

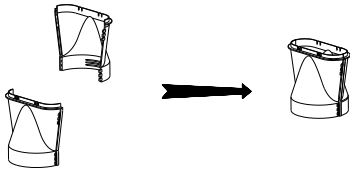
FUSION plus



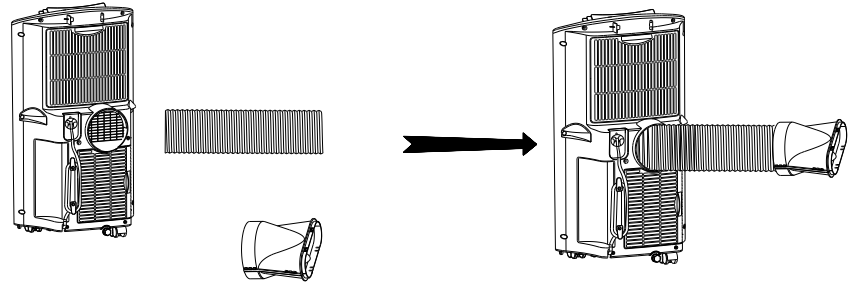
User manual

Construction

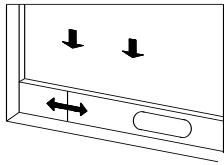
Pic. 1



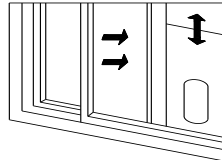
Pic. 2



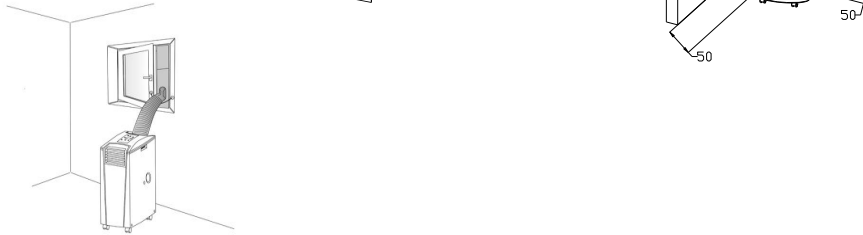
Pic.3



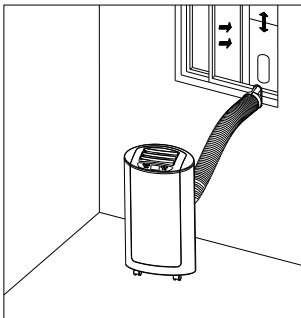
Pic.4



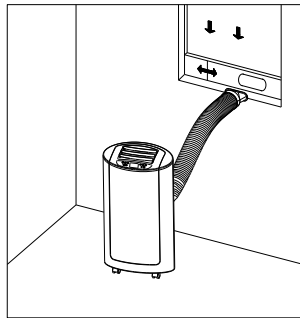
Pic.5



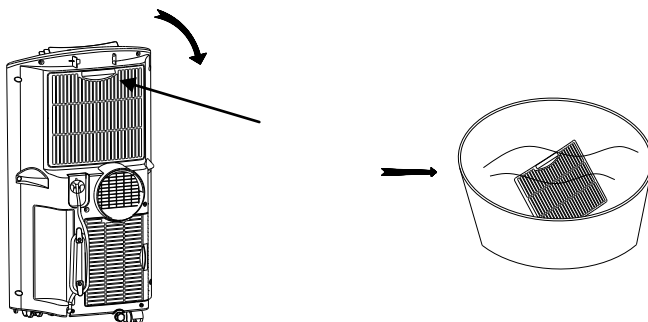
Pic.6



Pic.7



Pic.8



IMPORTANT!

Please don't install or use your Portable air conditioner until you have read through this user manual carefully. Please retain this information for any product warranty and as a reference work on.

Introduction

Congratulations on purchasing your SUNTEC WELLNESS KLIMATRONIC® FUSION PLUS unit.

Your air-conditioner has been developed and manufactured in accordance with standards of state of the art technology.

Please read the operating instructions carefully before connecting your FUSION PLUS unit to the power supply in order to prevent damage from improper use. Pay special attention to the safety instructions. If you pass this FUSION PLUS unit on to a third party, you must also include these operating instructions. Please keep these operating instructions in a safe place for any questions which may arise in future.

Thank you for showing confidence in our product. We hope you enjoy a pleasant room climate with your Suntec air-conditioner.

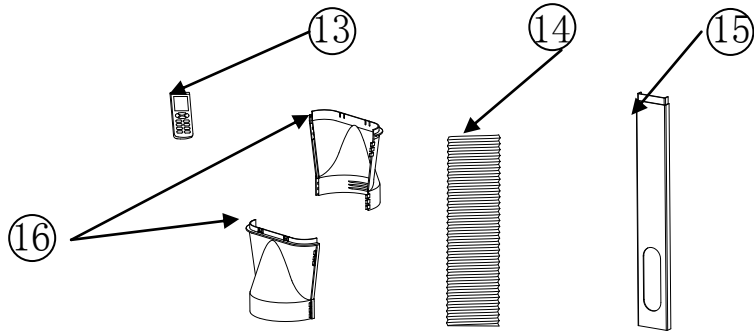
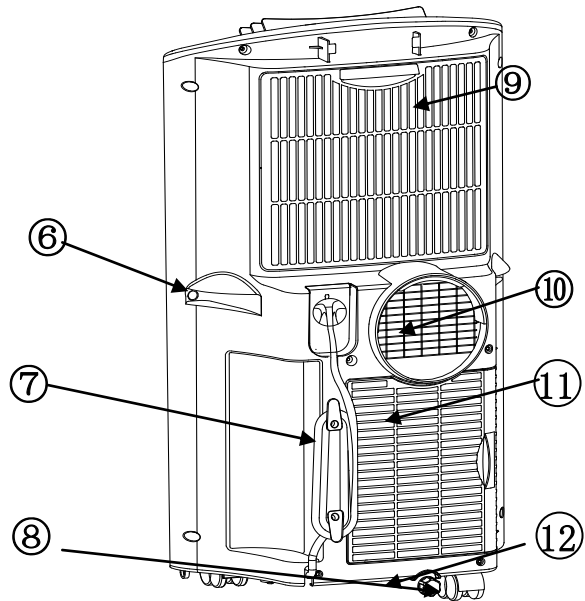
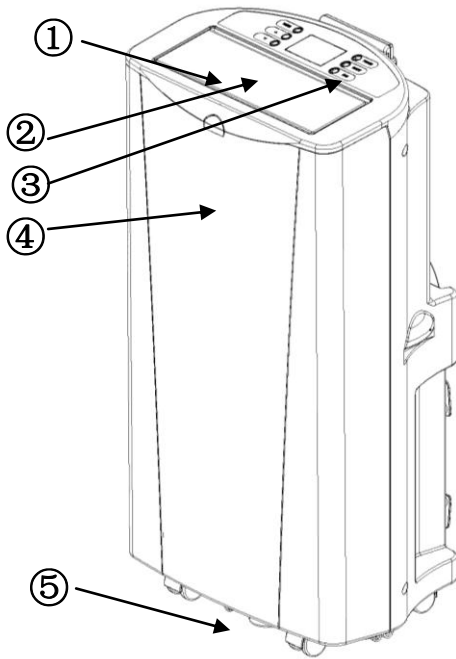
Important Safeguards

- This product should be by persons (including children) used with reduced physical, sensory or mental capabilities or lack of experience and lack of expertise, unless they are supervised by a person responsible for their safety, or the application of device were instructed.
- The appliance is for indoor use only.
- Read all instructions, rated power supply: please connect the unit with grounded power sources: 220-240VAC, 50HZ
- Disconnect the power plug before dismantling, assembling or before cleaning
- Avoid touching mobile parts of the appliance
- Never insert fingers, pencils or any other objects though the guard whenever the power plug is connected, especially while running
- Do not use the appliance for any other purpose than its intended use
- When the power cord is damaged, it must be replaced by the manufacturer or its service agent or a similar qualified person in order to avoid hazard
- Do not use your appliance with an extension cord unless it has been checked and tested by a qualified electrician or electrical supplier
- The air conditioner unit must always be stored and transported upright, otherwise you may cause irreparable damage to the compressor: in case of doubt we suggest to wait for at least 24 hours before you start air-conditioning unit
- Avoid restart the air conditioner unit unless 3 minutes have passed since being turned off, or the compressor may get damaged
- Never use the mains plug as a switch to start and turn off the air conditioner unit. Use the provided ON/OFF switch located on the control panel
- Always place the portable air conditioner on a dry stable place
- The appliance must be positioned so that the plug is accessible. And it shall be installed in accordance with national wiring regulations.
- Do not cover or restrict the airflow from the Outlet or Inlet grills.
- The minimum distance from furniture and wall should be 50 cm

Energy Saving Tips

- Keep the filters clean. Under normal conditions, the filter should be cleaned approximately every 30 days. Since the filters remove airborne particles, more frequent cleaning maybe necessary, depending on the indoor air quality.
- Set the fan speed switch to high cool and the thermostat to the coolest position for the initial start-up, then set the fan switch to Low cool and lower the thermostat to a comfortable setting.
- To achieve a better ambient temperature, we recommend you to use the cooling mode only when the ambient temperature is above 35 ° C. Therefore, it may be necessary, to start the device early in the morning on warm days with a cool room temperature below 35 ° C. The heating function is not recommended when the ambient temperature is below 7 ° C.

Part list



- | | |
|----------------------|-----------------------|
| 1. Top cover | 9. Up filter frame |
| 2. Air outlet grille | 10. Protective net |
| 3. Control panel | 11. Down filter frame |
| 4. Front cover | 12. Water plug |
| 5. Caster | 13. Remote control |
| 6. Handle | 14. Exhaust hose |
| 7. Power cord | 15. Window kits |
| 8. Drain port | 16. Hose adaptor |

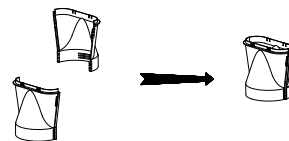
Installation

Warning: Before using this unit, please keep it upright at least 2 hours.

The unit can be moved easily among the rooms, but please note the following:

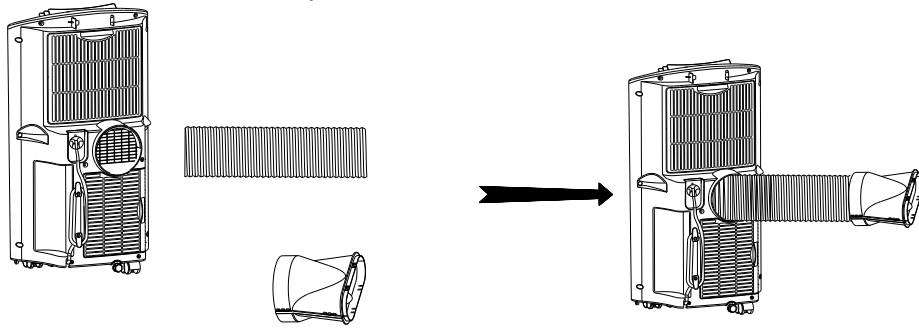
Assemble hose adaptor, Picture 1

- 1) Please take out the 2 parts and press it firmly together.
 - 2) Each hand hold one part, you can connect them easily.
- Remark: Don't push too hard to prevent damage.



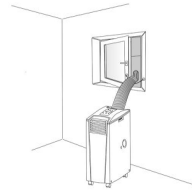
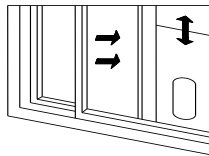
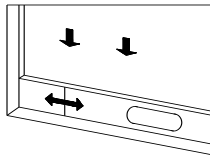
Assembly of the exhaust hose, Picture 2

- 1) Screw the exhaust hose counterclockwise to the rear of the unit.
- 2) Attach the exhaust hose taper at the end of the exhaust hose.



Installation of the window kits, Picture 3 and 4

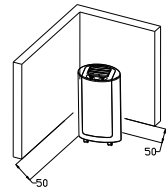
- 1.3. Partially open the window and then fix the window kits to the window.



To use the air conditioner efficiently, we recommend the use of the Air-hung windows block climate-Sails. This is for all types of windows and doors universal sail, which prevents the penetration of air from the outside when the air hose is led to the outside. As with a mosquito net, it is fixed with Velcro and operated by a zipper (see "Accessories").

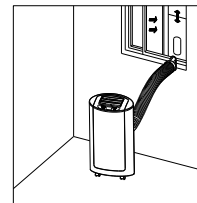
Positioning the air conditioner

- 1.4 Please make sure the unit is upright. The unit should be put on the flat floor and 50 cm to around objects because that can affect the performance of the unit strongly.



Attach the exhaust hose to the window kit

Fix the other end of the heat-exhausted hose to the air-outlet window kit

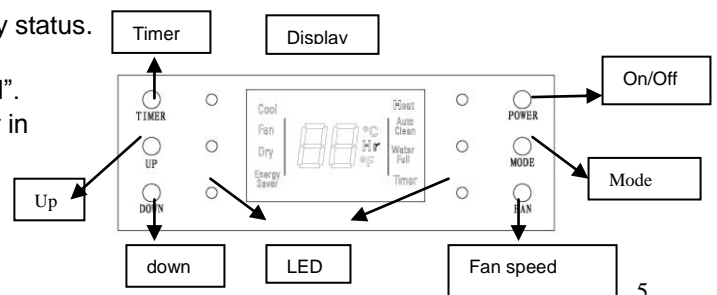


Control and setting

This portable air conditioner of cooling only model has three functions: cooling, dehumidifying and fan. If the machine you purchased is cool and heat model, it has four functions: cooling, heating, dehumidifying and fan. Fan has three speeds: high speed, middle speed and low speed. Setting temperature is 16--30°C, 24 hours timer, water-throwing function, sensor and water-level protective function.

Control panel

- 1.1 When plug in, follow the start music, unit is in standby status. Display shows the temperature (5 ~ 35°C). If ambient temperature is above 35°C, screen will show "H". If it is below 5 °C, it will indicate "L" and the unit will enter in standby status.



1.2 ON/OFF POWER button: When press this button, model will enter cooling mode (Setting temperature 22°C high speed fan. Press again, unit will shut off and play shut-off music.

1.3 Mode button MODE:

Press this key to choose Cooling, Heating (only for cool & heat model) Fan, or Dehumidifying Mode. Press the "Mode" button until the "Auto" icon (see Figure 4) is lit.

Press "Temp +" or "Temp -" to set the desired room temperature. (16 ° C - 31 ° C)

If the room temperature is equal to or above 18 ° C, the unit can be cool in the automatic mode. At lower temperatures the device to protect the compressor will automatically switch to the mode of ventilation. After setting the target temperature is displayed. The automatic function causes the fan strength is controlled automatically. These can be adjusted manually. The automatic function causes the device adjusts the cooling when the desired target temperature has been reached and on again when it deviates.

1.4 Fan button FAN:

a) Under cooling mode:

LOW FAN (F1) →MIDDLE FAN (F2) →HIGH FAN (F3) →LOW FAN (F1) →..., goes like this.

b) Under fan model: same as cooling mode

c) Under dehumidifying mode, fan is working in low speed

d) If switch between cooling and fan, fan speed won't change.

1.5 Timer button TIMER:

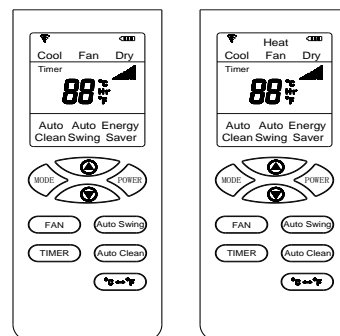
Press it, TIMER icon will flash, "0" areas indicates 24:00; you can set your time through UP and DOWN buttons. The HOUR number will change from 1,2,3...24; the Minute number will change from 10, 20,30...50.Auto-shut-off timer is only available when the unit on; auto-run timer is only available when the unit is off. After timer setting accomplishes effectively, TIMER icon will keep on flashing until setting time is due. If set again, history record will be cleared.

1.6 Up and Down button: can set temperature and timer.

Under cooling or heating mode, the sting temperature ranges from 16~30°C. If press Up and Down button simultaneously, the unit will shift between °C to °F.

Remote Control

- 1.Power :** Press this key to turn on/off the button.
- 2.Mode:** Press this key to choose cooling, heating, dehumidifying, fan
- 3.Up:** Press this key to turn up temperature or adjust time.
- 4.Down:** Press this key to turn down temperature or adjust time.
- 5.Fan:** Press this key to set low/middle/high fan speed.
- 6.Auto Swing:** Press this key to control swing function.
- 7. °C↔°F:** Press this key to choose Centigrade or Fahrenheit.
- 8.Timer:** Press this key to set time. Within 5 hours, time interval is half hour;from 5 hours to 24 hours, time interval is 1 hour. Once set number will flash 5 times as confirmation .
- 9. Auto Clean:** Press this button only when the machine is on, then turn off the machine, the compressor will stop working, the motor will keep working for some time to dry the evaporator.



Multi protective function

3.1 Water-full protection:

When the water level in the bottom water plate is surpassing warning level, the unit will alert automatically and "FL" will flashes on LCD. Please discharge water in the machine according to Chapter "Water Drainage"

3.2 Anti-freezing protecting control(only for cool & heat model):

Under anti-freezing function, the "heat" will flash

3.3 Anti-heating protecting

Under heating mode, the compressor and motor will stop work until the temperature of the machine automatically recover to ordinary heating status.

3.4 Compressor delay-protection

Except for the first power-on, the compressor can start at once. In other cases, the compressor runs under 3 minutes delay protection.

Water drainage

1.Manual drainage :

- 1.1 When water tank is full and unit stop working, please shut off the unit and unplug Please don't move the model sharply, or the water will spilt out from water received plate.
- 1.2 Use a water container to take water under the water plug.

1.3 Screw off the water plug and unplug the water blocker, water will come out to the water container.

2. Continue drainage:

2.1 Screw off the water plug and unplug the water blocker.

2.2 Use water pipe to connect the water outlet. Lead the pipe to the outside or washroom.

Remark: 1.This method can be done only if there is no water in the water received plate.

2.3This model have self evaporative function, under cooling mode, please don't use continue drainage to get better cooling effect.

Cleaning

Please shut off the unit and unplug the plug before cleaning or maintenance

Clean the surface

Clean the housing with a duster or a soft wet cloth. Do not use chemical solvent (such as benzene, alcohol, gasoline). The surface may be damaged or even the whole case may be deformed.

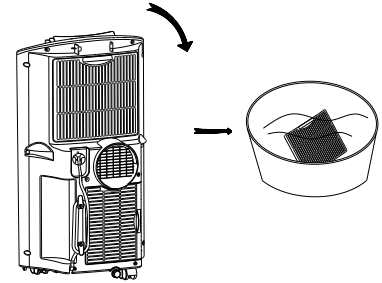
1. Air filter cleaning

1.1Clean the air filters every 2 weeks. If the air filter is blocked with dust, the efficiency will reduce.

1) Pull out up and down filter as below pictures

2) Wash the air filters by immersing it gently into warm (about 40°C) water with a neutral detergent, rinse it and dry it thoroughly in a shaded place.

3) Install air filters carefully after cleaning the filters.



Storage

1. Pull out the plug in drainage hole and empty the water-received plate, or drain out the water by leaning the unit, then shift the unit mode to Fan mode, and press the button for 5 seconds till it to low fan speed. Keep this mode for half day till the conduit is dried. Doing like this can keep the inner unit dried and not go moldy.

2. Turn off the unit and pull out the plug.

3. Coil the wire and bind it together, then put it into the accessories room.

4. Separate the air-exhausted pipe and safely keep it.

5. Put the unit into a plastic bag, then keep it in a dried place.

6. Take out the batteries of remote control and safely keep them.

Trouble Shooting

Don't repair or disassemble the unit by yourself, unsuitable repair may make the quality-protected card in vain, and even cause damage to the user or his/her possession.

Trouble	Reason	Solution
The unit doesn't work	No power supply	Power-on and turn on the unit.
	Water-full indicator illuminate	Drain out the inner stored water
	Timer function is active	Cancel Timer function
	Room temperature too low or too high?	Suggesting ambient temperature between 7-40°C
The unit does not seem to perform.	In direct sunlight	Draw the curtains
	Windows or doors open, many people or a heat source in the room	Close windows and turn on another air conditioner
	Filter is very dirty	Clean or change the air filter
	Air inlet or air outlet is blocked	Clear out the stemming
	Room temperature is lower than setting temperature	Change the setting temperature
The unit noise is high	The unit is not put on flat place	Put the unit on flat and hard place(reduce noise)
Compressor doesn't work	Heat-exceeded protection is active	Re-start the unit 3 minutes later till the temperature low down.
Remote control doesn't work	The distance is too far.	Let the remote control near the unit and make sure it aims at the air-outlet grille
	Control panel hasn't received the signal from remote control.	
	Die Batterien sind leer	Wechseln Sie die Batterien

E1 on LCD	Coil temperature is abnormal EVA: What is the COIL temperature? The coil temperature is the condenser&evaporator temperature,if the coil temperature is too hot or cold,then the PCB Will display E1 for the user's remind.	instruct a technician or bring the unit back to the market, please keep the bill ready
E2 on LCD	Room temperature is abnormal	instruct a technician or bring the unit back to the market, please keep the bill ready
E3 on LCD	No refrigerant or there is very few refrigerant	please hire a technician with the filling of the cooling means
E4 on LCD	Anti-freezing protection	Wait 20 - 30 minutes The unit automatically restarts
P2 on LCD	Water is full inside the machine	Drain out water from drain port at bottom rear of the unit.
F1 on LCD	High pressure protection (only for US standard)	After inside gas pressure comes down, it will function well.

EC-Declaration of Conformity

The unit complies with the essential health and safety requirements of the European Union. The EC declaration of conformity is the basis for the CE marking of this unit.

With the publication of this manual, all previous are not valid.

ERP Regulation

This high-quality single-channel portable air conditioning unit is in accordance with the rules and regulations of the European Union, in particular the new ERP Regulation 626/2011 to a "local air conditioner."

Refrigerant

(CE) N 842/2006: This air conditioner contains the refrigerant R410A. The amount of refrigerant is less than 1kg, and is in a closed cooling circuit. The coolant does have zero ozone depletion potential, but is a so-called greenhouse gases under the Kyoto Protocol (with a GWP of 1725) and may thus contribute to global warming, if it is released to the atmosphere. Therefore only trained technicians with refrigerant certificate make a filling or emptying. Suntec your air conditioner does not have to use if used properly and undamaged coolant circuit can be refilled with refrigerant

NOTE CONCERNING PROTECTION OF ENVIRONMENT



This product must not be disposed of via normal household waste after its service life, but must be taken to a collection station for the recycling of electrical and electronic devices. The symbol on the product, the operating instructions or the packaging indicate such disposal procedures. The materials are recyclable in accordance with their respective symbols. By means of re-use, material recycling or any other form of recycling old appliances you are making an important contribution to the protection of our environment. Please ask your local council where your nearest disposal station is located.

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