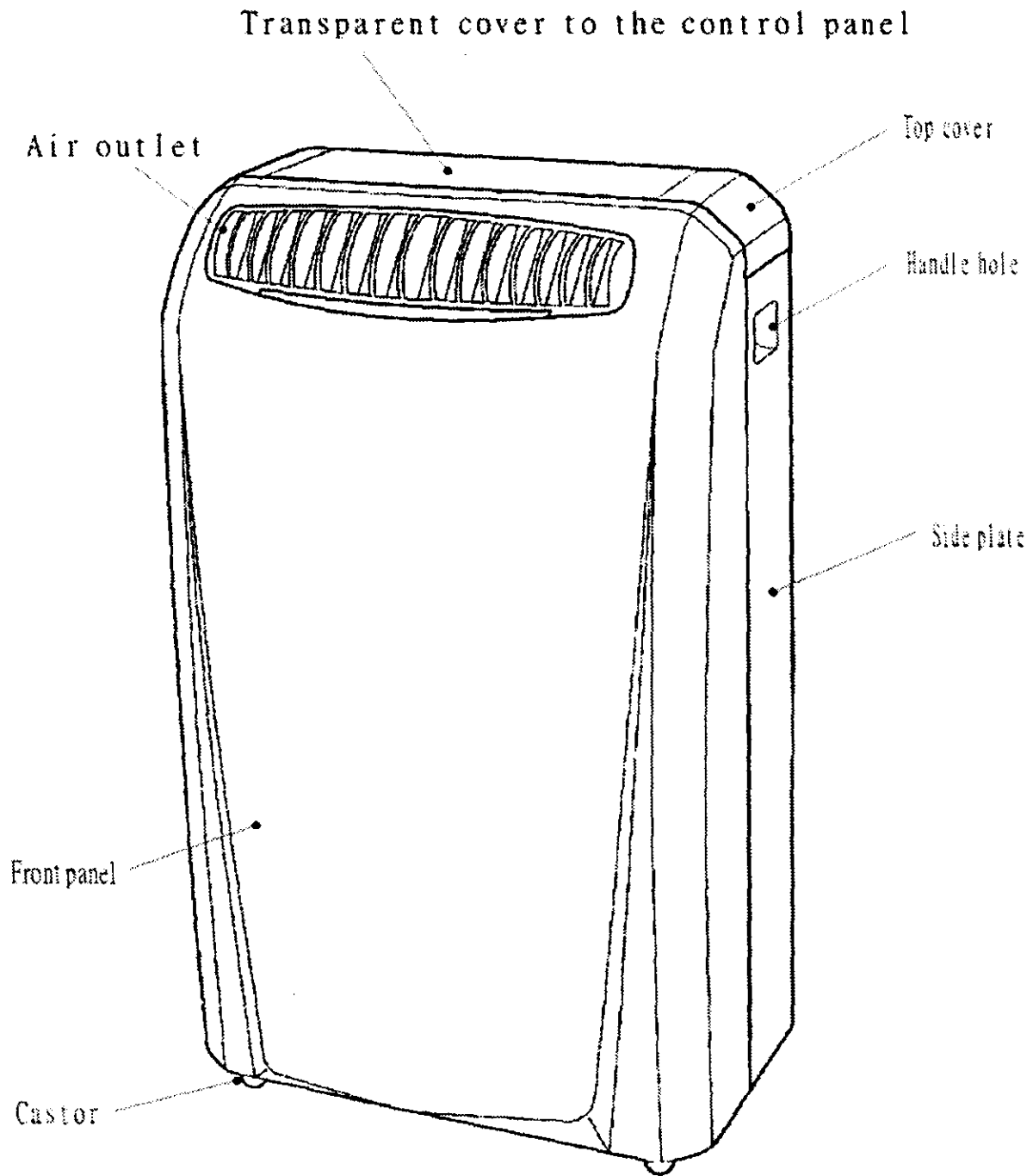
THIS SERVICE MANUAL IS REFERENCE FOR THE SERVICE PEOPLE

NO ADVANCE NOTICE WILL BE GIVEN IF THE OUTLOOK, COOLING SYSTEM OR THE USED PARTS, CHANGED FOR FURTHER IMPROVEMENT.

SPECIFICATION

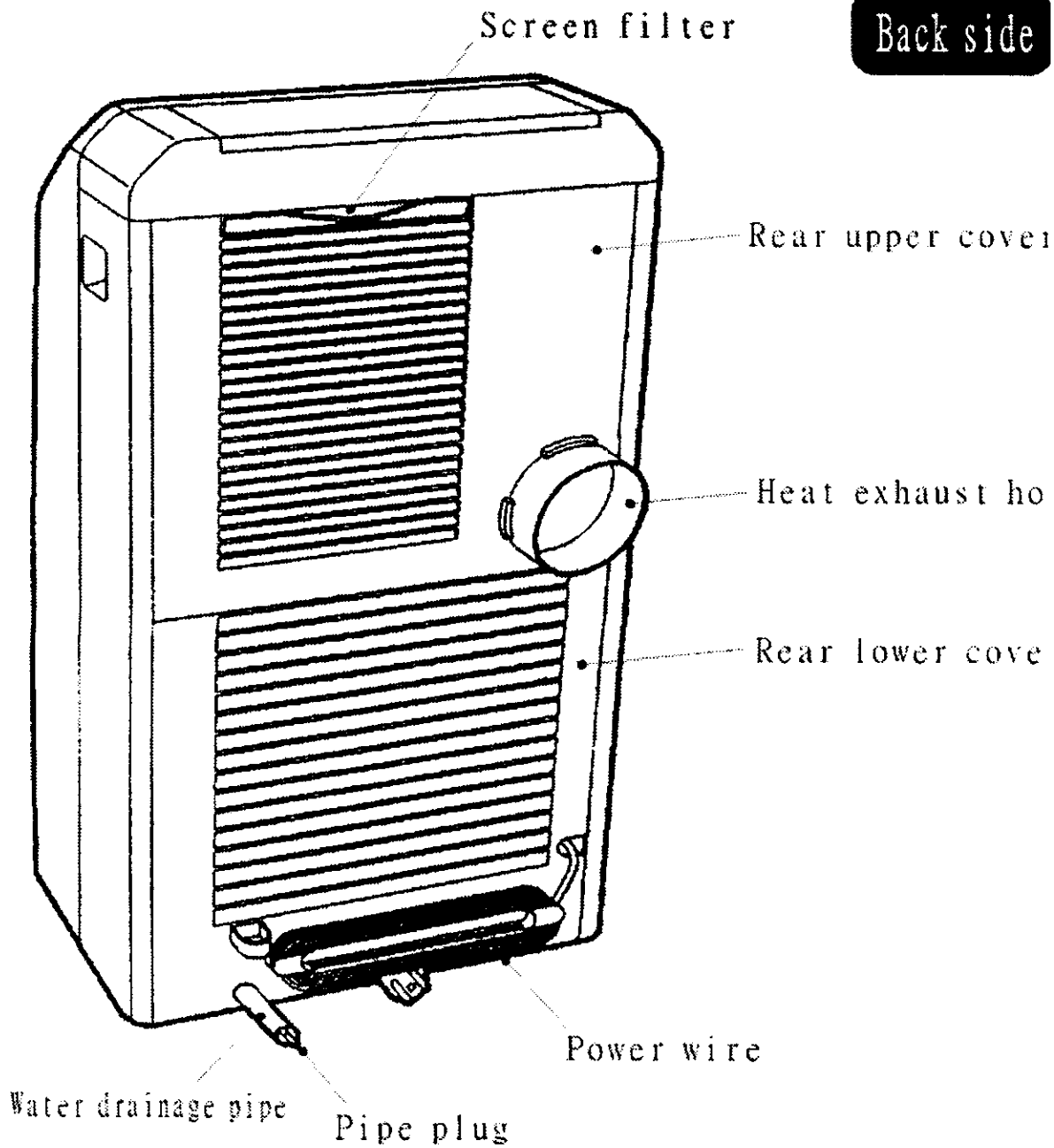
| Description of product | | Portable air conditioner | | | |
|--------------------------------------|-----------------|--------------------------------|----------------|-------------------|----------------|
| Model | | WA-9000 / WA-9000E / WA-9000ER | | | |
| Size of shell (W*H*D) | | 46cm*78cm*32cm | | | |
| Area (m ²) | | 13-19 | | | |
| Voltage /Frequency | | 115/60 | | 220-240/50 | |
| Operating cycle (V) | | 103.5-126.5 | | 207-253 | |
| Cooling capacity (B.T.U.) | | 9000 | | | |
| Moisture removal (L/H) | | 1.6 | | | |
| Operating cycle (A) | | 8.1 | | 4.0 | |
| Input power (W) | | 900 | | 900 | |
| Air flow volume (m ³ /hr) | | 320 | | | |
| Compressor | Model | KINC104ABBBBD | QB125CL12C | KIC122ELB-BD | QB134PL12C |
| | Input power | 700W | 820W | 600W | 705/728W |
| | Operating cycle | 55uF/250V | 35uF/370V | 17uF/400V | 25uF/400V |
| | Protector | T0262 | MRA12061-12026 | MRA90255-9079 | MRA12012-12026 |
| | Motor input | 33.6A | 48A | 16.5A | 18A |
| Indoor motor | Model | WTC-13A | | WTC-13G | |
| | Out put power | 34.2W | | 30W | |
| | Operating cycle | 4uF/250V | | 1uF/400V | |
| Outdoor motor | Model | WTC-43A | | WTC-43G | |
| | Out put power | 40.7W | | 43W | |
| | Operating cycle | 4uF/250V | | 1.5uF/450V | |
| Turbine fan motor | Model | WA-90S1 | | WA-90S2 | |
| | Out put power | 15W | | 12W | |
| Evaporator(R/S/FPI) | | 2R/11S/17FPI | | | |
| Condenser (R/S/FPI) | | 2R/13S/16FPI | | | |
| Capillary (O.D./I.D./L) | | 2.6mm/1.4mm/600mm | | 2.6mm/1.4mm/900mm | |
| Coolant/(g) | | R22/440g | | | |
| Environment temperature(°C) | | 18-35 | | | |
| Weight(kgs) | | 32 | | | |
| Remarks | | | | | |

Description of Components

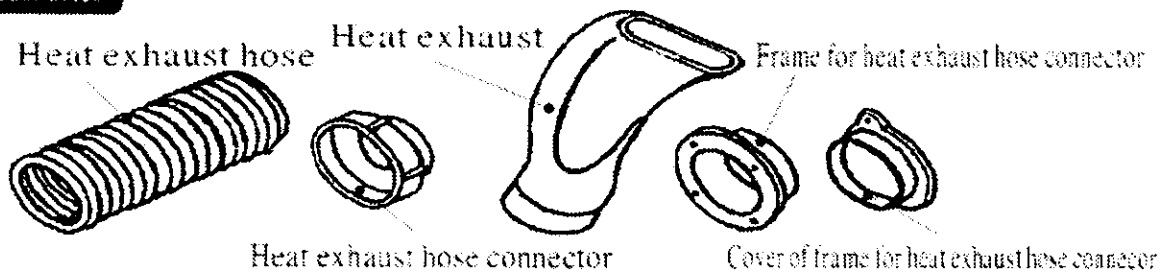


Indoor unit

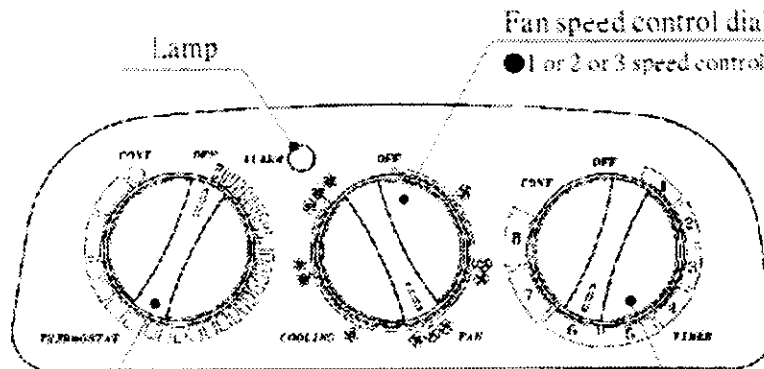
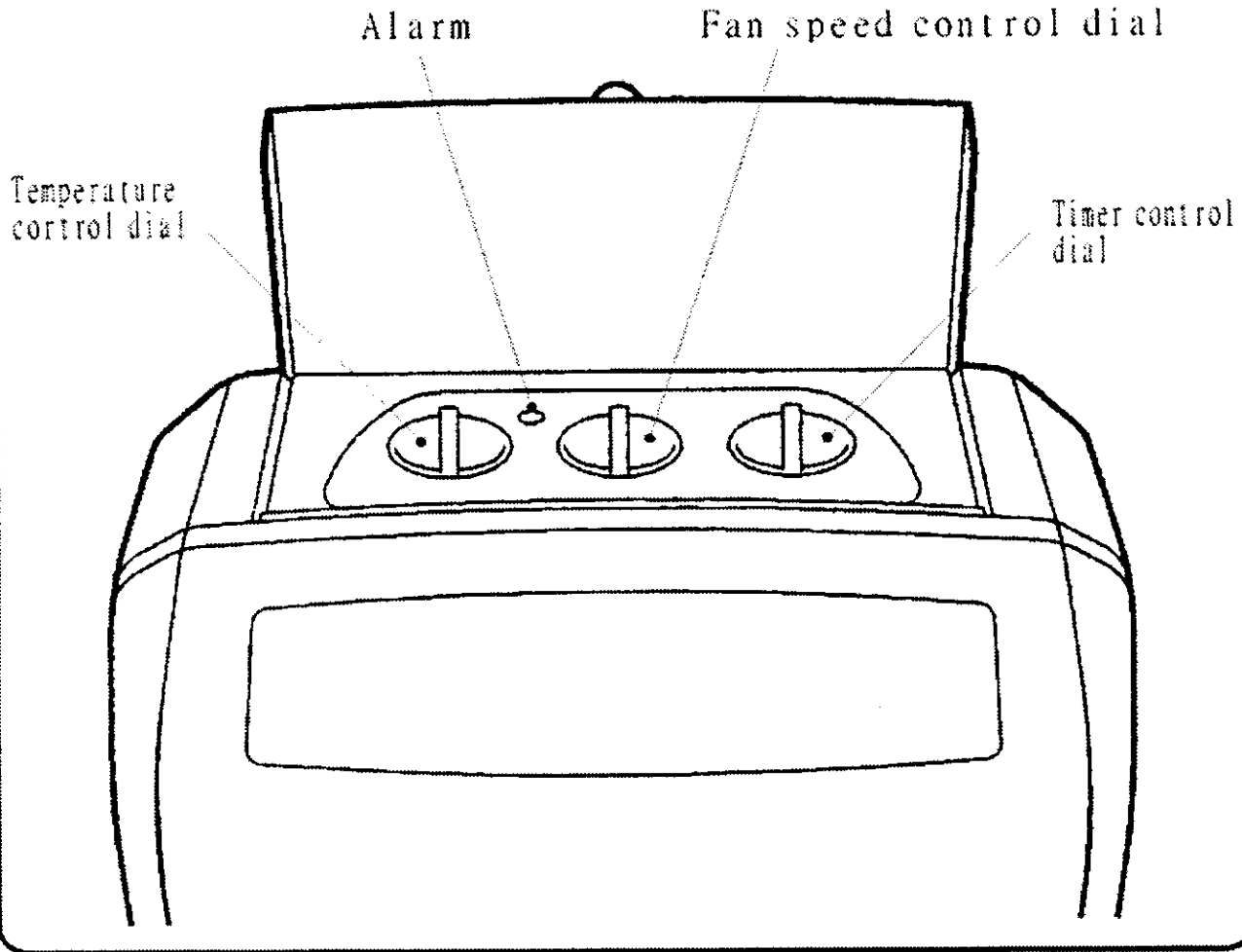
Back side



Accessories



WA-9000



Temperature control dial

● For setting your temperature requirement or continuous cooling (18-35°C)

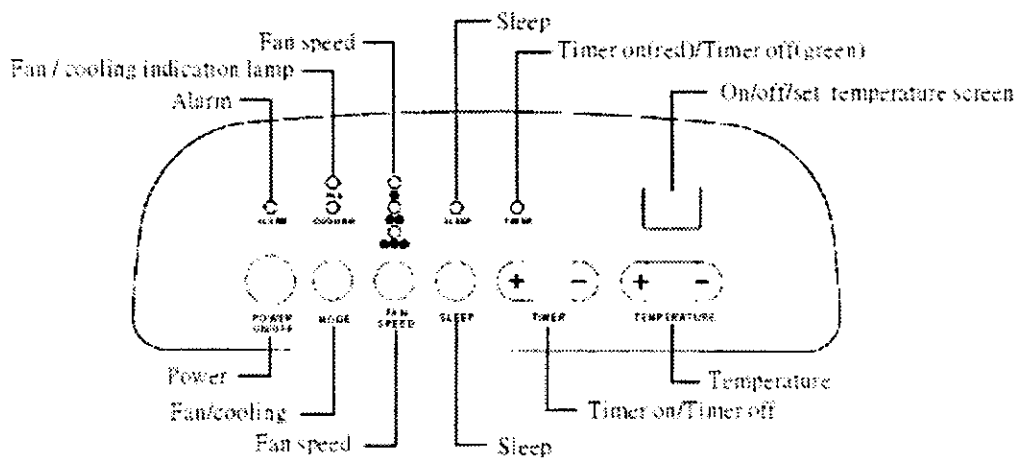
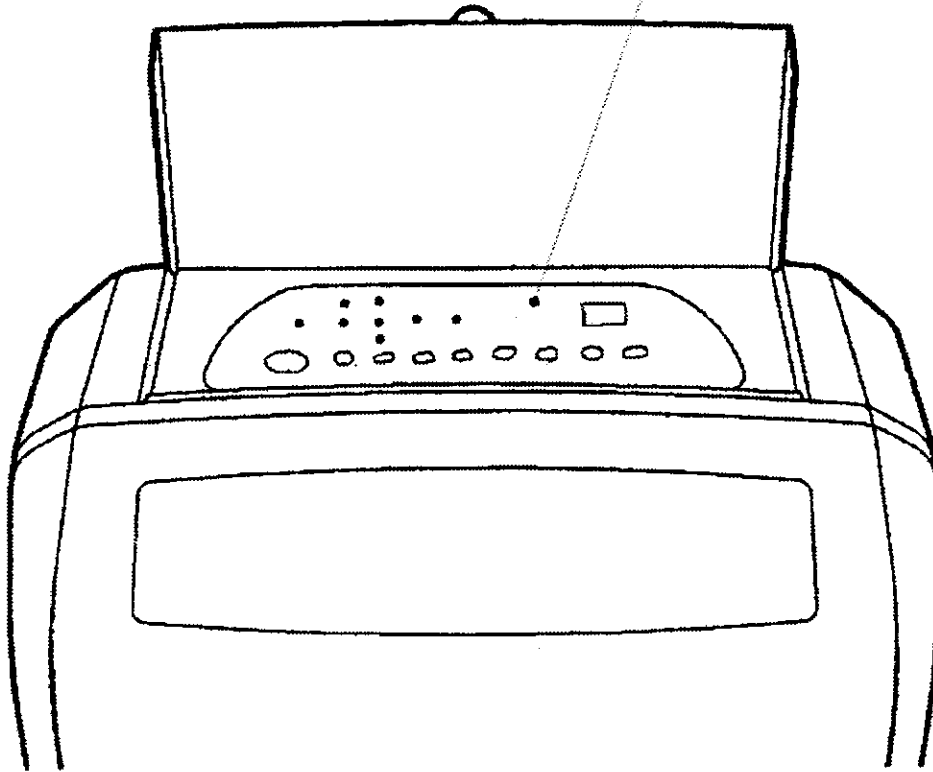
Timer control dial

● Setting from 1-8 hours or continuous operation

Control panel

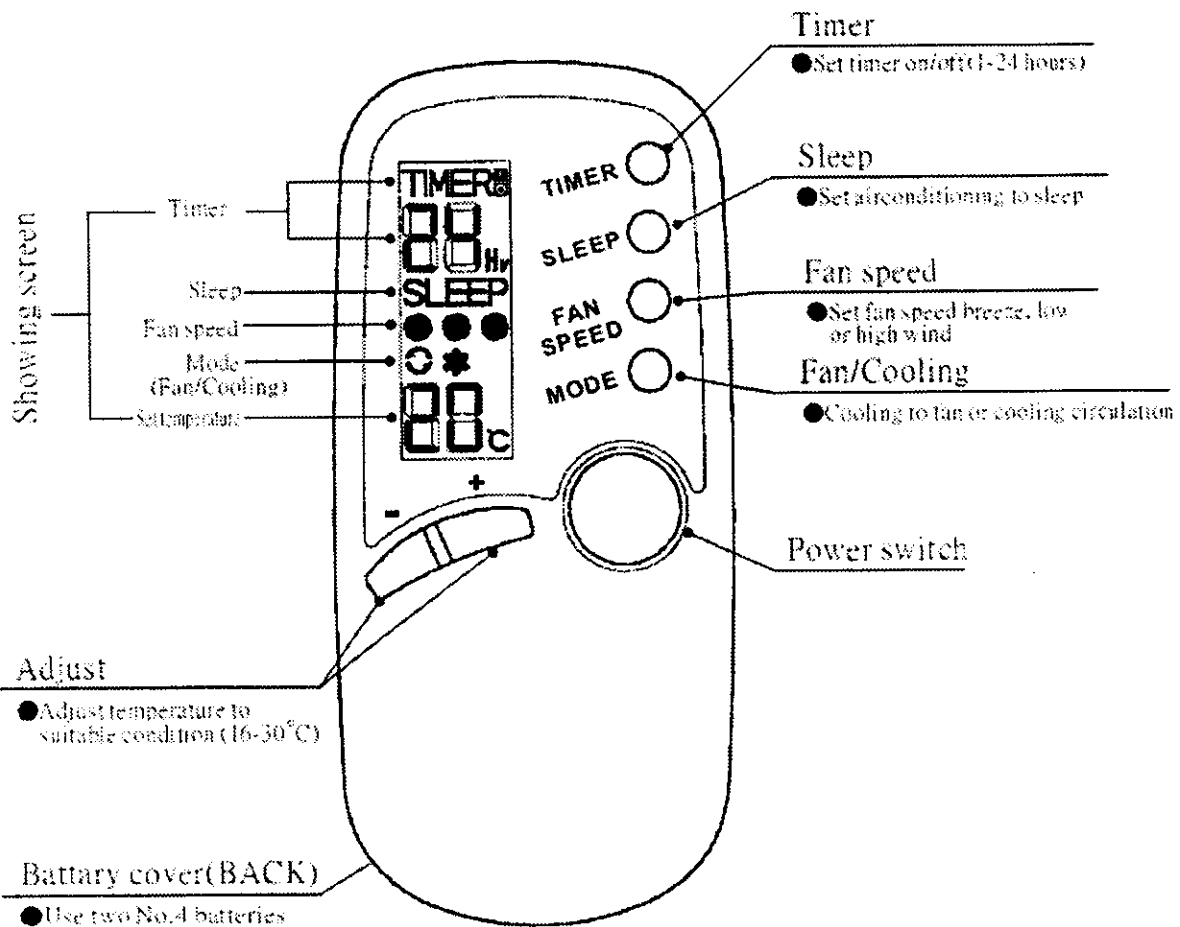
WA-9000E
WA-9000ER

Control panel



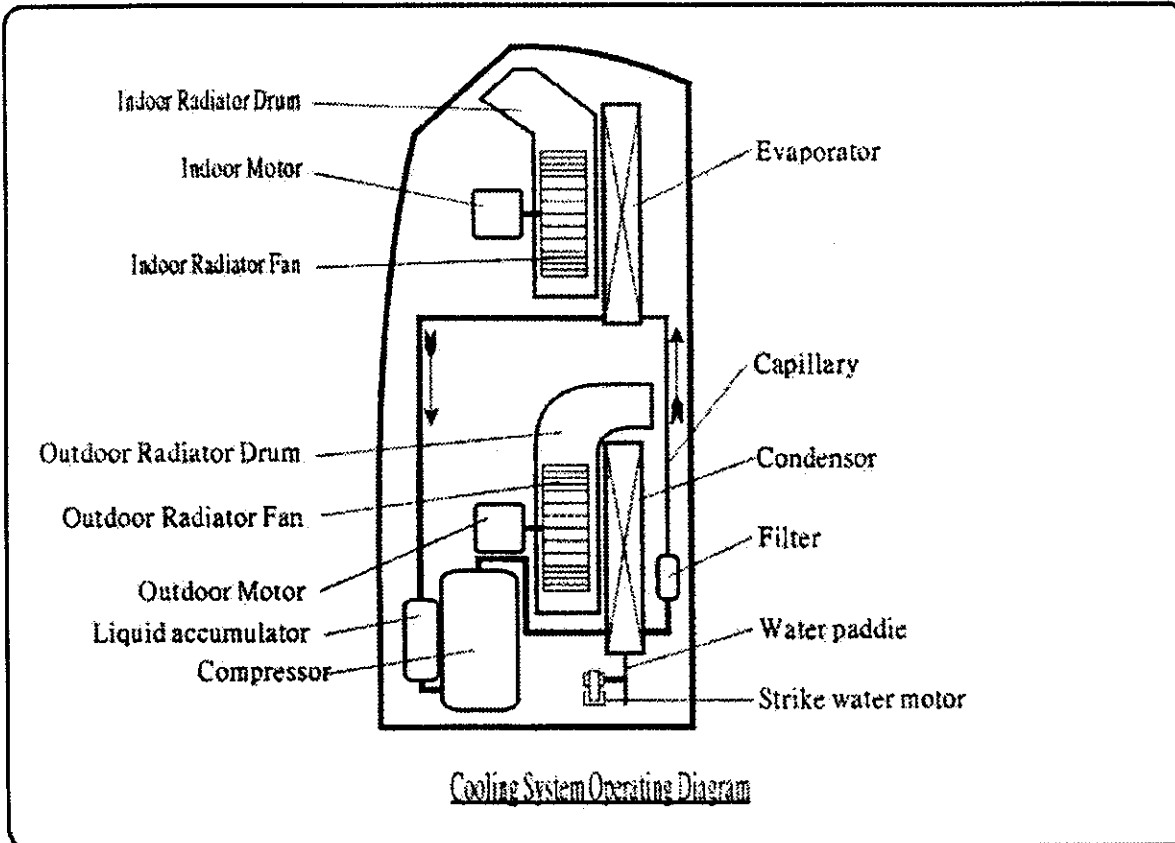
Control Panel

WA-9000ER

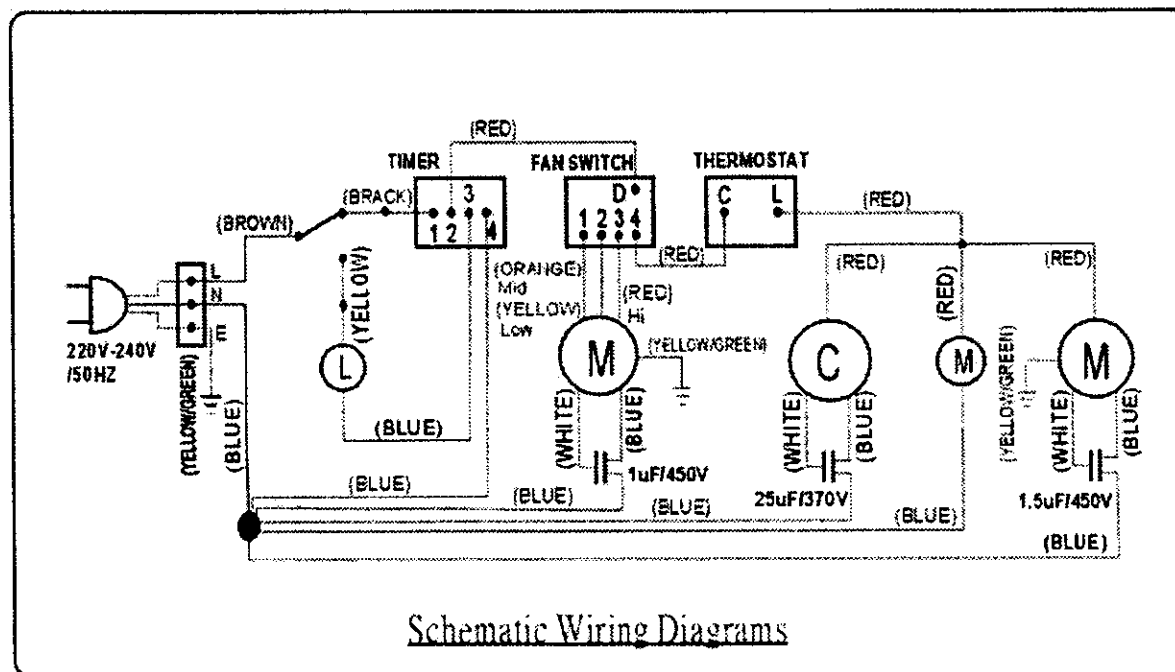


Remote Control

Cooling System Operating & Schematic wiring Diagrams



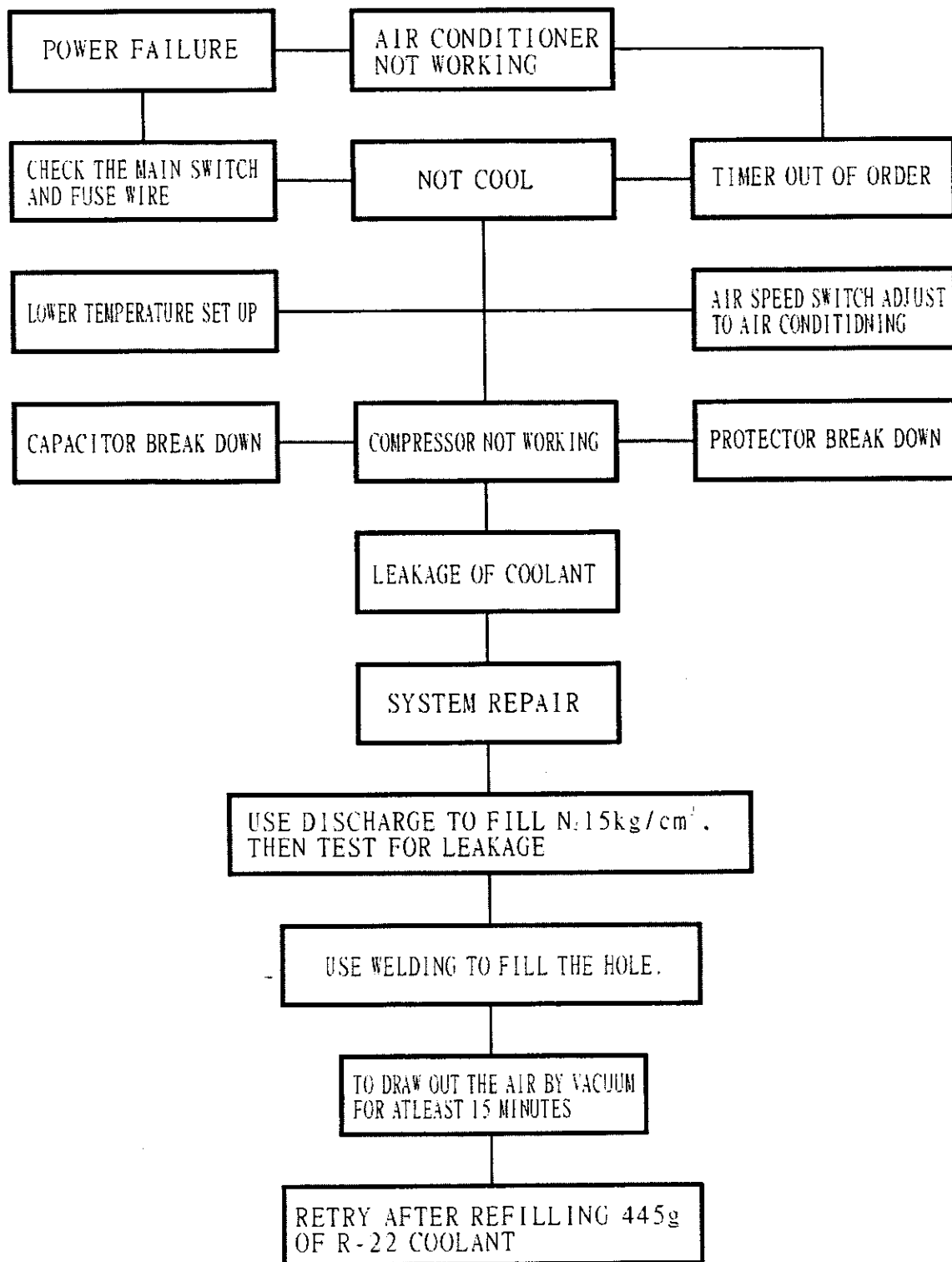
WA-9000



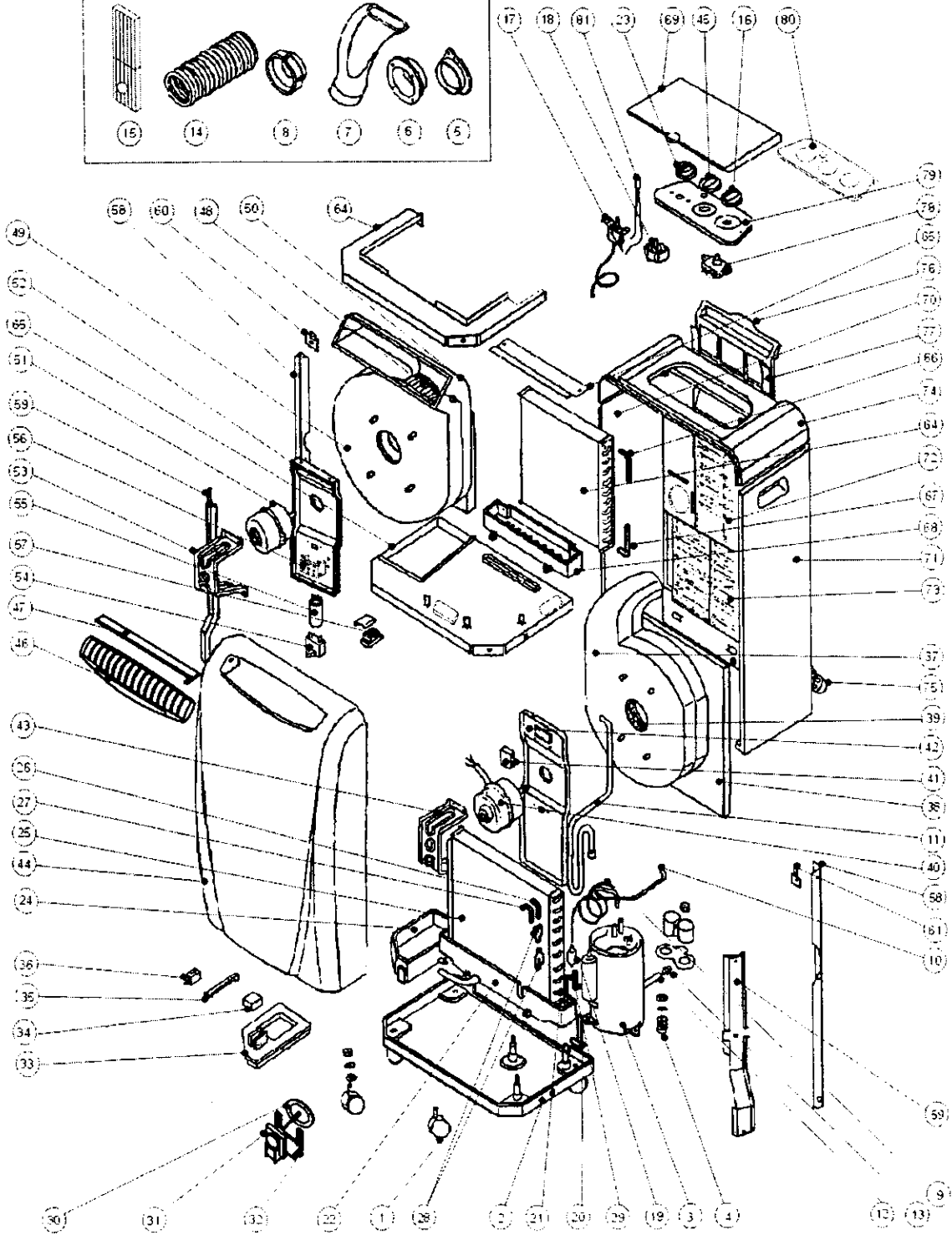
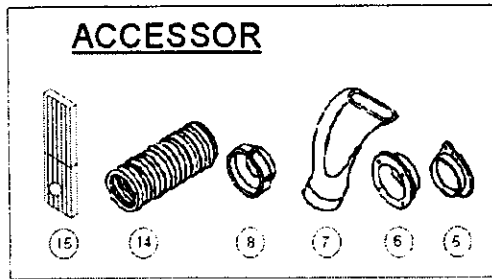
THE REASON OF BREAK DOWN AND THE WAY TO SOLVE IT.

| PROBLEM | POSSIBLE REASONS | WAYS TO SOLVE IT. |
|--|--|---|
| Air conditioner not working | <ul style="list-style-type: none"> ● Power failure. ○ Did not plug on. ● Did not set the timer. ○ Did not set the air speed switch. ● Warning light is on (safety switch is working). ○ Warning light gave the wrong indication. | <ul style="list-style-type: none"> ● Wait for the electricity. ○ Plug on. ● Set the timer switch to the proper position. ○ Set the air speed switch to the proper position. ● Check turbine fan motor for damage. ○ Check whether the wires of the micro switch is connected. |
| Air conditioner stops suddenly | <ul style="list-style-type: none"> ● The set time is complete. ○ The room temperature reached the set temperature. ● Warning light is on (safety switch is working). ○ Warning light gave the wrong indication. | <ul style="list-style-type: none"> ● Re-set the timer. ○ Re-set the temperature. ● Check for damage of the turbine fan motor. ○ Try not to move or shake the air conditioner when the machine is operating. |
| Air conditioner not working properly on and off, on and off | <ul style="list-style-type: none"> ● The wires is not firmly connected. | <ul style="list-style-type: none"> ● Check for loose wires. |
| Wind coming out of the air outlet but the compressor is not moving | <ul style="list-style-type: none"> ● The air speed switch did not set to air conditioning. ○ The thermostat did not set to the proper position. ● The wires of the compressor are not connected properly. ○ Compressor is out of order. | <ul style="list-style-type: none"> ● Set the air speed switch to air conditioning position. ○ Set the thermostat to the proper position. ● Check the wires. ○ Change the compressor. |
| Compressor is working but no wind come out of the air outlet | <ul style="list-style-type: none"> ● The wires in the motor of the indoor unit did not connected properly. ○ The motor is out of order. | <ul style="list-style-type: none"> ● Check the wires. ○ Change the motor. |
| The motor of the outdoor unit is not working | <ul style="list-style-type: none"> ● The wires in the motor of the outdoor unit did not connected properly. ○ The motor is out of order. | <ul style="list-style-type: none"> ● Check the wires. ○ Change the motor. |
| Air conditioner not cool | <ul style="list-style-type: none"> ● There are open windows in the room. ○ Too many people or there is heat source in the room. ● The filter is too dirty. ○ The set temperature is too high. ● Leakage of coolant. | <ul style="list-style-type: none"> ● Close all the open windows. ○ Get rid of the heat sources. ● Clean the filter. ○ Lower the set temperature. ● Check for the leakage of coolant. |
| Water leakage | <ul style="list-style-type: none"> ● Turbine fan motor out of order. ○ Switch of full water out of order. ● Loose pipes. | <ul style="list-style-type: none"> ● Check the turbine fan motor. ○ Check the full water switch. ● Check the joint connection of every pipes. |

COOLING SYSTEM FLOW CHART.



WA-9000 EXPLODE DIAGRAM

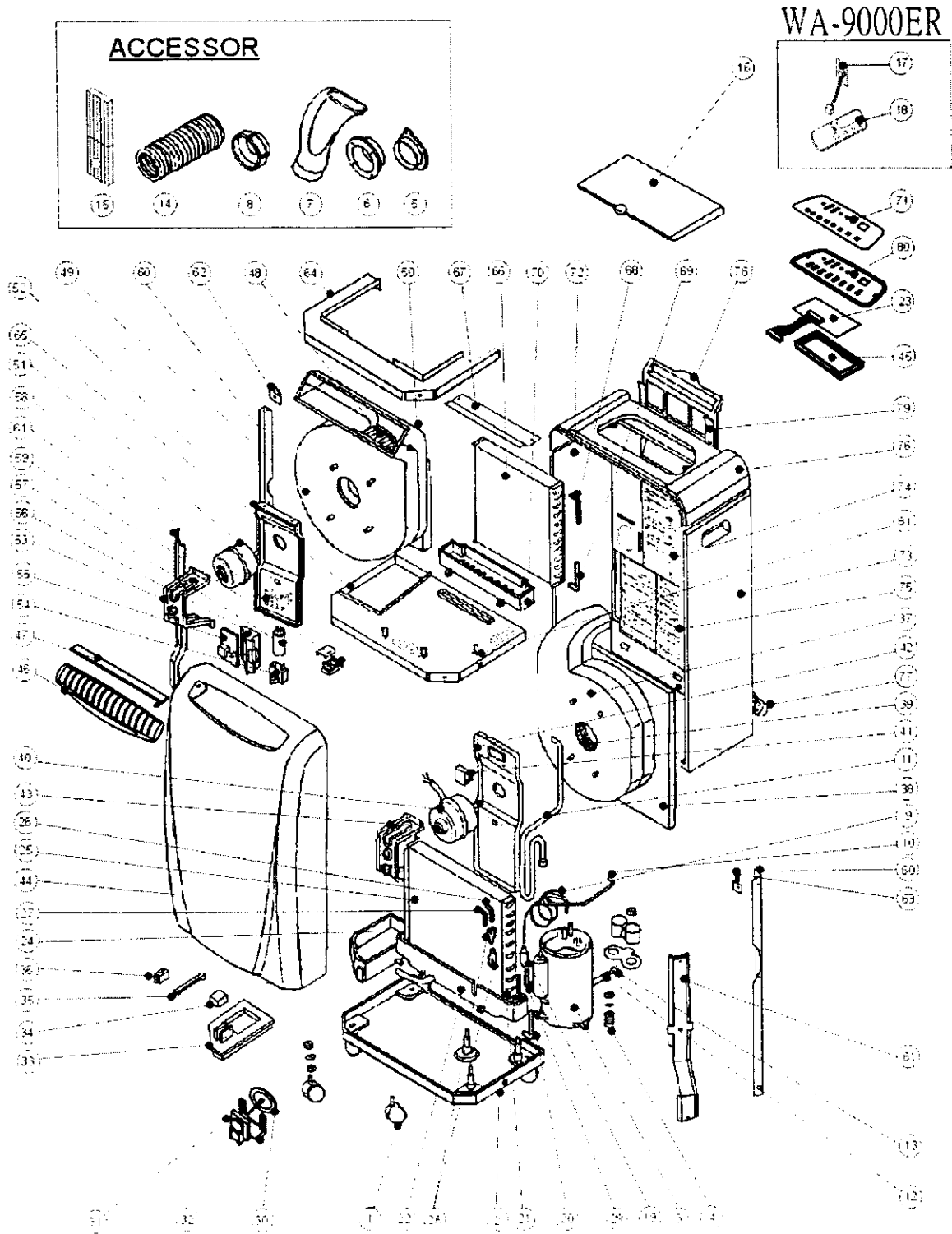


WA-9000 AIR CONDITIONER PARTS LIST (CE75096)

| NO. | MATERIAL NO. | ENGLISH NAME | SPECIFICATION | QUANTITY | REMARK |
|-----|--------------|-----------------------------|------------------------|----------|---------|
| 1 | A7402-010 | TURING WHEEL | D=45mm M6 | 4 | |
| 2 | A4800-010 | BASE PAN | SPCC T=1.4mm | 1 | Coating |
| 3 | A3200-010 | COMPRESSOR ASS'Y | 220-240V/50Hz | 1 | |
| 4 | A5600-010 | RUBBER | NBR65% | 3 | |
| 5 | A6100-010 | CAP | ABS | 1 | |
| 6 | A5811-030 | FIX TURE | ABS | 1 | |
| 7 | A4237-020 | DISCHARGE GRILLE(COMPLETE) | PE | 1 | |
| 8 | A5811-050 | FIX TURE | ABS | 2 | |
| 9 | A6204-010 | CAPILLARY TUBE | | 1 | |
| 10 | A6208-010 | DISCHARGE PIPE | 1/4" T=0.6mm | 1 | |
| 11 | A6227-010 | SUCTION PIPE | 5/16" T=0.6mm | 1 | |
| 12 | V1P13-130 | DRAINAGE PIPE | PVC60% D15xd13xL130mm | 1 | |
| 13 | A7307-010 | SOFT CAP | PVC60% | 1 | |
| 14 | A6200-010 | HEAT EXHAUST HOSE CONNECTOR | D=112mm L=1200mm | 1 | |
| 15 | A5700-030 | PLATE | ABS | 1 | |
| 16 | A4233-010 | KNOB | ABS | 1 | |
| 17 | A2500-010 | THERMOSTAT SWITCH | TB-Y100,250V,20A | 1 | |
| 18 | A2502-010 | ROTARY SWITCH | 4RH AC250V,16A | 1 | |
| 19 | A3408-010 | STRAINER-COMPLETE | P.P. | 1 | |
| 20 | A6215-010 | OUT TUBE | 1/4" T=0.6mm | 1 | |
| 21 | A6215-020 | OUT TUBE | 1/4" T=0.6mm | 1 | |
| 22 | A5000-010 | DRAINAGE PAN(COND) | p.p. | 1 | |
| 23 | A4233-030 | KNOB | ABS | 1 | |
| 24 | A5400-010 | DRAIN BUCKET | ABS | 1 | |
| 25 | A3404-010 | CONDENSER | 2R12S16FPI | 1 | |
| 26 | A6219-010 | IN TUBE | 1/4" T=0.6mm | 1 | |
| 27 | A6219-020 | INTUBE | 1/4" T=0.6mm | 1 | |
| 28 | A6212-010 | MANIFOLD TEBE | 1/4" T=0.6mm | 2 | |
| 29 | A6202-010 | SERVICE PIPE | 1/4" T=0.6mm | 1 | |
| 30 | A5310-010 | BLADE | ABS | 1 | |
| 31 | A3000-150 | STRIKE WATER MOTOR | 220V/50Hz | 1 | |
| 32 | A5802-060 | STRIKE | SGCC T=1.2mm | 1 | |
| 33 | A5407-010 | DRAIN BUCKET COVER | ABS | 1 | |
| 34 | A5404-010 | FLOAT | POLYLON | 1 | |
| 35 | A5409-010 | RENK | ABS | 1 | |
| 36 | A2506-010 | MICRO SWITCH | X3M306K2KA 250V 16(6)A | 1 | |
| 37 | A5300-010 | FAN CASING | ABS | 1 | |
| 38 | A5300-020 | FAN CASING | ABS | 1 | |
| 39 | A5303-020 | BLOWER WHEEL | ABS | 1 | |
| 40 | A3000-040 | FAN MOTOR | 220V/50Hz | 1 | |
| 41 | A2509-030 | CAPACITOR | | 1 | |
| 42 | A5802-070 | STRIKE | SGCC T=1.2mm | 1 | |
| 43 | A5802-080 | STRIKE | SGCC T=1.2mm | 1 | |

| | | | | | |
|----|-----------|-------------------------------|---------------------------------|---|--|
| 44 | A4200-010 | FRONT PANEL | ABS | 1 | |
| 45 | A4233-020 | KNOB | ABS | 1 | |
| 46 | A4237-010 | DISCHARGE GRILLE(COMPLETE) | ABS | 1 | |
| 47 | A4242-010 | VAN-AIR DEFLECTOR | ABS | 1 | |
| 48 | A5303-010 | BLOWER WHEEL | ABS D=200mm | 1 | |
| 49 | A5300-030 | FAN CASING | ABS | 1 | |
| 50 | A5300-040 | FAN CASING | ABS | 1 | |
| 51 | A3000-030 | FAN MOTOR | 220V/50Hz | 1 | |
| 52 | A5802-030 | STRIKE | SGCC T=1.2mm | 1 | |
| 53 | A5802-040 | STRIKE | SGCC T=1.2mm | 1 | |
| 54 | A2509-020 | CAPACITOR | | 1 | |
| 55 | A2509-010 | CAPACITOR | | 1 | |
| 56 | A2525-010 | TERMINAL BLOCK | HP-T4009-2 | 1 | |
| 57 | A2525-020 | TERMINAL BLOCK | T3020 | 1 | |
| 58 | A5802-020 | STRIKE | SGCC T=1.2mm | 2 | |
| 59 | A5802-010 | STRIKE | SGCC T=1.2mm | 2 | |
| 60 | A5806-010 | FIX METAL(LEFT) | SGCC T=1.2mm | 1 | |
| 61 | A5806-020 | FIX METAL(RIGHT) | SGCC T=1.2mm | 1 | |
| 62 | A5700-020 | PLATE | SGCC T=1.2mm | 1 | |
| 63 | A5700-010 | PLATE | SGCC T=1.2mm | 1 | |
| 64 | A3400-010 | EVAPORATOR | 2R11S18FPI | 1 | |
| 65 | A5900-010 | TOP BOARD | SGCC T=1.2mm | 1 | |
| 66 | A6215-030 | OUT TUBE | 1/4" T=0.6mm | 1 | |
| 67 | A6219-030 | IN TUBE | 5/16" T=0.6mm | 1 | |
| 68 | A5000-020 | DRAINAGE PAN | ABS | 1 | |
| 69 | A4215-010 | TRANSPARENT COVER | ABS | 1 | |
| 70 | A4210-010 | SIDE PLATE | ABS | 1 | |
| 71 | A4210-020 | SIDE PLATE | ABS | 1 | |
| 72 | A4218-010 | REAR COVER | ABS | 1 | |
| 73 | A4218-020 | REAR COVER | ABS+PP-NET | 1 | |
| 74 | A4205-010 | TOP COVER | ABS | 1 | |
| 75 | A3700-010 | POWER SUPPLY CORD COMPLETE | | 1 | |
| 76 | A7300-010 | AIR FILTER | ABS | 1 | |
| 77 | A5800-010 | RAIL | SGCC T=1.2mm | 2 | |
| 78 | A2503-010 | TIME SWITCH | | 1 | |
| 79 | A4253-010 | CONTROL PLATE | ABS | 1 | |
| 80 | A6804-010 | CONTROL PANEL | PVC T=0.3mm | 1 | |
| 81 | A2527-010 | LAMP | 220V RED | 1 | |
| 82 | A7100-010 | CARTON | DOUBLE WALL CORRUGATED BOARD | 1 | |
| 83 | A7100-030 | CARTON BASE | DOUBLE WALL CORRUGATED BOARD | 1 | |
| 84 | A7107-010 | SHOCK ABSORBER | P.S. | 1 | |
| 85 | A6800-010 | NAME PLATE | | 1 | |
| 86 | A6500-010 | OPERATION MANUAL | | 1 | |

WA-9000E WA-9000ER EXPLODE DIAGRAM



WA-9000E(WA-9000ER) AIR CONDITIONER PARTS LIST (CE76096-CE77096)

| NO. | MATERIAL NO. | ENGLISH NAME | SPECIFICATION | QTY | REMARK |
|-----|--------------|-----------------------------|---------------------------|-----|--------------------|
| 1 | A7402-010 | TURING WHEEL | D=45mm M6 | 4 | |
| 2 | A4800-010 | BASE PAN | SPCC T=1.4mm | 1 | Coating |
| 3 | A3200-010 | COMPRESSOR ASS'Y | | 1 | |
| 4 | A5600-010 | RUBBER | NBR65% | 3 | |
| 5 | A6100-010 | CAP | ABS | 1 | |
| 6 | A5811-030 | FIX TURE | ABS | 1 | |
| 7 | A4237-020 | DISCHARGE GRILLE(COMPLETE) | PE | 1 | |
| 8 | A5811-050 | FIX TURE | ABS | 1 | |
| 9 | A6204-010 | CAPILLARY TUBE | | 1 | |
| 10 | A6208-010 | DISCHARGE PIPE | 1/4" T=0.6mm | 1 | |
| 11 | A6227-010 | SUCTION PIPE | 5/16" T=0.6mm | 1 | |
| 12 | V1P13-130 | DRAINAGE PIPE | PVC60% D15xd13xL130mm | 1 | |
| 13 | A7307-010 | SOFT CAP | PVC60% | 1 | |
| 14 | A6200-010 | HEAT EXHAUST HOSE CONNECTOR | D=112mm L=1200mm | 1 | |
| 15 | A5700-030 | PLATE | ABS | 1 | |
| 16 | A4215-010 | TRANSPARENT COVER | ABS | 1 | |
| 17 | A2524-010 | SENSOR | | 1 | FOR WA-9000ER ONLY |
| 18 | A2529-010 | REMOTE CONTROL | | 1 | FOR WA-9000ER ONLY |
| 19 | A3408-010 | STRAINER-COMPLETE | P.P. | 1 | |
| 20 | A6215-010 | OUT TUBE | 1/4" T=0.6mm | 1 | |
| 21 | A6215-020 | OUT TUBE | 1/4" T=0.6mm | 1 | |
| 22 | A5000-010 | DRAINAGE PAN(COND) | p.p. | 1 | |
| 23 | A2520-010 | PC BOARD | 220V/50Hz | 1 | |
| 24 | A5400-010 | DRAIN BUCKET | ABS | 1 | |
| 25 | A3404-010 | CONDENSER | 2R12S16FPI | 1 | |
| 26 | A6219-010 | IN TUBE | 1/4" T=0.6mm | 1 | |
| 27 | A6219-020 | INTUBE | 1/4" T=0.6mm | 1 | |
| 28 | A6212-010 | MANIFOLD TEBE | 1/4" T=0.6mm | 2 | |
| 29 | A6202-010 | SERVICE TUBE | 1/4" T=0.6mm | 1 | |
| 30 | A5310-010 | BLADE | ABS | 1 | |
| 31 | A3000-150 | STRIKE WATER MOTOR | 220V/50Hz | 1 | |
| 32 | A5802-060 | STRIKE | SGCC T=1.2mm | 1 | |
| 33 | A5407-010 | DRAIN BUCKET COVER | ABS | 1 | |
| 34 | A5404-010 | FLOAT | POLYLON | 1 | |
| 35 | A5409-010 | RENK | ABS | 1 | |
| 36 | A2506-010 | MICRO SWITCH | X3M306K2KA 250V 16(6)A | 1 | |

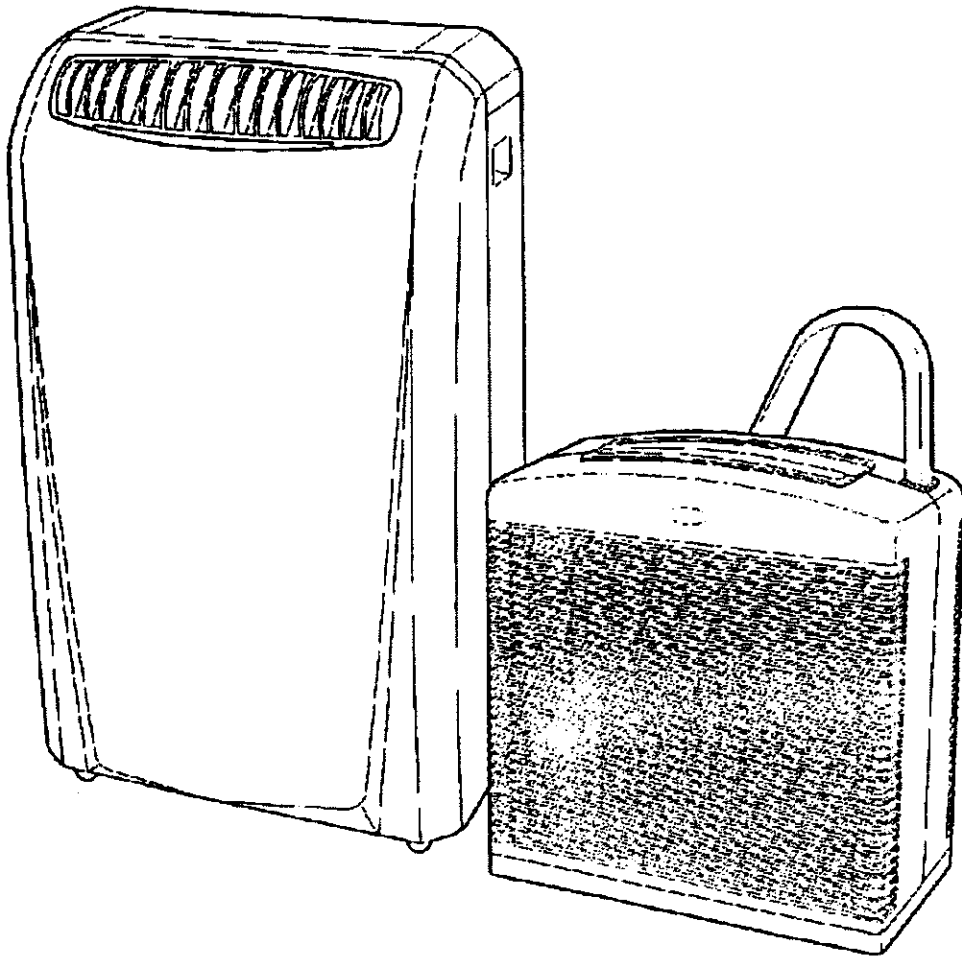
| | | | | | |
|----|-----------|-------------------------------|---------------------------------|---|--|
| 39 | A5303-020 | BLOWER WHEEL | ABS | 1 | |
| 40 | A3000-040 | FAN MOTOR | 220V/50Hz | 1 | |
| 41 | A2509-030 | CAPACITOR | | 1 | |
| 42 | A5802-070 | STRIKE | SGCC T=1.2mm | 1 | |
| 43 | A5802-080 | STRIKE | SGCC T=1.2mm | 1 | |
| 44 | A4200-010 | FRONT PANEL | ABS | 1 | |
| 45 | A6100-020 | CAP | ABS | 1 | |
| 46 | A4237-010 | DISCHARGE GRILLE(COMPLETE) | ABS | 1 | |
| 47 | A4242-010 | VAN-AIR DEFLECTOR | ABS | 1 | |
| 48 | A5303-010 | BLOWER WHEEL | ABS D=200mm | 1 | |
| 49 | A5300-030 | FAN CASING | ABS | 1 | |
| 50 | A5300-040 | FAN CASING | ABS | 1 | |
| 51 | A3000-030 | FAN MOTOR | 220V/50Hz | 1 | |
| 52 | A5802-030 | STRIKE | SGCC T=1.2mm | 1 | |
| 53 | A5802-040 | STRIKE | SGCC T=1.2mm | 1 | |
| 54 | A2509-020 | CAPACITOR | | 1 | |
| 55 | A2516-010 | CONTROL BOARD | 220V/50Hz | 1 | |
| 56 | A5811-040 | FIX TURE | ABS(94V0) | | |
| 57 | A2509-010 | CAPACITOR | | 1 | |
| 58 | A2525-010 | TERMINAL BLOCK | HP-T4009-2 | 1 | |
| 59 | A2525-020 | TERMINAL BLOCK | T3020 | 1 | |
| 60 | A5802-020 | STRIKE | SGCC T=1.2mm | 2 | |
| 61 | A5802-010 | STRIKE | SGCC T=1.2mm | 2 | |
| 62 | A5806-010 | FIX METAL(LEFT) | SGCC T=1.2mm | 1 | |
| 63 | A5806-020 | FIX METAL(RIGHT) | SGCC T=1.2mm | 1 | |
| 64 | A5700-020 | PLATE | SGCC T=1.2mm | 1 | |
| 65 | A5700-010 | PLATE | SGCC T=1.2mm | 1 | |
| 66 | A3400-010 | EVAPORATOR | 2R11S18FPI | 1 | |
| 67 | A5900-010 | TOP BOARD | SGCC T=1.2mm | 1 | |
| 68 | A6215-030 | OUT TUBE | 5/16" T=0.6mm | 1 | |
| 69 | A6219-030 | IN TUBE | 1/4" T=0.6mm | 1 | |
| 70 | A5000-020 | DRAINAGE PAN | ABS | 1 | |
| 71 | A6804-040 | CONTROL PANEL | PVC T=0.3mm | 1 | |
| 72 | A4210-010 | SIDE PLATE | ABS | 1 | |
| 73 | A4210-020 | SIDE PLATE | ABS | 1 | |
| 74 | A4218-010 | REAR COVER | ABS | 1 | |
| 75 | A4218-020 | REAR COVER | ABS+PP-NET | 1 | |
| 76 | A4205-010 | TOP COVER | ABS | 1 | |
| 77 | A3700-010 | POWER SUPPLY CORD COMPLETE | | 1 | |
| 78 | A7300-010 | AIR FILTER | ABS | 1 | |
| 79 | A5800-010 | RAIL | SGCC T=1.2mm | 2 | |
| 80 | A4253-020 | CONTROL PLATE | ABS | 1 | |
| 81 | A7100-010 | CARTON | DOUBLE WALL CORRUGATED BOARD | 1 | |



NEW WIDETECH

SPLIT PORTABLE AIR CONDITIONER

WA-12000 WA-12000E WA-12000ER



SERVICE MANUAL

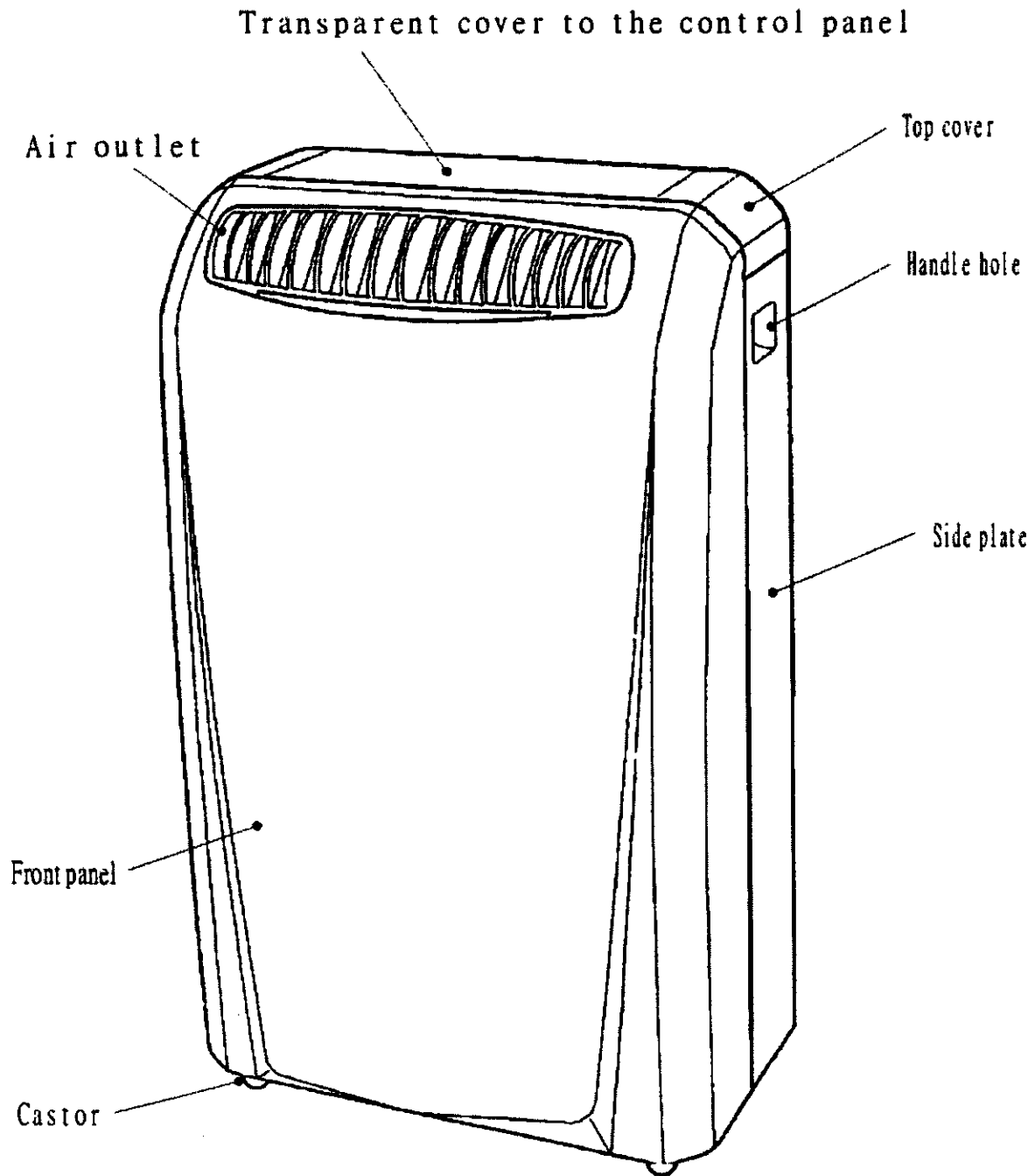
THIS SERVICE MANUAL IS REFERENCE FOR THE SERVICE PEOPLE

NO ADVANCE NOTICE WILL BE GIVEN IF THE OUTLOOK, COOLING SYSTEM OR THE USED PARTS CHANGED FOR FURTHER IMPROVEMENT.

SPECIFICATION

| | | | | | |
|--------------------------------------|-----------------|--|--|---------------|--|
| Description of product | | Split Portable Air Conditioner | | | |
| Model | | WA-12000 / WA-12000E / WA-12000ER | | | |
| Size of shell (W*H*D) | | 46.5cm*83cm*31cm (Indoor unit) 45cm*46cm*30cm (Outdoor unit) | | | |
| Area (m ²) | | 19~25 | | | |
| Voltage / Frequency | | 220~240/50 | | | |
| Operating cycle (V) | | 207~253 | | | |
| Cooling capacity (B.T.U.) | | 12000 | | | |
| Moisture removal (L/H) | | 1.6 | | | |
| Operating cycle (A) | | 6.2 | | | |
| Input power (W) | | 1200 | | | |
| Air flow volume (m ³ /hr) | | 320 | | | |
| Compressor | Model | | | K2TC207E1FA-F | |
| | Input power | | | 1180/1195W | |
| | Operating cycle | | | 25uF/400V | |
| | Protector | | | inside | |
| | Motor input | | | | |
| Indoor motor | Model | | | WTF-49GH-2 | |
| | Out put power | | | 28W | |
| | Operating cycle | | | 1.5uF/450V | |
| Outdoor motor | Model | | | JSC-45G | |
| | Out put power | | | 43W | |
| | Operating cycle | | | 3.5uF/450V | |
| Water pump | Model | | | NME | |
| | Out put power | | | 16W | |
| Evaporator (R/S/FPI) | | 2R/12S/19FPI | | | |
| Condenser (R/S/FPI) | | 2R/14S/14FPI | | | |
| Capillary (O.D./I.D./L) | | 2.6mm/1.4mm/3200mm ~ 3 pcs | | | |
| Coolant (g) | | R22/700g | | | |
| Environment temperature (°C) | | WA-12000: 18~35 WA-12000E/WA-12000R: 16~32 | | | |
| Weight (kgs) | | Indoor unit: 32 Outdoor unit: 15 | | | |
| Remarks | | | | | |

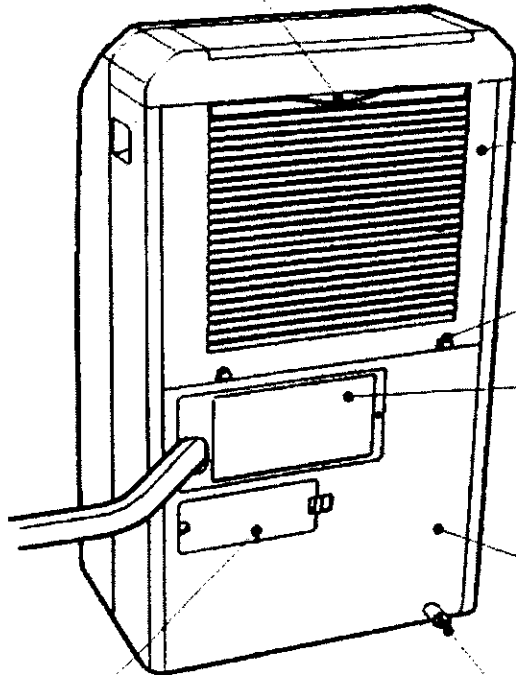
Description of Components



Indoor unit

Screen filter

Back side



Rear upper cover

Outdoor unit's mounting screw

Cover to umbilical connection. Always keep cover on.

Rear cover down

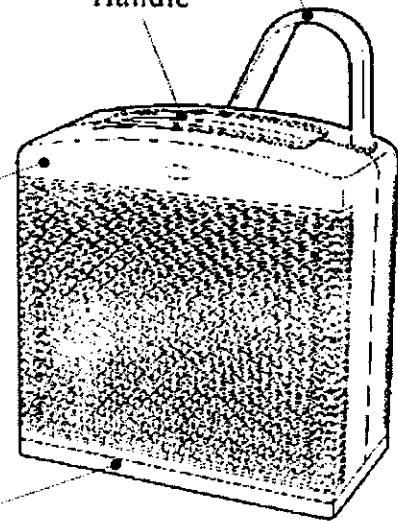
Power cord compartment

Water drainage pipe and pipe plug

Flexible umbilical cord

Handle

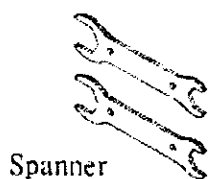
Cabinet



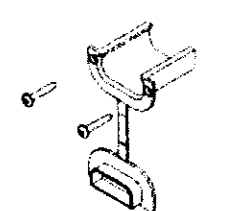
Base pan

Outdoor unit

Accessor



Spanner



Frame for flexible connecting house



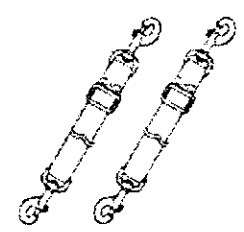
Wall plugs (with screws)



Protective cap for connector

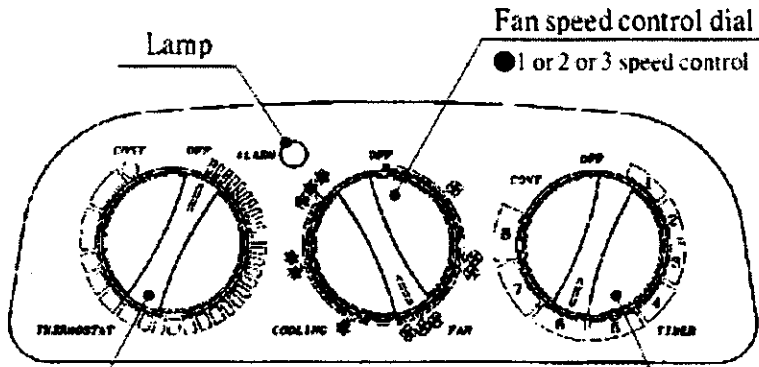
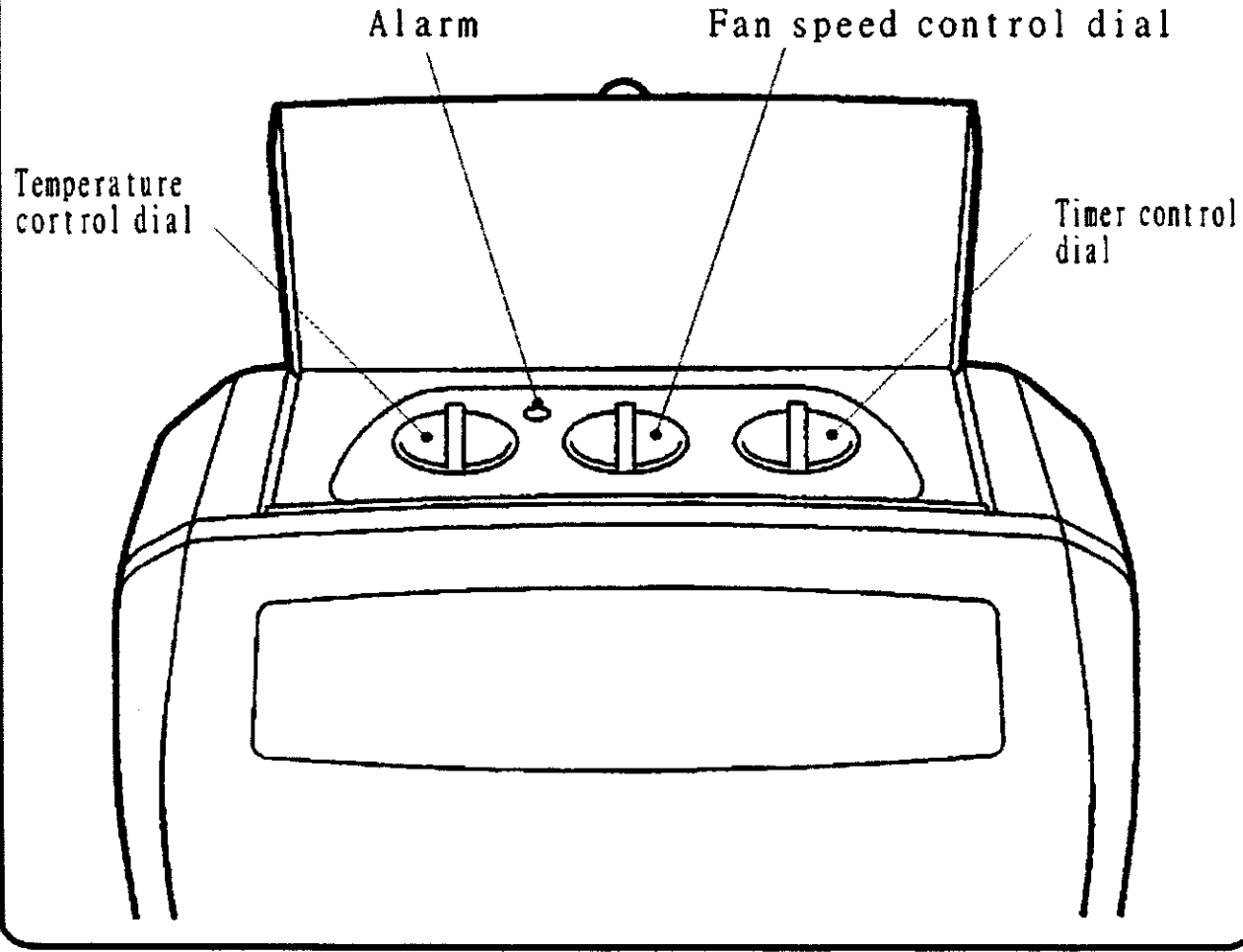


Mounting brackets



Support belt with hook

WA-12000



Temperature control dial

● For setting your temperature requirement or continuous cooling (18-35°C)

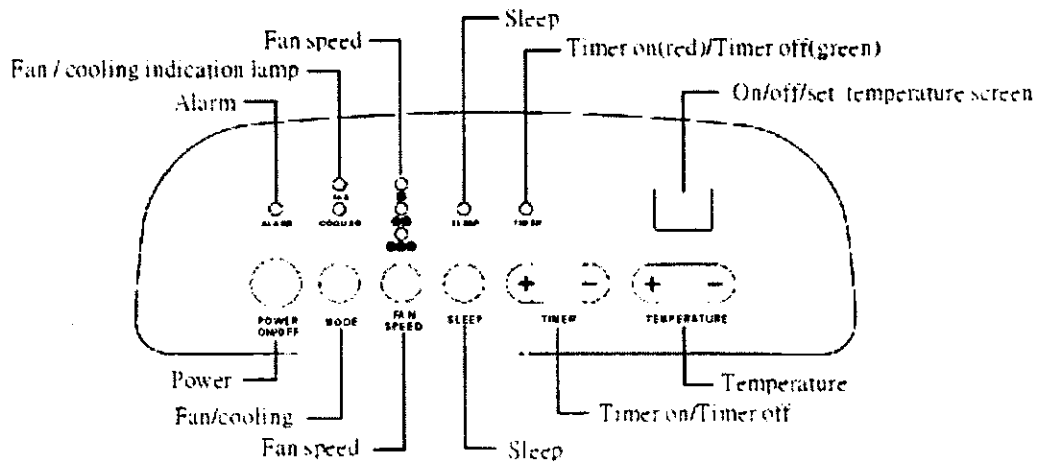
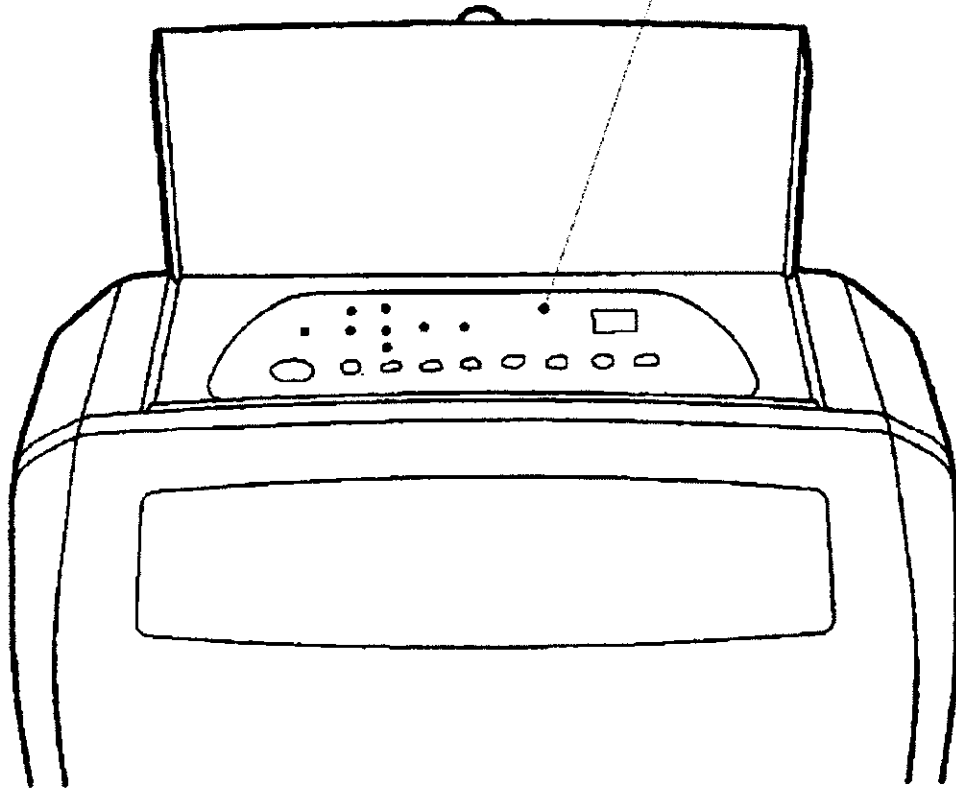
Timer control dial

● Setting from 1-8 hours or continuous operation

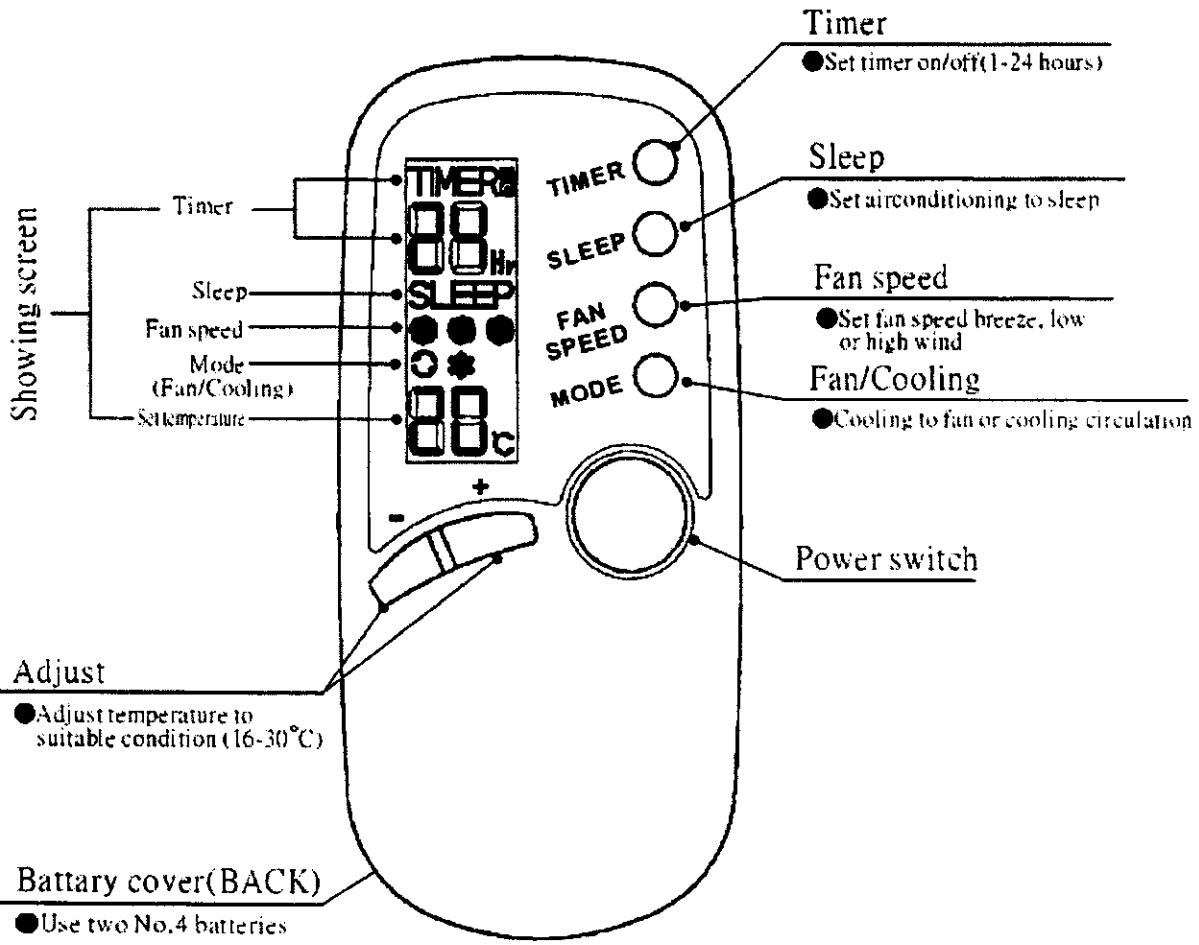
Control panel

WA-12000E
WA-12000ER

Control panel

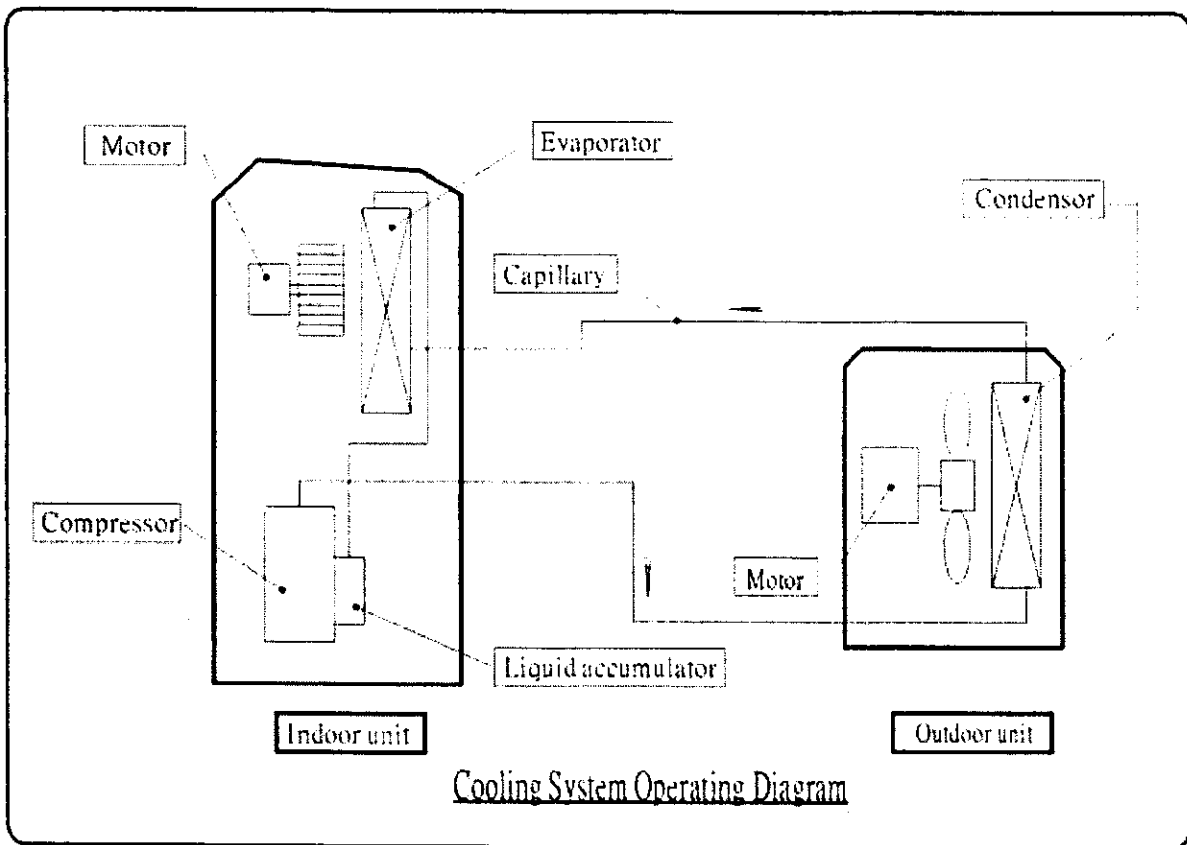


WA-12000ER

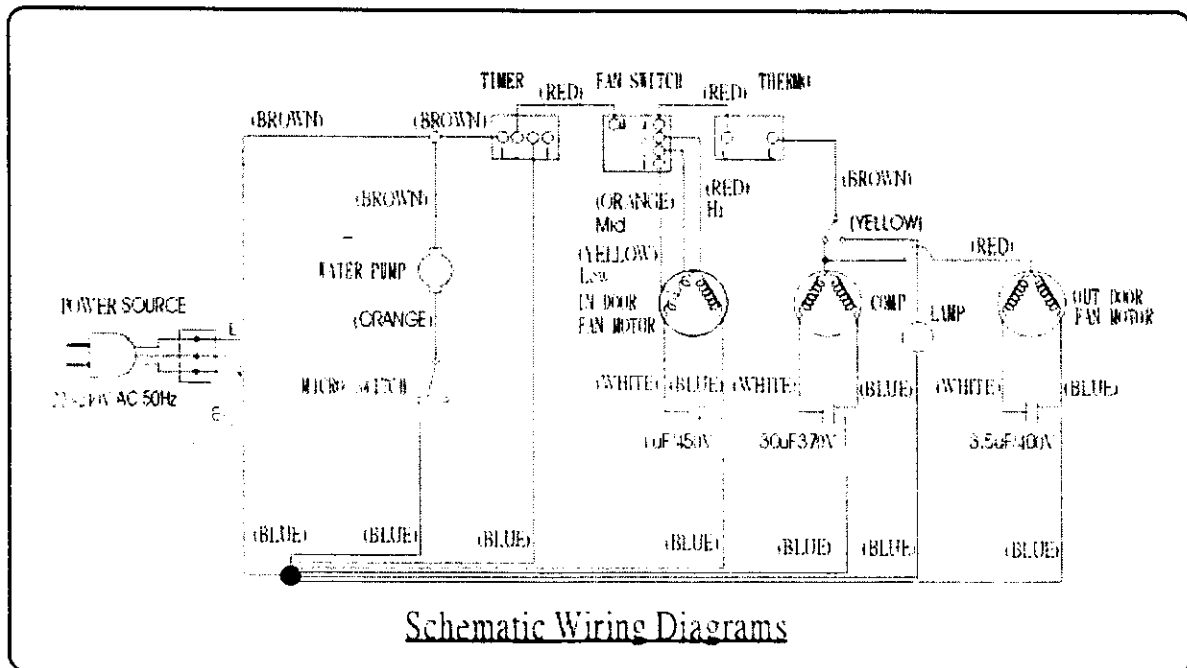


Remote Control

Cooling System Operating & Schematic wiring Diagrams

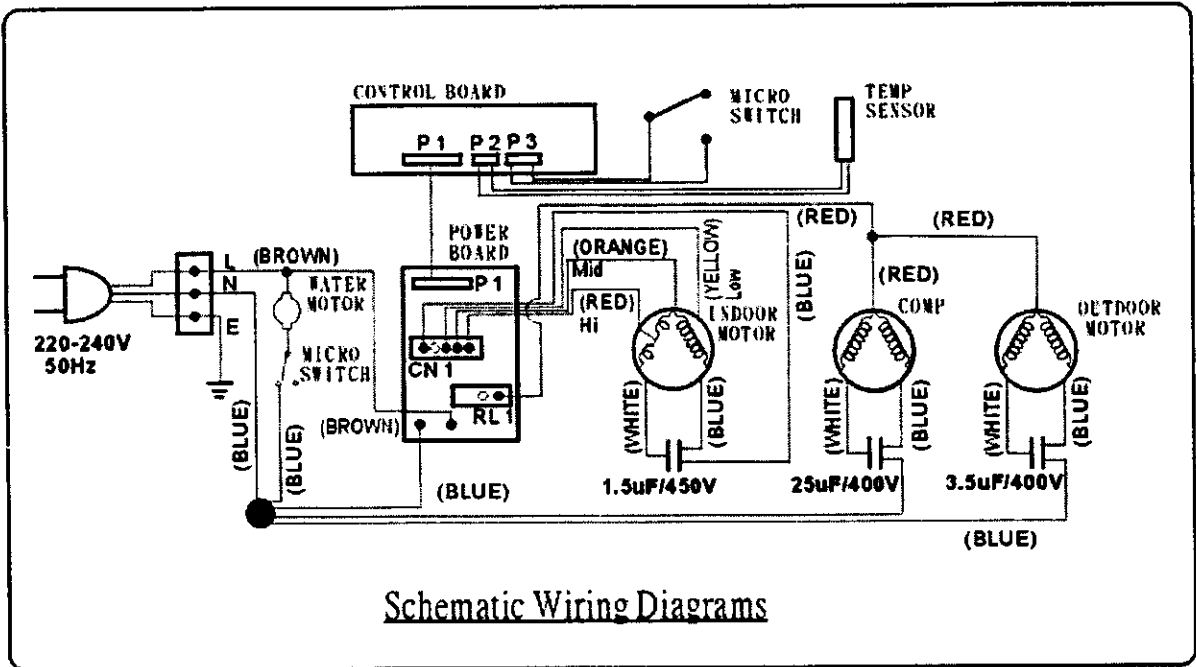


WA-12000

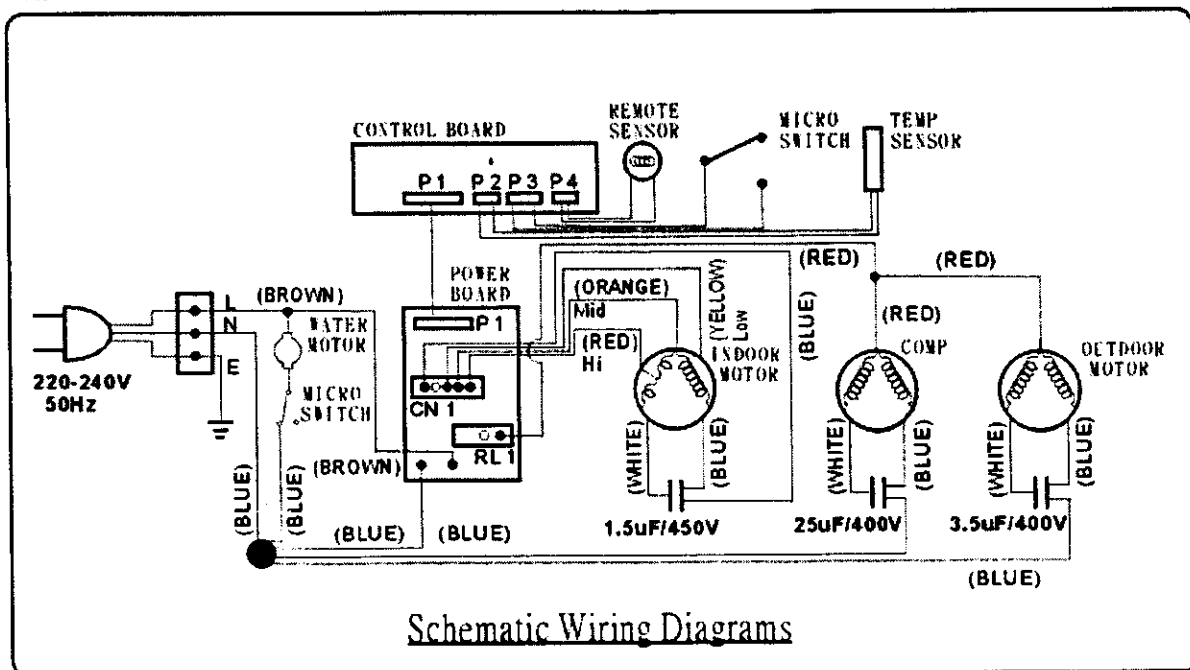


Schematic Wiring Diagrams

WA-12000E



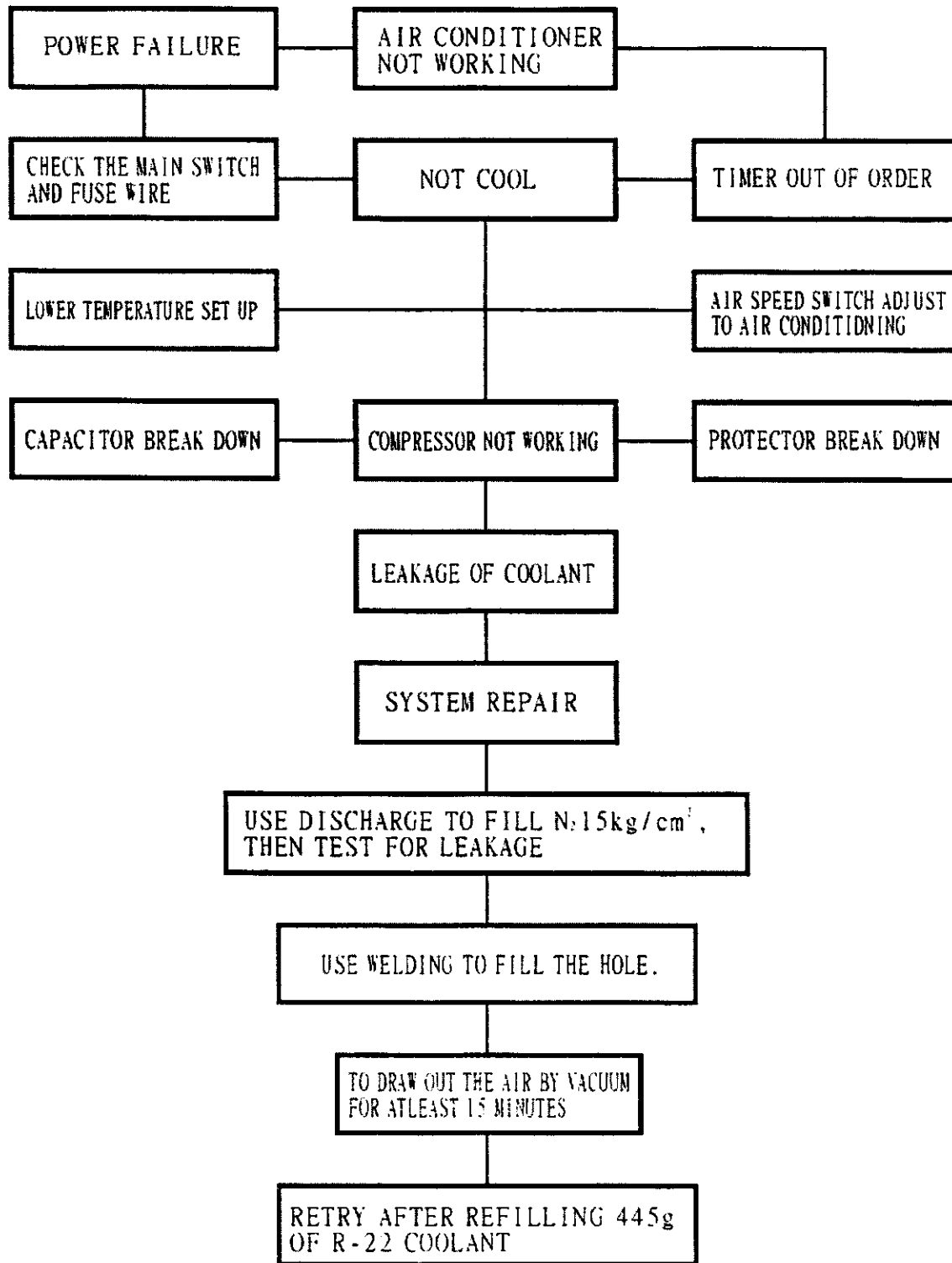
WA-12000ER



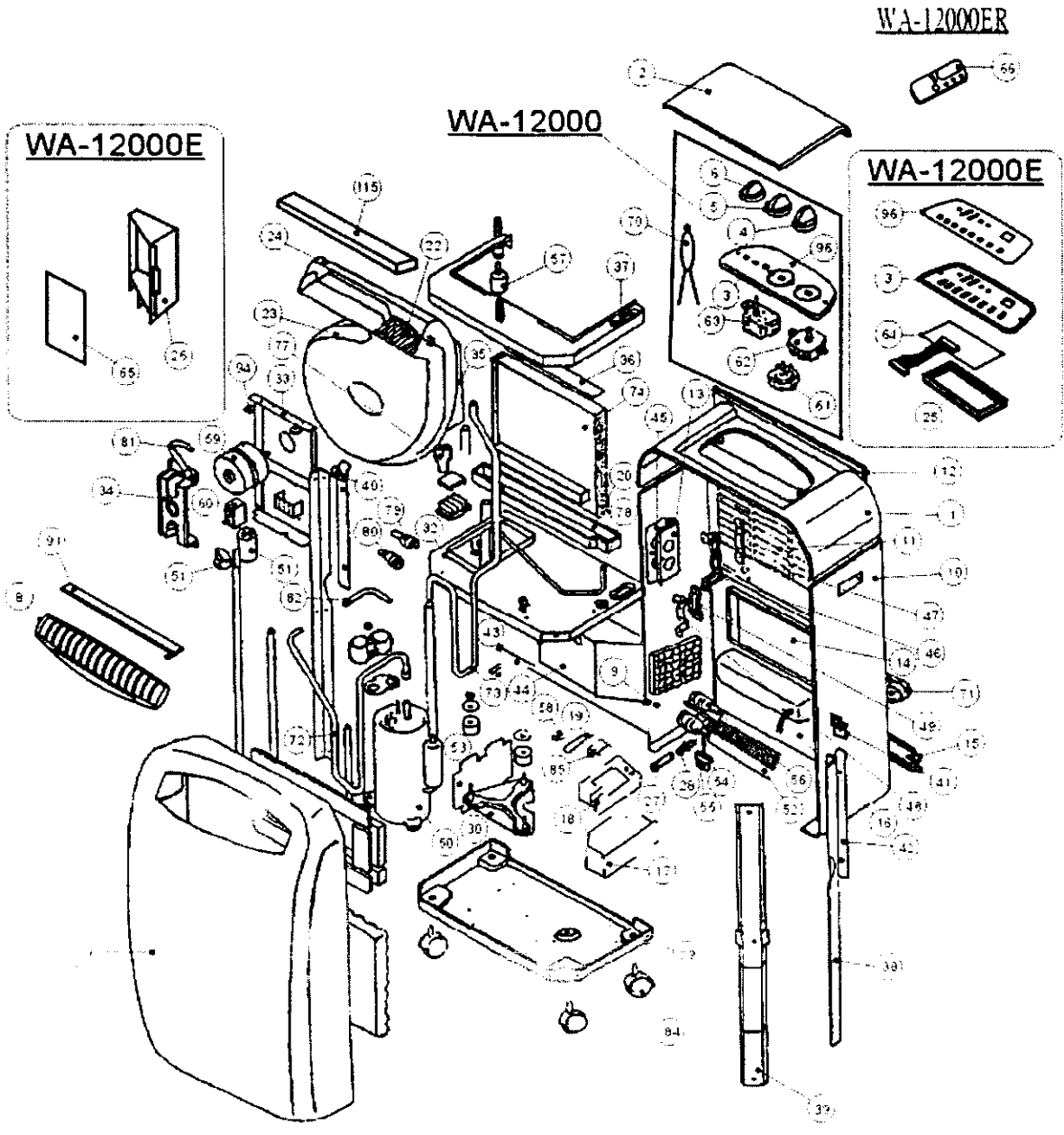
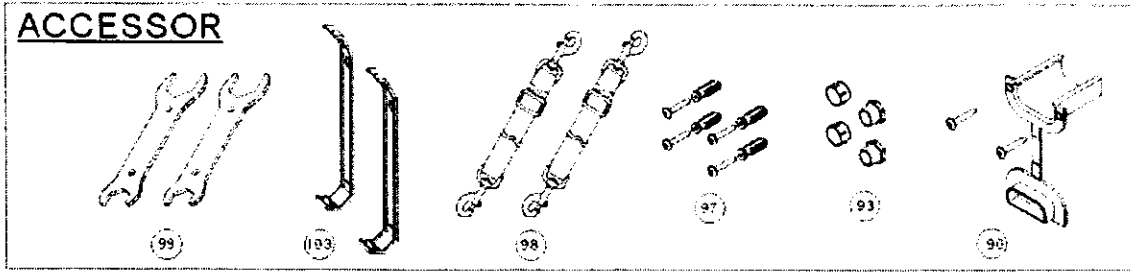
THE REASON OF BREAK DOWN AND THE WAY TO SOLVE IT.

| PROBLEM | POSSIBLE REASONS | WAYS TO SOLVE IT. |
|--|--|---|
| Air conditioner not working | <ul style="list-style-type: none"> ● Power failure. ○ Did not plug on. ● Did not set the timer. ○ Did not set the air speed switch. ● Warning light is on (safety switch is working). ○ Warning light gave the wrong indication. | <ul style="list-style-type: none"> ● Wait for the electricity. ○ Plug on. ● Set the timer switch to the proper position. ○ Set the air speed switch to the proper position. ● Check turbine fan motor for damage. ○ Check whether the wires of the micro switch is connected. |
| Air conditioner stops suddenly | <ul style="list-style-type: none"> ● The set time is complete. ○ The room temperature reached the set temperature. ● Warning light is on (safety switch is working). ○ Warning light gave the wrong indication. | <ul style="list-style-type: none"> ● Re-set the timer. ○ Re-set the temperature. ● Check for damage of the turbine fan motor. ○ Try not to move or shake the air conditioner when the machine is operating. |
| Air conditioner not working properly on and off on and off | <ul style="list-style-type: none"> ● The wires is not firmly connected. | <ul style="list-style-type: none"> ○ Check for loose wires. |
| Wind coming out of the air outlet but the compressor is not moving | <ul style="list-style-type: none"> ● The air speed switch did not set to air conditioning. ○ The thermostat did not set to the proper position. ● The wires of the compressor are not connected properly. ○ Compressor is out of order. | <ul style="list-style-type: none"> ○ Set the air speed switch to air conditioning position. ○ Set the thermostat to the proper position. ● Check the wires. ○ Change the compressor. |
| Compressor is working but no wind come out of the air outlet | <ul style="list-style-type: none"> ● The wires in the motor of the indoor unit did not connected properly. ○ The motor is out of order. | <ul style="list-style-type: none"> ● Check the wires. ○ Change the motor. |
| The motor of the outdoor unit is not working | <ul style="list-style-type: none"> ● The wires in the motor of the outdoor unit did not connected properly. ○ The motor is out of order. | <ul style="list-style-type: none"> ● Check the wires. ○ Change the motor. |
| Air conditioner not cool | <ul style="list-style-type: none"> ● There are open windows in the room. ○ Too many people or there is heat source in the room. ● The filter is too dirty. ○ The set temperature is too high. ● Leakage of coolant. | <ul style="list-style-type: none"> ● Close all the open windows. ○ Get rid of the heat sources. ● Clean the filter. ○ Lower the set temperature. ● Check for the leakage of coolant. |
| Water leakage | <ul style="list-style-type: none"> ● Turbine fan motor out of order. ○ Switch of full water out of order. ● Loose pipes. | <ul style="list-style-type: none"> ● Check the turbine fan motor. ○ Check the full water switch. ● Check the joint connection of every pipes. |

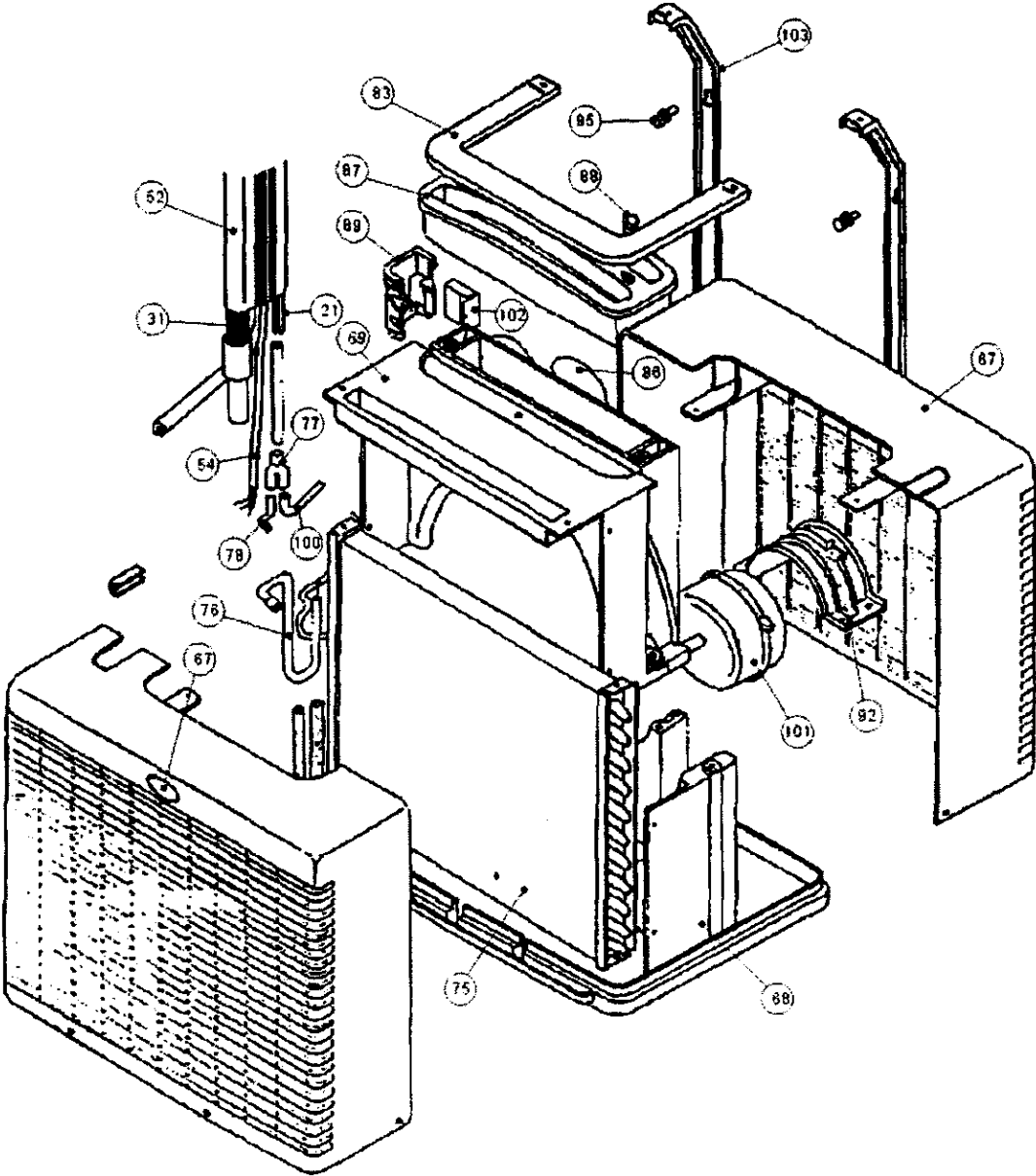
COOLING SYSTEM FLOW CHART.



WA-12000(WA-12000E WA-12000ER) EXPLODE DIAGRAM(IN DOOR UNIT)



WA-12000 (WA-12000E WA-12000ER) EXPLODE DIAGRAM (OUT DOOR UNIT)



**WA-12000 (CE75126), WA-12000E (CE76126), WA-12000ER (CE77126)
SPLIT PORTABLE AIR CONDITIONER PARTS LIST**

| NO: | MATERIAL CODE | PARTS NAME | SPECIFICATION | QTY | REMARK |
|-----|---------------|-----------------------------|-------------------------------|-----|-----------|
| 1. | A4205-010 | TOP COVER PLATE | ABS | 1 | |
| 2. | A4215-010 | TRANSPARENT COVER | ABS, TRANSPARENT | 1 | |
| 3. | A4253-010 | CONTROL PLATE | ABS | 1 | WA-12000E |
| 4. | A4233-010 | KNOB | ABS | 1 | |
| 5. | A4233-020 | KNOB | ABS | 1 | |
| 6. | A4233-030 | KNOB | ABS | 1 | |
| 7. | A4200-010 | FRONT PANEL | ABS | 1 | |
| 8. | A4237-010 | DISCHARGE GRILLE (COMPLETE) | ABS | 1 | |
| 9. | A4210-010 | SIDE PLATE | ABS | 1 | |
| 10. | A4210-020 | SIDE PLATE | ABS | 1 | |
| 11. | A4218-030 | REAR COVER | ABS | 1 | |
| 12. | A7300-020 | AIR FILTER | ABS+WHITE PE NET | 1 | |
| 13. | A5811-110 | FIX TURE | | 1 | |
| 14. | A6100-030 | CAP | ABS | 1 | |
| 15. | A5811-010 | FIX TURE | ABS | 1 | |
| 16. | A4218-040 | REAR COVER | ABS | 1 | |
| 17. | A5400-010 | DRAIN BUCKET | ABS | 1 | |
| 18. | A5407-020 | DRAIN BUCKET COVER | ABS | 1 | |
| 19. | A5409-020 | RENK | SECC, T=1.0mm | 1 | |
| 20. | A5000-030 | DRAINAGE PAN | P.P | 1 | |
| 21. | A6204-030 | CAPILLARY TUBE | 2.6*1.4*3200mm | 3 | |
| 22. | A5303-010 | BLOWER WHEEL | ABS,D=200mm | 1 | |
| 23. | A5300-030 | FAN CASING | ABS | 1 | |
| 24. | A5300-040 | FAN CASING | ABS | 1 | |
| 25. | A6100-020 | CAP | ABS | 1 | WA-12000E |
| 26. | A5811-040 | FIX TURE | ABS | 1 | WA-12000E |
| 27. | VB02P11-33 | WATER TANK DRAINAGE PIPE | BLACK ,PVC, D15*d11*T2*L330mm | 1 | |
| 28. | A7307-010 | SOFT CAP | BLACK ,PVC60% | 1 | |
| 29. | A4800-010 | BASE PAN | SPCC,T=1.4mm | 1 | |
| 30. | A4800-030 | BASE PAN | SPCC,T=1.5mm | 1 | |
| 31. | A6201-010 | AUTOCLAVE TUBE | 3/8" L=3000mm | 1 | |
| 32. | A5700-010 | PLATE | SGCC, T=1.2mm | 1 | |
| 33. | A5802-030 | STRIKE | SGCC,T=1.2mm | 1 | |
| 34. | A5802-040 | STRIKE | SGCC,T=1.2mm | 1 | |
| 35. | A4210-030 | SIDE PLATE | SGCC,T=1.2mm | 1 | |
| 36. | A5900-020 | TOP BOARD | SGCC,T=1.2mm | 1 | |
| 37. | A5700-020 | PLATE | SGCC ,T=1.2mm | 1 | |
| 38. | A5802-010 | STRIKE | SGCC ,T=1.2mm | 2 | |
| 39. | A5802-020 | STRIKE | SGCC ,T=1.2mm | 2 | |
| 40. | A5806-010 | FIX METAL | SGCC ,T=1.2mm | 1 | |
| 41. | A5806-020 | FIX METAL | SGCC ,T=1.2mm | 1 | |
| 42. | A5800-010 | RAIL | SGCC ,T=1.2mm | 2 | |
| 43. | A5802-050 | STRIKE | SGCC ,T=1.2mm | 1 | |
| 44. | A7700-010 | ELECTRONIC BOX | SGCC ,T=1.2mm | 1 | |

| | | | | | |
|-----|-----------|-------------------------------|-----------------------------|---|------------|
| 45. | A3204-080 | GASKET | SGCC ,T=1.2mm | 1 | |
| 46. | A5806-060 | FIX METAL | SGCC ,T=1.2mm | 1 | |
| 47. | A5806-070 | FIX METAL | SGCC ,T=1.2mm | 1 | |
| 48. | A5806-080 | FIX METAL | SGCC ,T=1.2mm | 1 | |
| 49. | A5806-090 | FIX METAL | SGCC ,T=1.2mm | 1 | |
| 50. | A3200-050 | COMPRESSOR ASS'Y | 220-240V 50Hz | 1 | |
| 51. | A2509-030 | CAPACITOR | 220-240V 50Hz | 1 | |
| 52. | A6223-010 | FLEXIBLE PIPE | PVC,L=2800mm | 1 | |
| 53. | A5500-030 | SOUND ARRESTER | UPE | 1 | |
| 54. | A3703-140 | LEAD WIRE COMPLETE | YELLOW,18AWG BROWN,18AWG | 1 | |
| 55. | A3413-030 | QUICK CONNECTOR | 3/8" | 1 | |
| 56. | A3413-040 | QUICK CONNECTOR | 5/16" | 1 | |
| 57. | A3004-010 | PUMP | 220-240V 50Hz | 1 | |
| 58. | A2506-010 | MICRO SWITCH | X3M306K2KA,250V,16(6) A | 1 | |
| 59. | A3000-090 | FAN MOTOR | 220-240V 50Hz | 1 | |
| 60. | A2509-010 | CAPACITOR | | 1 | |
| 61. | A2503-010 | TIME SWITCH | AMT-808,220V 50Hz | 1 | |
| 62. | A2502-010 | ROTARY SWITCH | 4RH AC250V,16A | 1 | |
| 63. | A2500-010 | THERMOSTAT SWITCH | TB-Y100,250V,20A | 1 | |
| 64. | A2520-010 | PC BOARD | 220V/50Hz | 1 | WA-12000E |
| 65. | A2516-010 | CONTROL BOARD | 220V/50Hz | 1 | WA-12000E |
| 66. | A2529-010 | REMOTE CONTROL | | 1 | WA-12000ER |
| 67. | A4256-010 | CABINET | ABS | 1 | |
| 68. | A4800-020 | BASE PAN | ABS | 1 | |
| 69. | A5300-050 | FAN CASING | ABS | 1 | |
| 70. | A2527-010 | LAMP | 220V,RED | 1 | |
| 71. | A3700-010 | POWER SUPPLY CORD COMPLETE | | 1 | |
| 72. | A6208-020 | DISCHARGE PIPE | 5/16"(□ 7.94) T=0.7 | 1 | |
| 73. | A6227-020 | SUCTION PIPE | 3/8"(□ 9.52) T=0.7 | 1 | |
| 74. | A3400-020 | EVAPORATOR | 2R12S19FPI | 1 | |
| 75. | A3404-020 | CONDENSER | 2R14S14FPI | 1 | |
| 76. | A6219-060 | IN TUBE | 5/16"(OUT) | 2 | |
| 77. | A6212-010 | MANIFOLD TEBE | Y TYPE, 1/4" T=0.6mm | 1 | |
| 78. | A6213-030 | CONNECTION TUBE | 1/4"(□ 6.35), T=0.7mm | 1 | |
| 79. | A3413-010 | QUICK CONNECTOR | 3/8" | 1 | |
| 80. | A3413-020 | QUICK CONNECTOR | 5/16" | 1 | |
| 81. | A6213-080 | CONNECTION TUBE | L TYPE 1/4" T=0.7mm | 1 | |
| 82. | A6213-090 | CONNECTION TUBE | L TYPE 1/4" T=0.7mm | 1 | |
| 83. | A5802-100 | STRIKE | SGCC,T=1.6mm | 1 | |
| 84. | A7402-010 | TURING WHEEL | M6,D=50mm | 4 | |
| 85. | A5404-020 | FLOAT | POLON | 1 | |
| 86. | A5306-010 | PROPELLER FAN | ABS,D=380mm | 1 | |
| 87. | A4257-010 | HANDLE | ABS | 1 | |

| | | | | | |
|------|-----------|-----------------------|---------------------|---|-----------|
| 88. | A6101-010 | SCREW TOP COVER | PVC60% | 2 | |
| 89. | A5802-140 | STRIKE | ABS | 1 | |
| 90. | A5811-020 | FIX TURE | ABS | 1 | |
| 91. | A4242-010 | VAN AIR DEFLECTOR | | 1 | |
| 92. | A5802-090 | STRIKE | SGCC,T=1.2mm | 2 | |
| 93. | A6100-050 | CAP | RED | 4 | |
| 94. | SWT4 | SCREW CLIP | D=4mm | 7 | |
| 95. | A7202-010 | HANG BOLT | M5*35 | 2 | |
| 96. | A6804-020 | NAME PANEL | P.P, T=0.5mm | 1 | WA-12000E |
| 97. | A7409-010 | SCREW PLASTIC BELT | 4*40 | 4 | |
| 98. | A7304-010 | BELT | | 2 | |
| 99. | A7302-010 | SPANNER | T=3mm,SPCC | 1 | |
| 100. | A6202-020 | SERVICE TUBE | 1/4"(= 6.35)T=0.7mm | 1 | |
| 101. | A3000-120 | FAN MOTOR | 220-240V 50Hz | 1 | |
| 102. | A7700-020 | ELECTRONIC BOX | SGCC,T=0.8mm | 1 | |
| 103. | A5802-110 | STRIKE | SGCC,T=1.6mm | 2 | |



*'You Can Count on me . . .
to Work Safely.'*