



PORTABLE AIR CONDITIONERS

SERVICE MANUAL

No. _____

Models

TAC-12CPA/KA
TAC-12CHPA/KA
TAC-14CPA/KA
TAC-14CHPA/KA

CONTENTS

1. IMPORTANT NOTICE
2. TECHNICAL SPECIFICATION
3. REFRIGERATION CYCLE DIAGRAM
4. OPERATION DETAILS
5. WIRING DIAGRAM
6. EXPLOSION VIEW AND PART LISTS
7. PRECAUTION
8. NAMES OF PARTS
9. INSTALLATION MANUAL
10. CARE AND CLEANING
11. TROUBLE SHOOTING
12. DISASSEMBLY PROCEDURE



1. IMPORTANT NOTICE

This service manual is intended for use by individuals possessing adequate backgrounds of electrical, electronic and mechanical experience. Any attempt to repair the appliance may result in personal injury and property damage. The manufacturer or seller cannot be responsible for the interpretation of this information, nor can it assume any liability in connection with its use.

The information, specifications and parameters are subject to change due to technical modification or improvement without any prior notice. The accurate specifications are presented on the nameplate label.

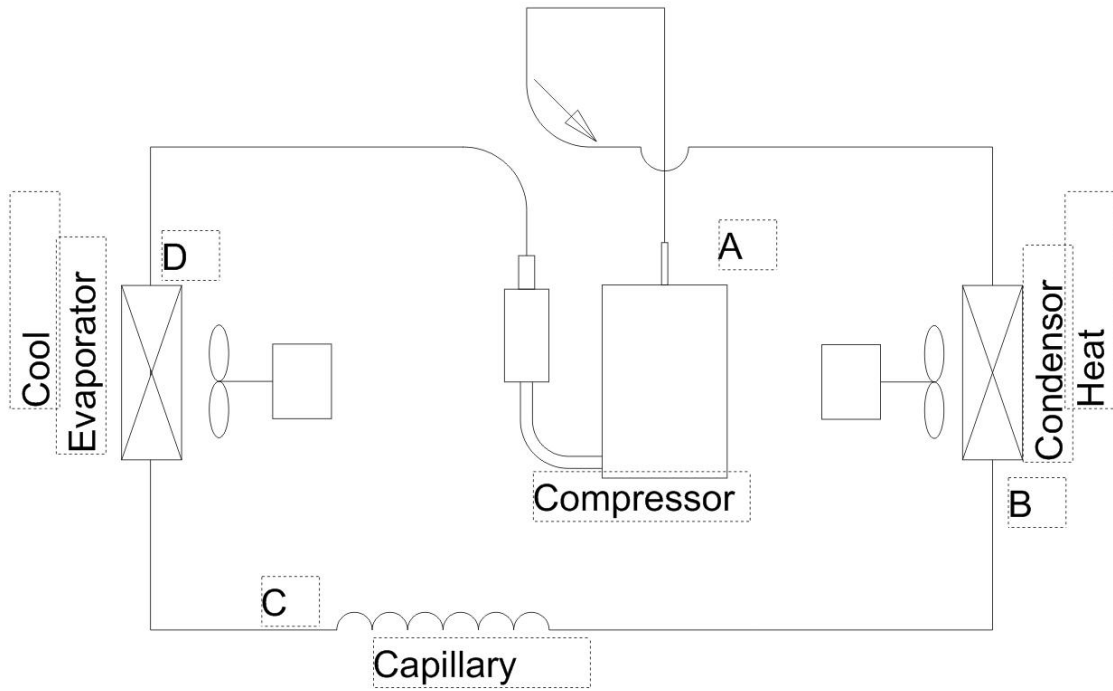
How to order spare parts

To have your order filled promptly and correctly, please furnish the following information:

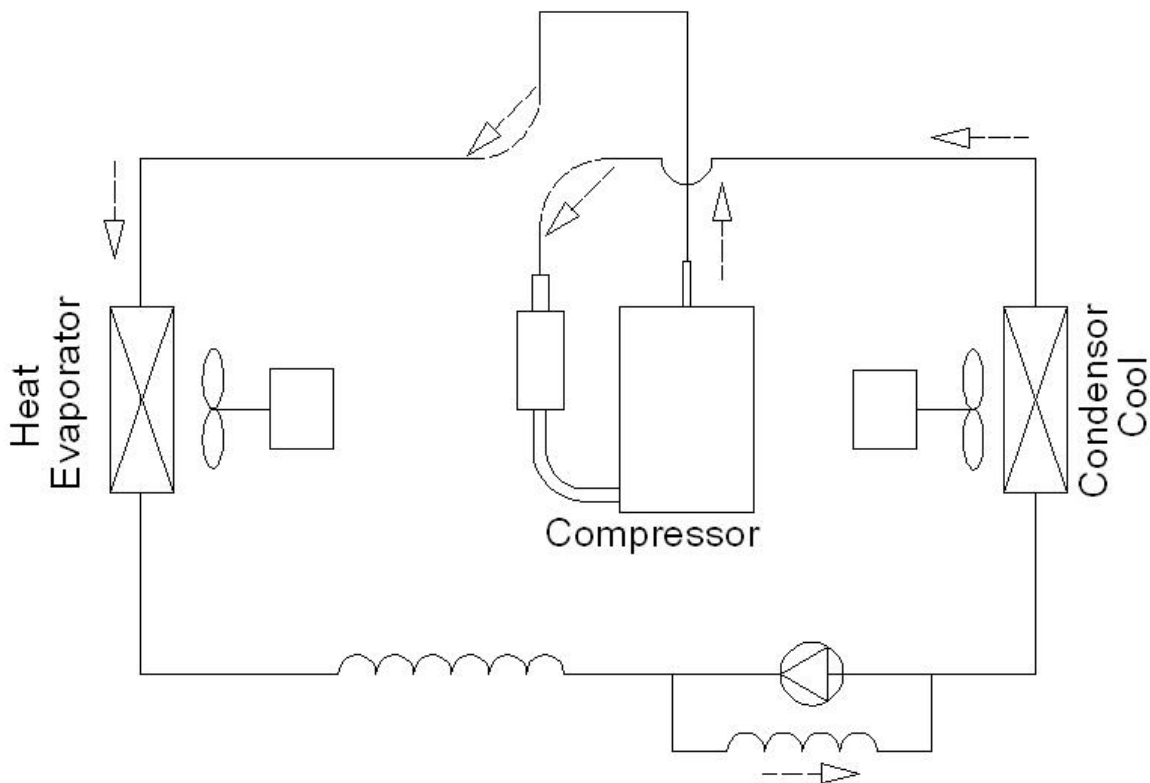
- Model No. with Indoor or Outdoor
- Part No. in the Explosion View
- Part Name
- The quantity you ordered

2. REFRIGERATION CYCLE DIAGRAM

Cooling only



Heat Pump



3. TECHNICAL SPECIFICATIONS

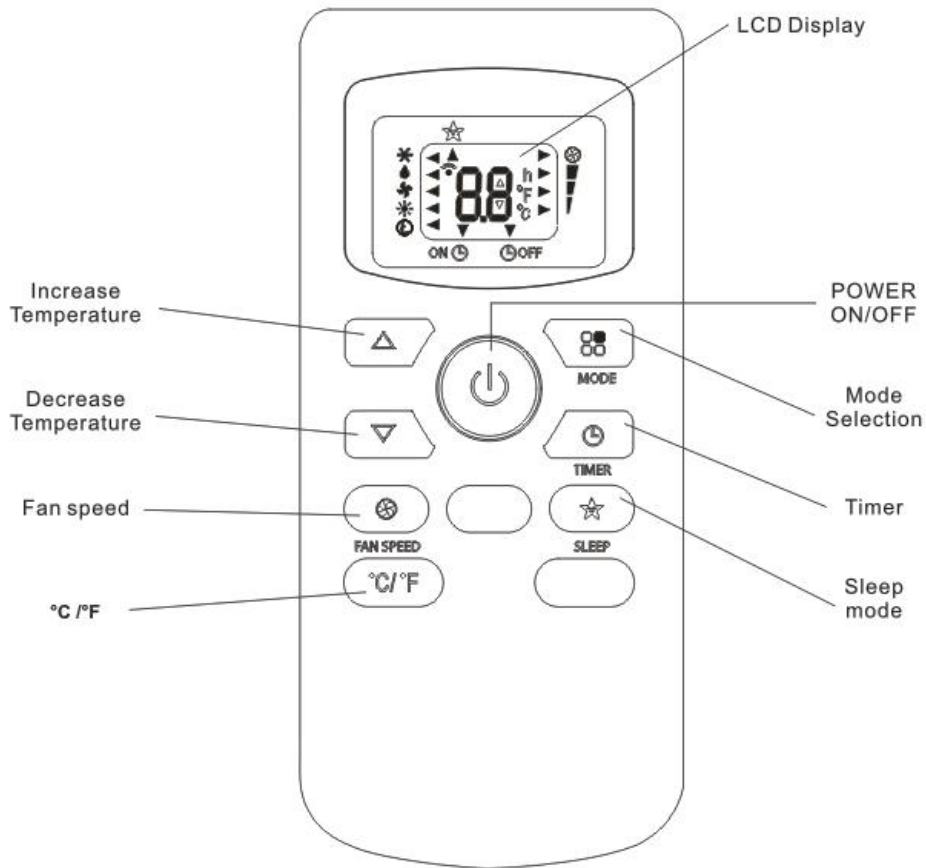
- The cooling capacity is measured at an ambient temperature of DB 95°F, WB 83 °F.
- Noise level is measured at a distance of 3.28 ft away from the front of the unit, when the unit is in cooling mode.
- Power consumption is measured when the fan runs at the highest speed setting.
- These specifications are for reference only. For actual data, please refer to the rating label on the back of the unit.
- If the environment temperature is higher than the max operating temperature or lower than the minimum operating temperature, the air conditioner may not work properly.

MODEL NUMBER	TAC-12CPA/KA	TAC-12CHPA/KA	TAC-14CPA/KA	TAC-14CHPA/KA
COOLING CAPACITY	12,000 BTU/Hr	12,000 BTU/Hr	14,000 BTU/Hr	14,000 BTU/Hr
DEHUMIDIFYING CAPACITY	65 pts per Day	65 pts per Day	75 pts per Day	75 pts per Day
COOLING POWER USAGE	1250 Watts, 11.2 Amps	1250 Watts, 11.2 Amps	1430 Watts, 12 Amps	1430 Watts, 12 Amps
AIR FLOW VOLUME	200 CFM	200 CFM	250 CFM	250 CFM
POWER SOURCE	115 V / 60 HZ	115 V / 60 HZ	115 V / 60 HZ	115 V / 60 HZ
SOUND PRESSURE LEVEL	53 dB(A)	53 dB(A)	54 dB(A)	54 dB(A)
PRODUCT WEIGHT	59 Lbs	61 Lbs	68 Lbs	70 Lbs
OPERATING TEMPERATURE	70°F-95°F	70°F-95°F	70°F-95°F	70°F-95°F
PRODUCT DIMENSIONS	17.7" W X 28.1" H X13.0" D	17.7" W X 28.1" H X13.0" D	17.7" W X 28.1" H X13.0" D	17.7" W X 28.1" H X13.0" D
REFRIGERANT	R-410A	R-410A	R-410A	R-410A

4. OPERATION DETAILS

Remote controller

The remote controller transmits signals to the system.

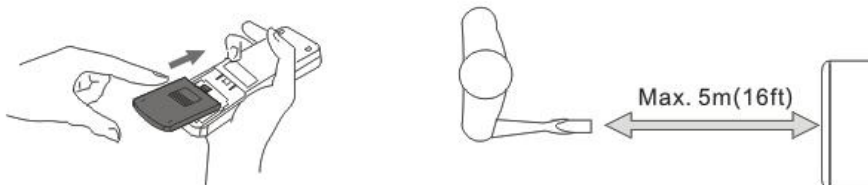


INSERTING OR REPLACING THE BATTERIES

Remove the cover on the rear of the remote control;
 Replace the old batteries with two new R03 "AAA" 1.5V batteries, inserting them correctly (see the instructions inside the battery compartment);
 Replace the cover.

Point the remote control at the control panel on the unit. The remote control must be no more than 5 meters(16ft) away from the unit (without obstacles between the remote control and the unit).

The remote control must be handled with extreme care. Do not drop it or expose it to direct sunlight or sources of heat.



If the remote control unit is replaced or discarded, the batteries must be removed and disposed of in accordance with current legislation as they are harmful to the environment. Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries. Do not dispose of batteries in fire. Batteries may explode or leak. If the remote control is not be used for a certain length of time, remove the batteries.

HOW TO USE

USING THE REMOTE CONTROL

TURNING THE UNIT ON

Plug into the outlet. Press the ON/OFF button (when turned on, the unit starts operating in the same mode as when it was turned off).




To switch the unit off, press ON/OFF button again, then remove the plug.



Do NOT switch the unit off by removing the plug.

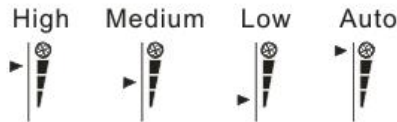
Always switch it off by pushing on the ON/OFF button and waiting few minutes before removing the plug. Only in this way the unit will perform the standard checkings.

Cool mode

Press the ON/OFF button to manually turn the unit on.

Press the MODE button "  " until the left side control LCD screen display an arrow "  " light up next "  ".

Press the Fan Speed button "  " to choose the fan speed you want then "  " indicator will light. You can choose the High, Medium, Low, and Auto.




Press the "  " and "  " button to choose the temperature you want.

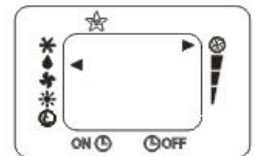


Dry mode

Press the ON/OFF button to manually turn the unit on.




Press the MODE button "  " until the arrow "  " light up next "  ".

At the same time, the "  " indicator is light next Auto speed, other speeds cannot be selected.



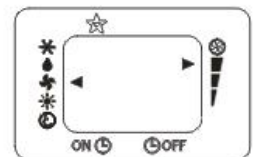
Fan mode

Press the ON/OFF button to manually turn the unit on.

Press the MODE button "  " until the arrow "  " light up next "  ".




In this mode, you can selected fan speed High, Medium, Low by press the Fan speed button. The AUTO speed cannot be selected.



In this mode the air exhaust hose does not need to be connected.



Heat mode (Only for Heating & Cooling model)

Press the ON/OFF button to manually turn the unit on.

Press the MODE button "  " until the left side control LCD screen display an arrow "  " light up next "  ".

Press the Fan speed button "  " to choose the fan speed you want then "  " indicator will light. You can choose the High, Medium, Low, and Auto.


Press the "  " and "  " button to choose the temperature you want.



Auto mode

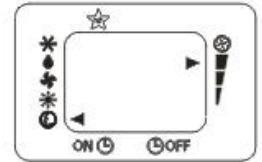
Press the ON/OFF button to manually turn the unit on.

Press the MODE button “” until the left side control LCD screen display an arrow “” light up next “”.

Press the Fan speed button to choose the fan speed you want then “” indicator will light. You can choose the High, Medium, Low, and Auto.

If the unit is cooling only model, the unit operates in Fan mode when the room temperature is below 23°C (73°F), and Cool mode when the room temperature is above 23°C (73°F).

If the unit is cooling and heating model, the unit operates in Heat mode when the room temperature is below 20°C (68°F), and Fan mode when the room temperature is from 20°C (68°F) to 23°C (73°F), and Cool mode when the room temperature is above 23°C (73°F).



Display on the control panel:






It is AUTO mode when the display will be running circulating.

Sleep mode

Press the ON/OFF button to manually turn the unit on.

Make sure the unit is in Cool mode, or Auto mode, or Heat mode, or Dry mode.

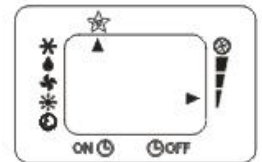
Press the Sleep button “”, then an arrow “” light up under “”. When in Sleep mode, the fan will run on low to keep fan noise at a minimum.

In Cool mode, the temperature setting will gradually increase to 1°C above the original set temperature for each of first 2 hours. Then the unit will keep operating the same temperature for 6 hours and switch to standby mode.

In Heat mode, the temperature setting will gradually decrease to 1°C below the original set temperature for each of first 3 hours. Then the unit will keep operating the same temperature for 5 hours and switch to standby mode.

In Auto mode and Dry mode, the temperature setting automatically, and the fan speed is low.

In Fan mode cannot set Sleep mode.



Timer mode

How to program the delayed start up

Plug the unit into the outlet and turn the unit to standby.

Press the Timer button "⏸", the arrow "▼" flash above "ON ⏸".

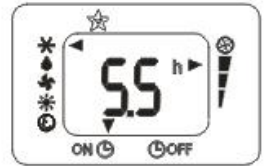
Now make all the desired settings for when the unit will switch on (operating mode, fan speed and temperature). Confirm the settings by pressing the timer button "⏸". The time is displayed and the "h" symbol flashes.

Set the time when you want the unit to switch off using the buttons "▲" or "▼" (from 30 minutes to 24 hours). During the first ten hours, you can select half hour intervals. For times greater than ten hours, one hour intervals can be selected.

Press the Timer button "⏸" again to confirm the start-up time. A beep sounds a countdown of the time left on remote control display.

At the end of the set time the unit start up automatically, with the settings made previously.

To cancel the timer programming, press the timer button "⏸" again. The unit emits a beep and display reset to stand-by.



Timer mode

How to program the delayed shutdown

With the unit on, in every mode, it is possible to set the delayed shutdown.

Press the Timer button, the arrow "▼" will show above "⏸ OFF" indicator and "h" flash.

Press "▲" or "▼" to set the number of hours delay before the unit turns off.

Press Timer button again to conform the shutdown time. A beep sounds a countdown of the time left on remote control display.

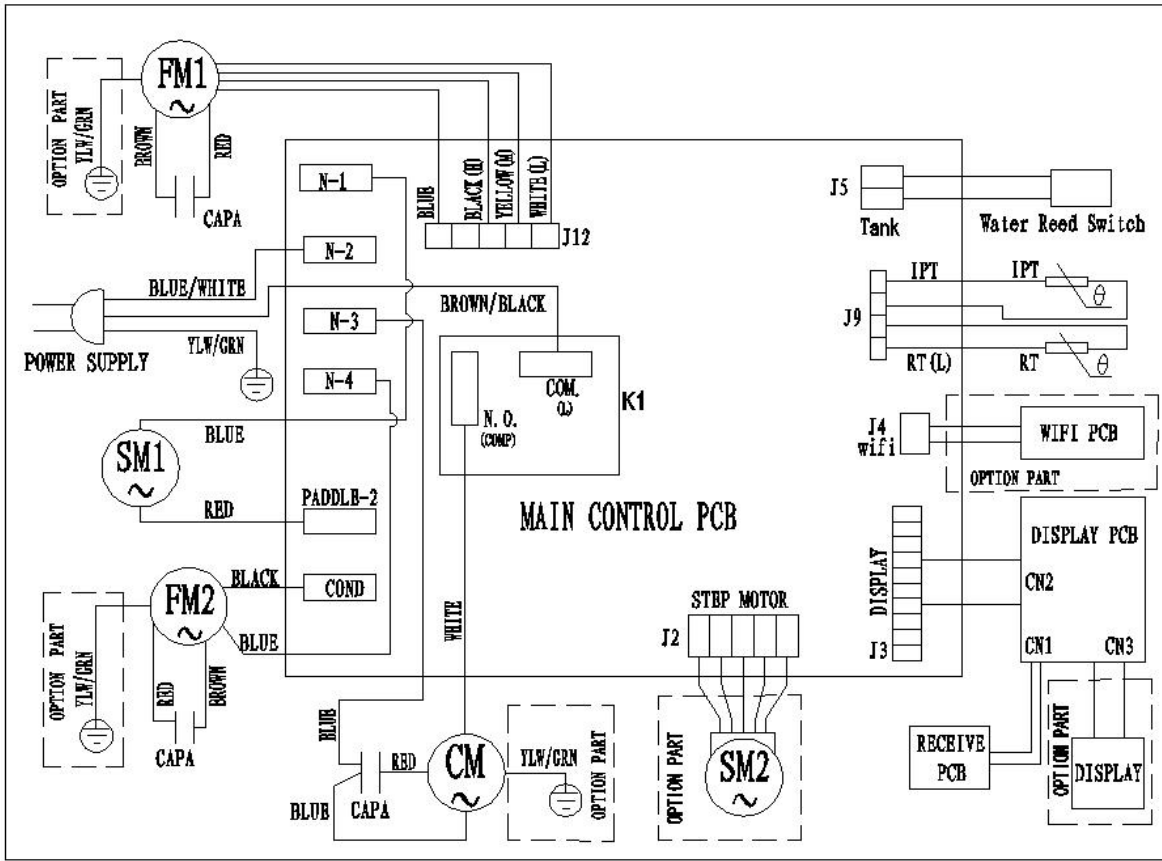
At the end of the set time the unit shutdown automatically.

To cancel the timer programming, press the Timer button again. The timer indicator switches off.

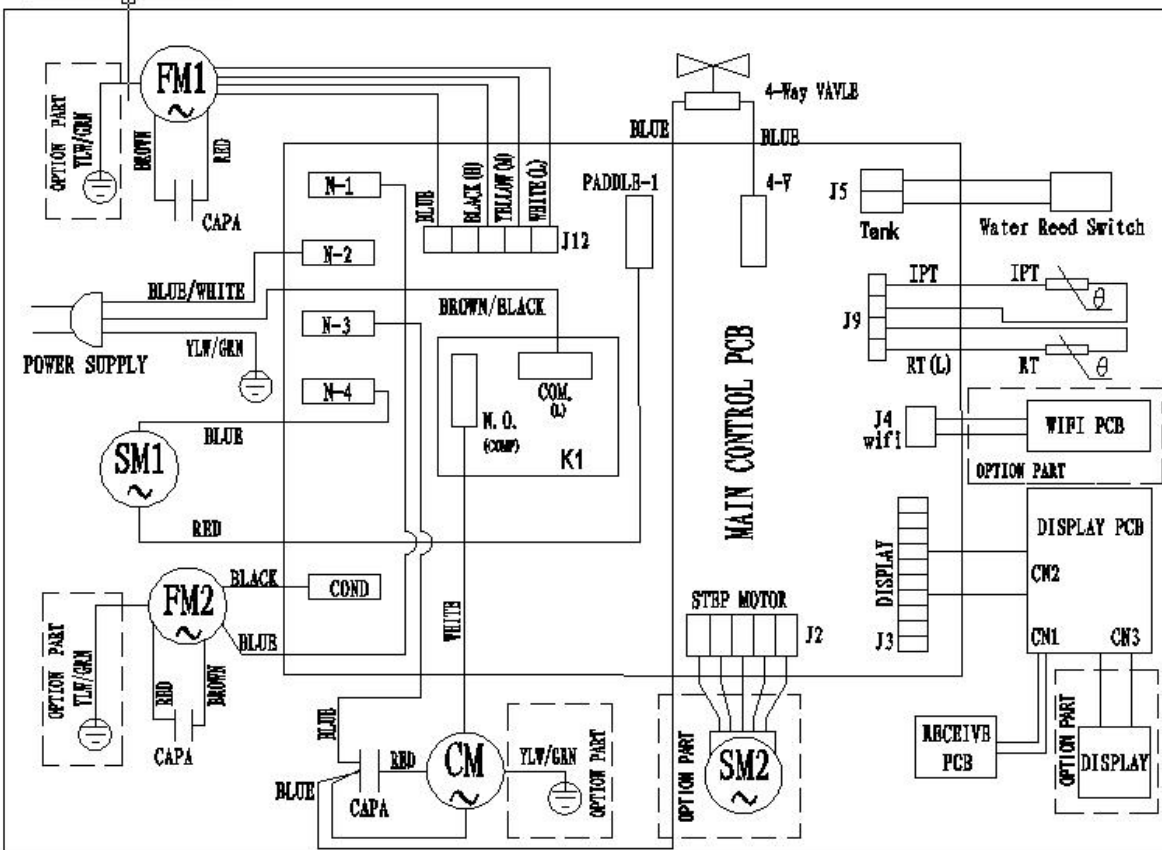


5. WIRING DIAGRAM

MODEL: TAC-12CPA/KA , TAC-14CPA/KA



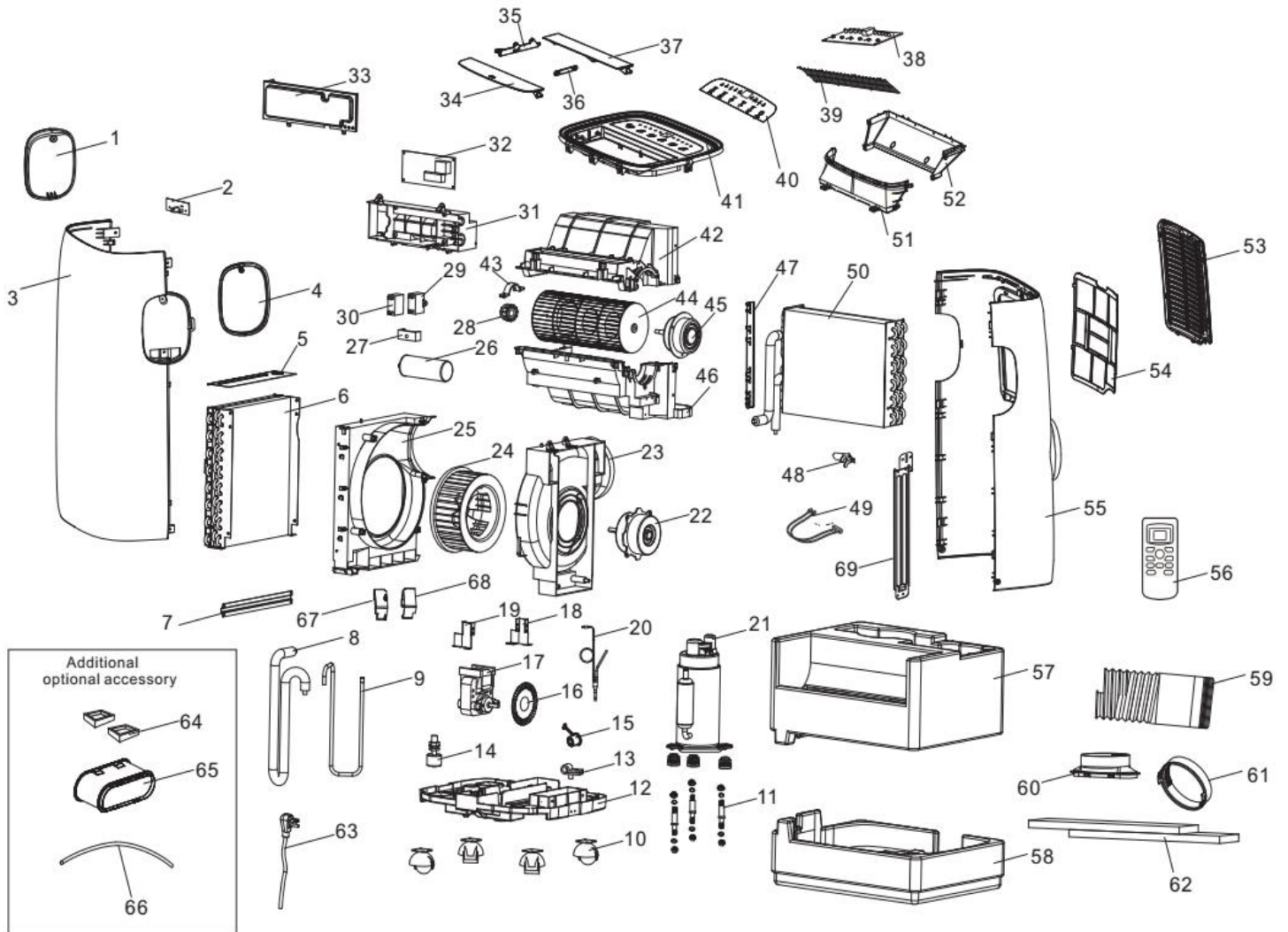
MODEL: TAC-12CHPA/KA , TAC-14CHPA/KA



6. EXPLOSION VIEW AND PARTS

EXPLOSION VIEW

MODEL: TAC-12CPA/KA , TAC-12CHPA/KA , TAC-14CPA/KA, TAC-14CHPA/KA



PART LIST

No.	Chinese Name	English Name	No.	Chinese Name	English Name
1	提手L	Left handle	36	导风叶连杆	Deflector link
2	接收电路板	Receiver board	37	水平导风叶2	Horizon deflector 2
3	前面板	Front panel	38	显示电路板	Display board
4	提手R	Right handle	39	保护网	Protect net
5	冷凝器顶盖板	Condensor top bar	40	控制面膜	Panel sticker
6	冷凝器部件	Condenser	41	顶盖	Top panel
7	钣金支撑条	Condensor protector	42	贯流风道上	Upper Duct
8	回气管组件	Suction pipe	43	风扇固定卡	Fixer of fan motor
9	排气管	Discharge pipe	44	贯流风扇	Fan of evaporator
10	滑轮组件	Castor	45	蒸发器风扇电机	Fan Motor of evaporator
11	压缩机固定螺栓	Bolt for compressor	46	贯流风道下	Under Duct
11	大平垫圈	Gasket	47	挡水板	lead of water
11	六角螺母	Nut	48	感温支架	Sensor fixer
11	弹簧垫圈	Gasket	49	热敏电阻	Sensor resistance
11	法兰面螺母	Nut	50	蒸发器部件	Evaporator
12	底盘	Base	51	出风框1	Air outlet part 1
13	线夹	Clap	52	出风框2	Air outlet part 2
14	磁簧开关	Float switch	53	蒸发器格栅	Grill of evaporator
15	水塞	Stopper	54	蒸发器滤网	Filter
16	打水轮	Splash disk	55	后面板	Back panel
17	罩级电机	Splash motor	56	遥控器	Remote controller
18	罩极电机支架左	left bracket for splash motor	57	上泡沫垫	Upper foam
19	罩极电机支架右	Right bracket for splash motor	58	下泡沫垫	Bottom foam
20	毛细管组件	Capillary	59	排风管	Hose pipe
21	压缩机	Compressor	60	风管出口	Hose outlet
22	冷凝器风扇电机	Fan Motor of condenser	61	风管接头	Hose inlet
23	冷凝器风道后部	Rear duct of condenser	62	窗架组件	Window slider
24	离心风扇	Centrifugal fan	62	无孔外窗架	No-hole window slider
25	冷凝器风道前部	Front duct of condenser	63	电源线	Power cord
26	压机运行电容	Capacitor of compressor	64	滑轮锁定板	Stop-wheel
27	电容固定卡	Capacitor clamp	65	窗架接头	Window adapter
28	贯流风扇转子	Axis of fan	66	排水管	Drainage pipe
29	风扇电容8uF	Capacitor of fan motor 8uF	67	打水电机右护罩	Splash moter right cover
30	风扇电容6uF	Capacitor of fan motor 6uF	68	打水电机左护罩	Splash motor left cover
31	电器盒	Electrical box	69	箱体支撑架	Box Support
32	控制电路板	Control circuit board			
33	电气盒盖	Electrical box cover			
34	水平导风叶1	Horizon deflector 1			
35	导风叶支架	Support of deflector			

7. Precaution

READ ALL INSTRUCTIONS BEFORE USE

Your safety and the safety of others is very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can hurt you and others.

All safety messages will follow the safety alert symbol and either the word "WARNING" or "CAUTION".

These words mean:

	WARNING This symbol indicates the possibility of death or serious injury.
	CAUTION This symbol indicates the possibility of injury or damage to property.

BASIC SAFETY PRECAUTIONS



WARNING To reduce the risk of fire, electric shock, or injury

to persons when using this appliance, follow basic precautions, including the following:

- Do not attempt to repair or replace any part of your air conditioner unless it is specifically recommended in this manual. All other services should be referred to a qualified technician.
- If the power cord becomes worn or damaged, the cord should only be replaced by a qualified service technician using genuine replacement parts.
- The air conditioner should be plugged into its own grounded circuit.
- Do not plug other appliances into the same outlet; it can overload the circuit and cause a fire or electric shock.
- Do not remove the round grounding prong from the plug. It can result in the risk of electric shock.
- Young children should be supervised to ensure that they do not play with or climb on the air conditioner.
- Be sure all packaging materials are removed from the air conditioner before use.
- Do not disassemble or modify the air conditioner or the power cord. It can result in the risk of electric shock or fire.
- Do not place the power cord or air conditioner near a heater, radiator, or other heat source. It can result in the risk of electric shock or fire.
- Do not use this or any appliance near flammable gases or liquids or other combustibles, such as gasoline, benzene, thinner, etc. It can result in the risk of electric shock or fire.
- Make sure the power cord is plugged firmly and completely into the outlet. It can result in the risk of electric shock or fire.

READ ALL INSTRUCTIONS BEFORE USE

- Do not start or stop operation by plugging in or unplugging the power cord. It can result in the risk of electric shock.
- If the air conditioner is making unusual sounds or is emitting smoke or an unusual odor, unplug it immediately.
- Do not use if the electrical socket is loose or damaged. It can result in the risk of electric shock or fire.
- Do not operate with wet hands or in a damp environment.
- Do not use this or any electrical appliance if you smell gas. It can result in the risk of fire or explosion.
- Turn off and unplug the air conditioner before cleaning to avoid the risk of electric shock.
- Do not clean the unit with water. Water can enter the unit and damage the insulation, creating a shock hazard. If water enters the unit, unplug it immediately and contact Customer Service. It can result in the risk of electric shock.
- Utilize two or more people to lift and install the unit.

BASIC SAFETY PRECAUTIONS



CAUTION To reduce the risk of fire, electric shock, or injury to persons when using this appliance, follow basic precautions, including the following:

- To avoid possible cuts, avoid contacting the metal parts of the air conditioner when removing or re-installing the filter. It can result in the risk of personal injury.
- Do not block the air inlet or outlet of the air conditioner. Reduced air flow will result in poor performance and could damage the unit.
- Always grasp the plug when plugging in or unplugging the air conditioner. Never unplug by pulling on the cord. It can result in the risk of electrical shock and damage.
- Always turn off and unplug the air conditioner when it will not be used for extended period of time. This conserves energy and reduces the chance of accidents.
- Secure the wheels with wheel locks to prevent the air conditioner from rolling on smooth floors.
- Install the air conditioner on a sturdy, level floor capable of supporting up to 50 kg (110 lbs). Installation on a weak or unlevel floor can result in the risk of property damage and personal injury.
- Make sure the air conditioner is the correct size for the area you wish to cool.
- Close all doors and windows to the room for most efficient operation.
- To prevent damage to the surface finish, use only a soft cloth to clean the air conditioner. Do not use wax, thinner, or a strong detergent.

READ ALL INSTRUCTIONS BEFORE USE

- Do not position the air conditioner so that pets or house plants are exposed to the direct air flow.
- This air conditioner is designed for normal household use.
- Do not drink the water from the drain pan. Dispose of it properly outdoors or down the drain.
- Do not operate air conditioner without the filter securely in place. Operation without the filter could damage the unit.
- Clean the filter every two weeks, with warm water.

ELECTRICAL SAFETY



WARNING

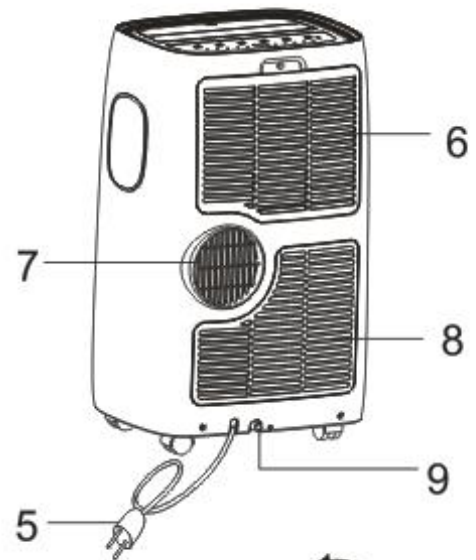
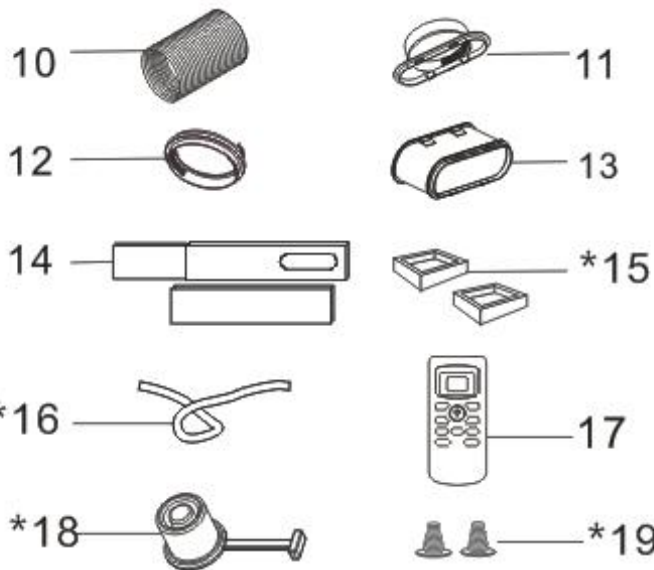
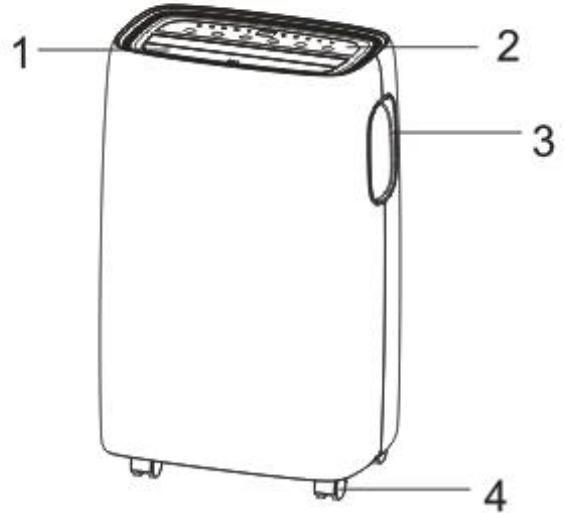
Electrical Shock Hazard

- Failure to follow these instructions can result in death, fire, or electrical shock.
- This unit must be properly grounded.
- Do not, under any circumstances, cut or remove the ground prong.
- If you do not have a properly grounded outlet, or if there is any doubt that the outlet is not properly grounded, a qualified electrician should check the outlet and circuit, and, if necessary, install a properly grounded outlet.
- This air conditioner must be plugged into a grounded circuit.
- This air conditioner must be installed in accordance with national wiring codes.
- Do not use an extension cord.

8. Names of parts

KEY PARTS AND COMPONENTS

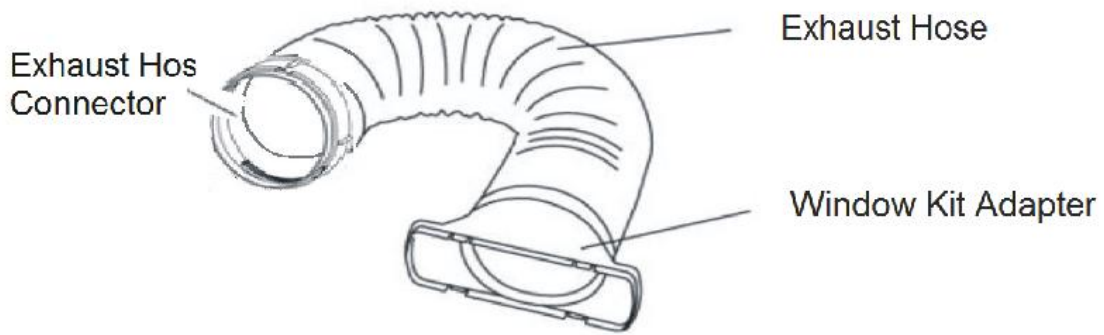
1. Air Outlet Grill
2. Control Panel
3. Carrying Handle
4. Casters/wheels
5. Power cord
6. Air Filter
7. Air Exhaust
8. Air Intake Grill
9. Condensation Drain hole
10. Exhaust Hose
11. Window Kit Adapter
12. Exhaust hose connector
13. Window Kit Adapter Extension
14. Window Kit
- * 15. Caster Locks
- * 16. Drainage Hose
17. Remote Controller
- * 18. Rubber plug
- * 19. Screws
20. Product manual(Not shown)



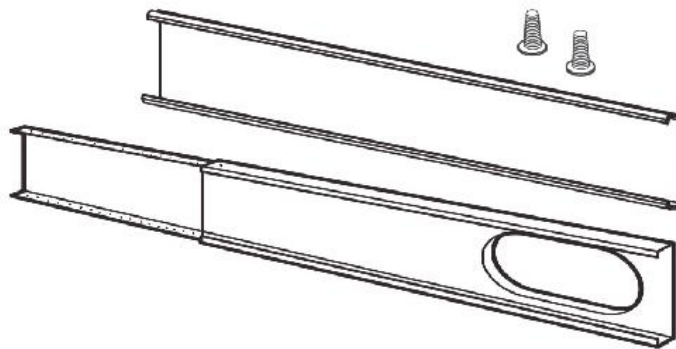
Note: Those mark with "*" are selected items.

Open the louver before use the unit.

EXHAUST HOSE



WINDOW KIT



9. Installation manual

PREPARING FOR INSTALLATION

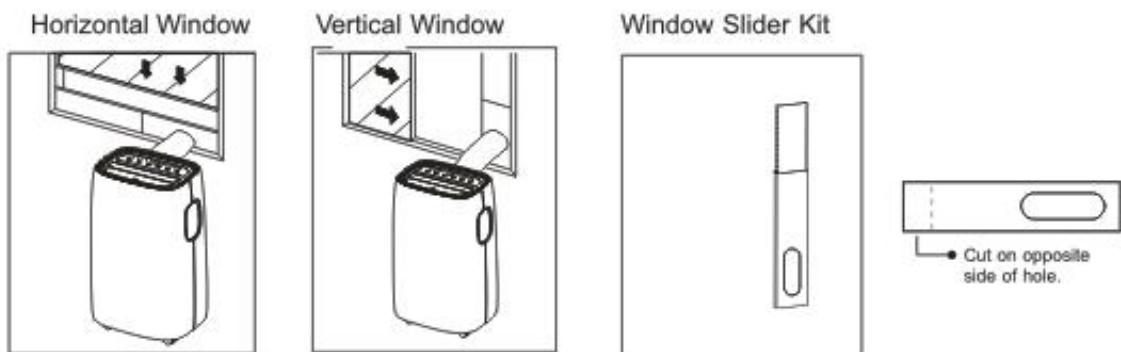
⚠ WARNING The air conditioner is heavy! Use two or more people to lift and install the unit!

WINDOW SLIDER KIT INSTALLATION

Your window slider kit has been designed to fit most standard "Vertical" and "Horizontal" window applications; however, it may be necessary for you to improvise/modify some aspect of the installation procedures for certain types of window. Minimum and maximum window openings:

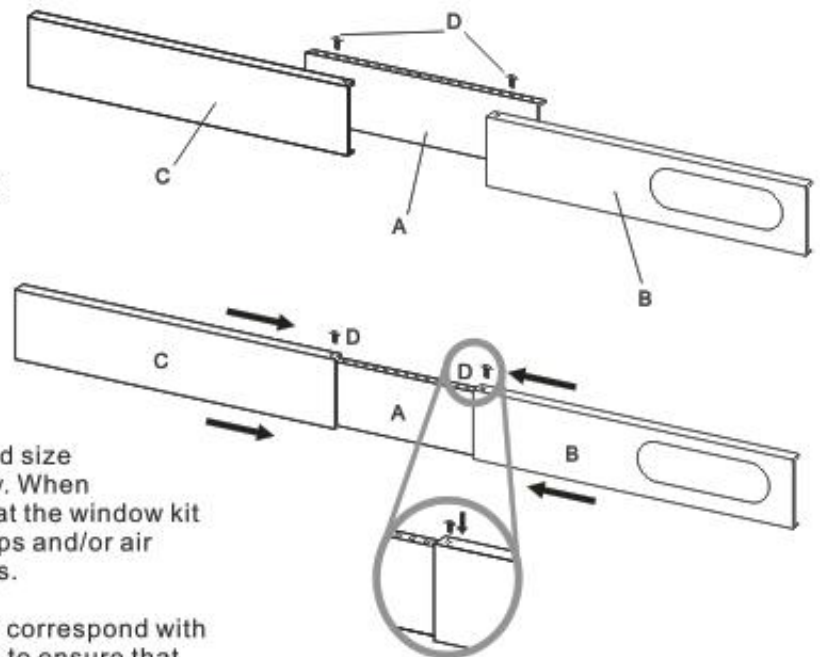
MAXIMUM : 1.5m

NOTE: If the window opening is less than 0.5m the minimum length of the window slider kit, cut the one with a hole in it short to fit for the window opening. Never cut out the hole in window slider kit.



1. Parts:

- A) Panel
- B) Panel with one hole
- C) Panel without hole
- D) Screw to lock window kit in place



2: Assembly:

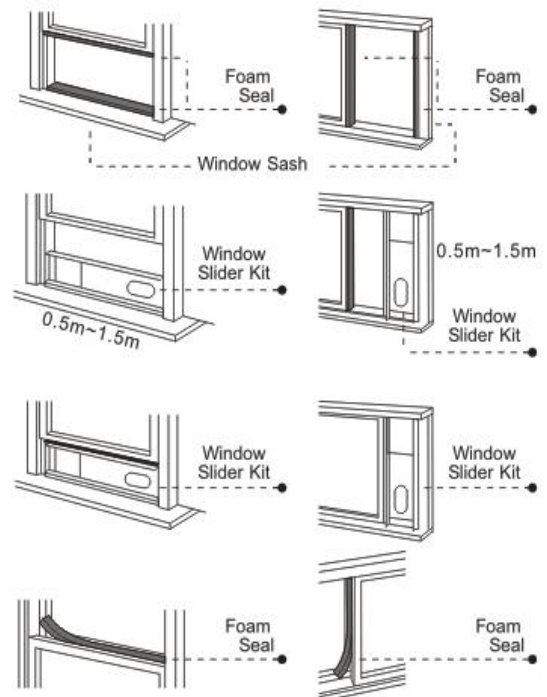
Slide Panel B and C into Panel A and size to window width. Windows sizes vary. When sizing the window width, be sure that the window kit assembly is free from gaps from gaps and/or air pockets when taking measurements.

3. Lock the screw into the holes that correspond with the width that your window requires to ensure that there are no gaps or air pockets in the window kit assembly after installation.

PREPARING FOR INSTALLATION

DOUBLE-HUNG/SASH/SLIDING CASEMENT WINDOW INSTALLATION

1. Cut the foam seal (adhesive type) to the proper length and attach it to the window sash.
2. Attach the window slider kit to the window sash. Adjust the length of the window slider kit according to the window slider kit according to adjustable window kit if the width of window is less than 0.5m.
3. Cut the foam seal (adhesive type) to the proper length and attach it on the top of the window.
4. Close the window securely against the window slider kit.
5. Secure the window slider kit to the window sash.
6. Cut the foam seal to an appropriate length and seal the open gap between the top window frame and outer window frame.



SET UP & USE

EXHAUST HOSE INSTALLATION

The air exhaust hose and hose inlet must be installed or removed from the portable air conditioner in accordance with the way it is being used:

COOL, AUTO, DRY: Air exhaust hose and hose inlet should be connected to the portable air conditioner.

FAN: Air exhaust hose and hose inlet should be disconnected from the portable air conditioner.

To install:

1. Connect hose inlet to one end of air exhaust hose. Push hose inlet over the end of the hose, push in slightly and then start threading it on in a counter clockwise direction. (see Fig 1)
2. Connect hose outlet to other end of air exhaust hose. Push hose outlet over the end of the hose, push in slightly and then start threading it on in a counter clockwise direction. (see Fig 2)
3. Align window bracket/air intake hose connector with hose outlet and push in until it locks into place. You will hear a clicking sound when it does. (see Fig 3)
4. Place the hose inlet against the air outlet opening hook on the back of the portable air conditioner and firmly push and rotate counter clockwise to lock it into place. (see Fig 4)
5. After connecting the hose inlet to the unit, insert the window bracket/air intake hose connector into the opening of the window bracket. Align connector with the opening on the inside (side with the channels) of the window bracket and push in until it locks into place. You will hear a clicking sound when it does. (see Fig 5).

SET UP & USE

Fig. 1

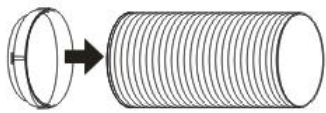


Fig. 2

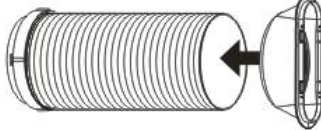


Fig. 3

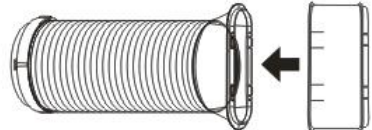


Fig. 4

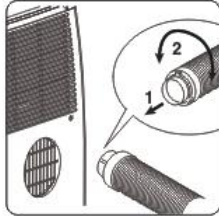
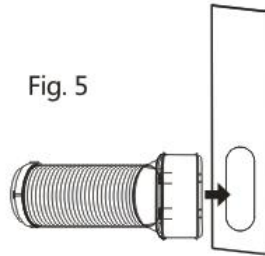
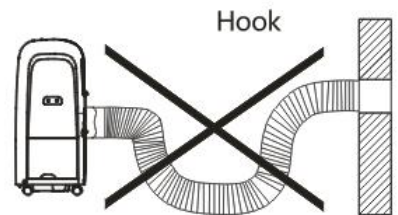


Fig. 5



NOTE:

The exhaust hose can be compressed or extended moderately, but it is desirable to keep the length to a minimum. Also make sure that the hose does not have any sharp bends.



Page 11

INTERMITTENT DRAINAGE (FIG. 10 AND FIG. 11)

Turn the air conditioner off then drain the water tank by unplugging the drain cap and allowing the water to flow into a receptacle pan. Your pan may not hold the full contents of the water tank. A number of fills of your pan may be required.

To insure all water has been removed tilt the unit by lifting it slightly upwards from the front until no more water drains from the outlet.

Restart the air conditioner by pressing the power button. Ensure that the unit is in COOL or DRY mode. The compressor will start approximately 3 minutes after the unit is switched on.

Figure 10

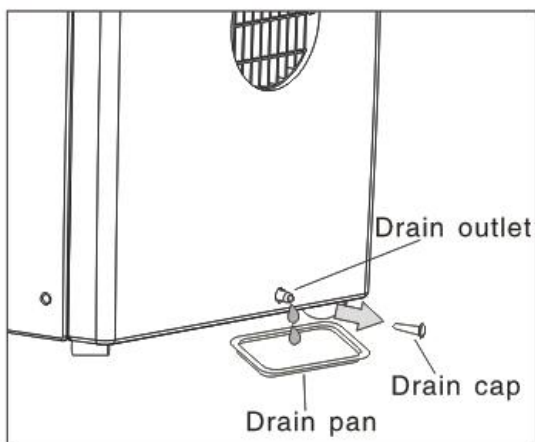
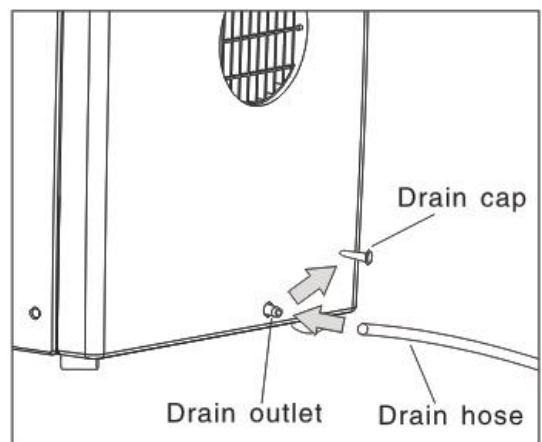


Figure 11



10. CARE AND CLEANING

CLEANING

Before cleaning or maintenance, turn the appliance off by pressing the POWER ON/OFF button on the control panel or ON/OFF button on the remote control. Wait for a few minutes then unplug from the electrical outlet.

CLEANING THE UNIT

You should clean the appliance with a slightly damp cloth then dry with a dry cloth.

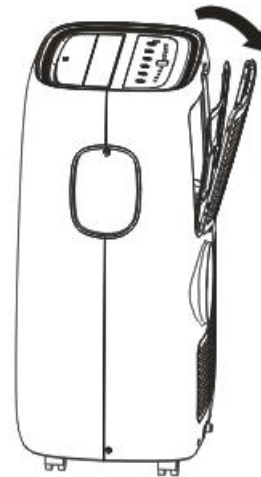
Never wash the air conditioner with water. It could be dangerous.

Never use petrol, alcohol or solvents to clean the appliance.
Never spray insecticide liquids or similar.

CLEANING THE FILTERS

To keep your air conditioner working efficiently, you should clean the filters every week of operation.

The evaporator filter can be removed as shown the left Fig.



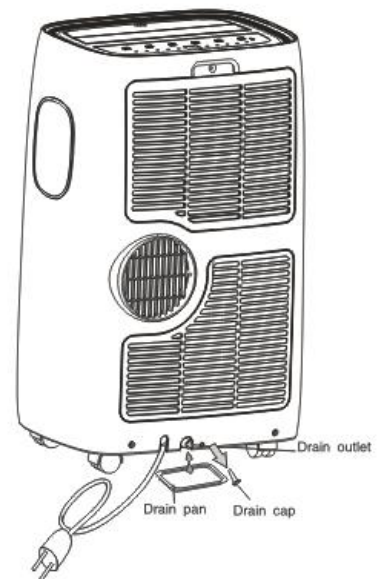
Use a vacuum cleaner to remove dust accumulations from the filters. If it is very dirty, immerse in warm water and rinse a number of times. The water should be lukewarm. After washing, leave the filters to dry then re-insert.

EMPTYING THE WATER COLLECTION TANK

Using the bottom drain port

When the internal water collection tank is full, *F_L* will appear in the display and the air conditioner will turn off until the tank is emptied.

1. Unplug the air conditioner, disconnect the exhaust hose from the back, and move the air conditioner to a suitable drain that will hold up to 1 liter of water.
2. Remove the drain cap and the rubber plug from the drain outlet.
3. Once the water collection tank is drained, reinstall the rubber plug and the drain cap, making sure it is on securely.
4. Place the air conditioner in the desired location, reconnect the exhaust hose, and plug in the air conditioner.
5. When need dehumidification in high humidity, or running in Heat mode, install a drain hose and place the open end of the hose a suitable drain location or outdoors.
6. Under the Cool or Fan mode, there's no need of water drainage.



NOTICE: “ *F_L* ” appears in the display

The water tank is full, drain the tank and reset.

START - END OF SEASON OPERATIONS

If the air conditioner will not be used for an extended period of time:

1. Drain the water collection tank completely and leave the bottom drain cap and rubber plug long enough to allow any residual water to drain out. Once the tank is completely drained and no more water flows out, reinstall the rubber plug and cap.
2. Remove and clean the filter, allow it to dry completely, then reinstall it.
3. Remove the batteries from the remote.
4. Store the air conditioner in a cool, dry location, away from direct sunlight, extreme temperatures, and excessive dust.

Before using the air conditioner again:

1. Make sure the filter and drain cap are in place.
2. Check the cord to make sure it is in good condition, with no cracks or damage.
3. Place new batteries in the remote.
4. Install the air conditioner as described in the Installation Instructions.


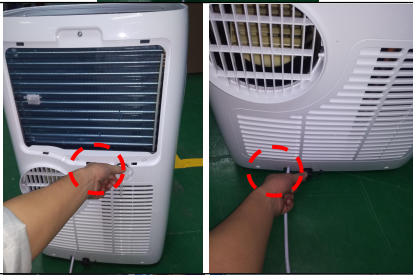




11. TROUBLE SHOOTING


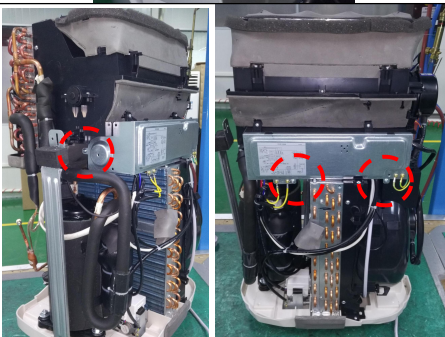
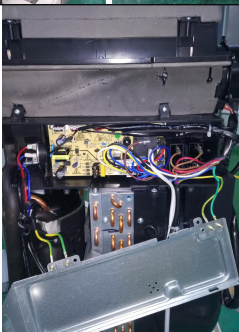
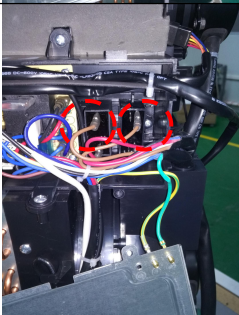
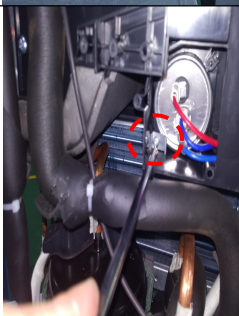

BEFORE CALLING FOR SERVICE




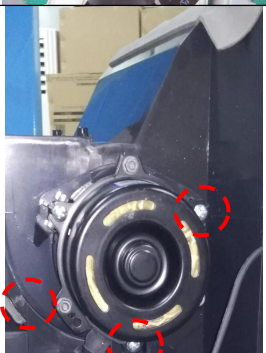
Before you call for service, review this list. It may save you time and expense.

Problem	Possible Causes	Solutions
Air conditioner will not start	<ul style="list-style-type: none"> The air conditioner plug is not completely inserted into the electrical outlet. The fuse is blown or the circuit breaker has tripped. Power failure. "F_L" appears in the display. Room temperature is less than the set temperature. 	<ul style="list-style-type: none"> Make sure electrical plug is plugged completely into alive, properly grounded outlet. Replace the fuse or reset the circuit breaker. Make sure that there are no other appliances on the same circuit. If a power failure occurs, turn the power OFF. When power is restored, wait 3 minutes before restarting the air conditioner. The water collection tank is full. Drain the tank and reset your settings. See the Care and Cleaning section. This is normal. The air conditioner automatically shuts off when the room equals or is less than (Cool mode) or is more than (Heat mode) the set temperature. Adjust the temperature setting, if needed.
Air conditioner does not cool properly	<ul style="list-style-type: none"> Airflow is restricted. The air filter is dirty. The room is very hot, or not enough time allowed for cooling. Cold air is escaping. Cooling coils have iced up. 	<ul style="list-style-type: none"> Make sure there is sufficient clearance around the air conditioner and that the air inlet and outlet are not blocked. Clean the air filter at least every two weeks. See the Care and Cleaning section. When first turned on, allow the air conditioner sufficient time to cool the room. Check for open furnace, floor registers, cold air returns, open windows or doors. In especially cool, humid weather and when the air conditioner is running frequently or for extended periods, ice can form on the cooling coils, blocking air flow. It is normal, please adjust the temperature higher and High fan speed.
Air conditioner runs too often or too long	<ul style="list-style-type: none"> Area to be cooled is too large for the air conditioner. Doors or windows are open. 	<ul style="list-style-type: none"> Consult your dealer for the air conditioner capacity necessary to cool the desired area. Make sure doors and windows are closed.

12. Disassembly Procedure

No.	Content	Picture
1	Remove grill of evaporator	
2	Remove cover of drainage hose & Rubber stopper	
3	Unscrew screws of handles and base (2 in left side & 2 in right side)	
4	Unscrew screws of inside handles (2 in left side & 2 in right side)	
5	Unscrew 5 screws of rear panel Then remove the rear panel	
6	Unscrew 2 screws of front panel (one in left side and one in right side)	

<p>7</p>	<p>Separate the connectors of the display PCB</p>	
<p>8</p>	<p>Unscrew 3 screws of electrical box cover</p>	
<p>9</p>	<p>Remove the electrical box cover</p>	
<p>10</p>	<p>Capacitor of condenser fan motor (left) Capacitor of evaporator fan motor (right)</p>	
<p>11</p>	<p>Unscrew 1 screw, then take out compressor capacitor</p>	
<p>12</p>	<p>Support bar</p>	

<p>13</p>	<p>Remove iron fence, then unscrew 2 screws</p>	
<p>14</p>	<p>Unscrew 3 screws to remove outlet duct</p>	
<p>15</p>	<p>Unscrew 2 screws</p>	
<p>16</p>	<p>Unscrew 4 screws</p>	
<p>17</p>	<p>Unscrew last 2 screws to remove air duct of evaporator</p>	
<p>18</p>	<p>Unscrew 3 screws to remove the fan motor of evaporator</p>	

<p>19</p>	<p>Unscrew 1 screw to remove Fan of evaporator</p>	
<p>20</p>	<p>Unscrew 4 screws to remove Condenser motor</p>	
<p>21</p>	<p>Unscrew 1 screw to remove the fan of condensor</p>	
<p>22</p>	<p>Unscrew 3 Hexagon nuts with flange to remove compressor</p>	
<p>23</p>	<p>Unscrew 2 screws to take out Splash motor</p>	



The Creative life



hao.tcl.com

www.tcl.com

www.tcl.com

hao.tcl.com

TCL Home Appliances (Hongkong) Co.,Ltd

H.K.Office:13/F.,TCL Tower,8 Tai Chung Road,Tsuen Wan,Hong Kong

Tel:+852 2437 7315 Fax:+852 2405 8440

TCL Air Conditioner (ZhongShan) Co.,Ltd.

Factory add: No. 59,Nantou Road West,Nantou,Zhongshan.Guangdong,P.R.China

Tel:+86 760 8782 1666 Fax:+86 760 8782 1725

Business Contact: omc@tcl.com/+86 760 2819 7721

Technical Service: ac_tech_service@tcl.com/+86 760 2819 7715

Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>