CONTENT

1. PREFACE	2
2. SAFETY PRECAUTION ·····	2
3. STRUCTURE ·····	4
4. OPERATION METHOD ·····	5
a) Auxiliary controller and LED display	5
b) Remote controller ·····	6
c) Operation method ·····	7
5. OPERATION GUIDE ·····	11
6. MAINTENANCE ·····	12
a) Clean the air strainer	12
b) Maintenance ·····	12
7. TROUBLE CHECKING ·····	13
8. INSTALLATION ·····	15
a) Requirement of indoor unit ·····	15
b) Requirement of outdoor unit ·····	
c) Installation step ·····	16
SPECIFICATION	

4. OPERATION METHOD

a) Auxiliary controller and LED display

① Selector switch

3

ФŢ

Auxiliary controller Item Function In 'Test' position, the compressor will start immediately and the unit work in cooling. This position is used for testing in factory and do not use it random. In 'Auto' position, the unit is not controlled by the remote controller and it will Auto work automatically. In 'Remote' position, the unit is controlled by the remote controller. Please set this position as normal operation. Indicating of the power, It will indicate when the power is on. There is something wrong with the main power source, transformer or retification circuit when it

Indicating of set temperature. It will display problem code'E1'to'E6'. Such as, E2:Overload of compressor's current. E1:Communication break down. E3:Overload protection of compressor. E4:IPM protection. E6:Protection on prevent frosting. E5:Exhaust over temperature.

Indicating of set temperature. It will display "E1", when the temperature of pipe

Indicating of defrosting

Indicating of compressor running

OPERATION METHOD

Operation method (6) Timing and sleep function

1. Successively press ' to select ②→0 and ②→1 . Please use ' + □' to set the desired time within the flashes of time shown. In timing function, the time shown is the timing time.

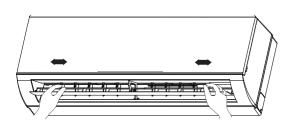
2. Successively press 'TIME' to select & function. In sleep function, the unit will stop automatically after 8 hours. The unit works in comfortable sleep mode and regulates the room temperature to be suitable for you , and creates $% \left(1\right) =\left(1\right) \left(1$ a comfortable surrounding for you while power saved.

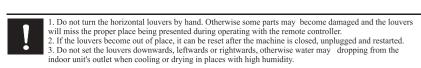
(7) Clock function

1. Press 'CLOCK' and ' + - ' to adjust the current time. 2. The remote controller has clock display. It indicates the current time when unit is not in timing mode, and indicates timing time when in timing mode.

(8) Louver function

1. The direction of the vertical airflow is adjusted by the horizontal louvers. Press ' VANE ' to adjust. At certain position of louver movement, press ' VANE ', the louvers stop swing at the required position and become directional airflow. 2. The direction of the horizontal airflow is manually adjust by the vertical louver to your required position.





7. TROUBLE CHECKING

Trouble checking

Phenomena	Analyse
The air conditioner will not start immediately	• After stopping, the air conditioner will start again after 3 minutes.
At the moment of starting, sometimes peculiar smell is emitted.	• The reason is air conditioner suck into and blow out again the smell of furniture and cigarette when it conditioning the air
Slight flowing noise will be heard while the unit is running.	• This is the noise of refrigerant in the refrigerant cycle.
Sometimes mirage appears in cool mode.	• This is caused by quick freezing of the air.
Sometimes light sound of cackle is heard when the unit is power on/off.	• This is caused by grating of swell of some parts like front panel causing by the varieties of temperature.
Γhe air conditioner don't work.	• Check if power is off.
	• Check if plug is unplugged.
	• Check if circuit breaker is open,
	• Check if voltage is normal.
	• Check if the temperature setting is correct.
	• Check if timed on function is properly set.
Effect of cooling and heating of air conditioner is bad	• Check if the temperature setting is proper.
	Check if any obstacle clogging air inlet and outlet of outdoor uni
	• If the air strainers are clogged by dust.
	• Check if airflow speed is set at low speed.
	• Check if there are any other heat sources.
	• If all the windows and doors are closed.
The remote controller will not work	• Check if the batteries' power is in full, otherwise replace them
	• Check if the distance is in the receivable range or there are any barries
	• Check if auxiliary controller of indoor unit is set at 'Remote
There are big noise when running.	• Check if installation of air conditioner is not horizontal.
The LED display defrosting in heating, indoor unit stops working for 2~10 minutes.	The unit is thawing out frost piles on the outdoor unit at the moment.
The outdoor fan motor works discontinuously when heating.	• This is the auto-adjust of the unit and this is normal.
discontinuously when heating.	

not repair the air conditioner by yourself, improper reparation may cause shock or fire.

-13-

1. PREFACE

This wall-mounted split air conditioner is our company's latest model. It takes the modern design like the super quiet operation and the computerized

Only proper installation and operation can assure the capability of the air conditioner. The air conditioner should be set up by the qualified technician to ensure safety use and good working.

This manual mainly takes heat pump type products for example. Cooling only type does not have heating function, and the remote controller does not have "HEAT"button. "SUPER" button is optional. The manual is not distinguished in detail.In addition,the drain hose has not appeared in the cooling only type.

2. SAFETY PRECAUTION

CAUTION

-2-

- 1. Do not take upon yourself to install, remove or re-install the air conditioner, improper installation may cause water leakage, fire or electric shock.
- 2. The unit must be earthed reliably, otherwise, it may cause shock, fire or other accident. 3. Ensure the plug plugged in reliably, otherwise it will lead to shock, overheated or fire.
- 4. Do not stop the unit by pulling out the plug, otherwise the plug will be loosen. 5. Do not damage the wire or use unspecified wire, otherwise it will cause shock or fire.
- 6. Do not connect the plug and other plugs on one socket, otherwise it will lead to shock or fire. 7. Do not operate with wet hand, otherwise you will get a shock.
- 8. Do not insert obstacle into the air inlet or air outlet, otherwise mechanical injury or other 9. Do not expose persons to single direction airflow for a long time to avoid harm to your health.
- 10. Shut off the power if there is abnormity (smoke, sparks or flame). Please contact the agent or
- 11. Do not attempt to repair the air conditioner by yourself, improper reparation will cause shock or fire, please contact the agent or maintenance department.

OPERATION METHOD

Description of the display:

4. Set temperature:

5. Mode display:

Description of the buttons:

DRY

VENT

Installation of batteries:

OPERATION METHOD

Operation method

Room temperati

>28°C

22°C~28°C

<22°C

Auto mode

(9) Auto mode

(10) Test mode

factory.

② Button

-10-

① Selector switch

Auto

Test

Trouble checking

the agent.

the correct direction. Replace the cover.

State display: signal transmit , sleep &

auto speed

2. Fan speed: high speed , mid speed , low speed , ,

3. Clock display: timer function , timer time :

time display #8:88

6. Superdisplay: flash when cooling or heating

ON/OFF Use to select the unit to ON/OFF. COOL Press it, the unit works in cooling

Press it, the unit works in heating

adjust the set temperature.

te sure that there is no any barrier between the receiver window and the remote controller. Valid distance is less

4. Do not fall down the remote controller or expose it to strong impact. A 'Du' sound is heard when a signal is received

o not leave any liquid flow into remote controller or place it under the sunlight or any heat source.

1. Set the auxiliary controller in 'Auto' and the unit works automatically.

3. Under auto operation, the unit is out of control of the remote controller

Set the auxiliary controller in' Test', the unit will work in cooling mode. The unit

Press the auxiliary controller button, set the anxiliary controller in' Test', the unit

will work in cooling mode. The unit will stop work automatically after 30

minutes. This mode is used for testing in factory. The controller is on Remote status

when the unit is firstly powered on. Then each time the button is pressed, the controller

will be switched circularly among Remote, Automatic and Test status.

TROUBLE CHECKING

• There is harsh noise when the air conditioner working.

• There is peculiar smell during the air conditioner working.

• The surface of the unit become electriferous.

• The fuse and breaker often act. • The power cord and plug are very hot.

• The indoor unit leaks water.

Please shut off the power if there is abnormity as following, and contact

will stop work automatically after 30 minutes. This mode is used for testing in

Mode

Cooling

Pause

Heating

2. Under auto operation, the unit works automatically according to indoor

Set temperature

28°C

/

22°C

Test mode

₩ will flash.

Press ' v and remove the cover.

Press it, the unit works in drying.

Press it, the unit works in ventilating.

Use it to adjust the louver state and position.

Use it to adjust the time with ' + '.

Insert two batteries. Make sure that the batteries are inserted in

Press it to select $\bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc$, $\bigcirc \bigcirc \bigcirc$ and normal state.

In $0 \rightarrow 0$, use it to adjust set time, otherwise use it to

Press it to select the Superfunction, and the 🐡 or

Use it to select 'high, mid, low, auto' types of fan speed.

b) Remote controller

ON/OFF

HEAT +

DRY VANE SUPER

VENT FAN TIME

-6-

12. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for

13. Children should be supervised to ensure that they do not play with the appliance.

14. The appliance must be fitted with means for disconnection from the supply mains having a contact separation in all poles that provide full disconnection under overvoltage category III conditions, and these means must be incorporated in the fixed wiring in accordance with the

15. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

16. The appliance must be installed in accordance with the national wiring regulations.

NOTICE

1. The quality of the electric outlet must be reliable, otherwise it will cause fire or other accident. 2. Ensure proper connection of drain pipe. Otherwise, it may cause water leakage or moisten the

3. The base and bracket of the unit must be rigid and stable. Otherwise, the units may drop down or produce abnormal vibration and noise

4. The unit must be kept away from flammable gases. Leakage gas that surround the air conditioner may cause fire 5. Do not remove plug by pulling the cord, pull the plug body only. Otherwise overheating and

6. Please remove the plug if not using air conditioner for a long time. Overheating and fire would happen if much dust in plug.

7. Clean the unit only after shutting off the power to prevent from shock or damage to the unit. 8. Do not use air conditioner for other purpose. The air conditioner is not suitable to conserve precise instrument, foodstuff, plant, etc.

9. Do not put the heater in front of the air conditioner. Incomplete burning may release toxic gas carbon monoxide.

10. Do not use water to clean the air conditioner, it may cause a shock. 11. Please check the reliability of the unit's brackets after a long term application. If the bracket

is defective, the outdoor unit may drop or become damaged. 12. Do not get on the outdoor unit or put anything on it to prevent from drop.

-7-

-11-

OPERATION METHOD

C) Operation method

(1) Cooling operation

- 1. Connect the power supply and press ' ONOFF ' to start the unit.
- 2. Press ' COOL' to select the cooling mode.
- 3. Press ' to adjust the set temperature.
- 4. Press ' FAN ' to select the fan speed.
- 5. Press ' VANE ' to select the direction and state of airflow.

Note: * If the humidity in the room is very high, there will be occur some condensed water in the outlet of louver. Please run in the high speed or select the super

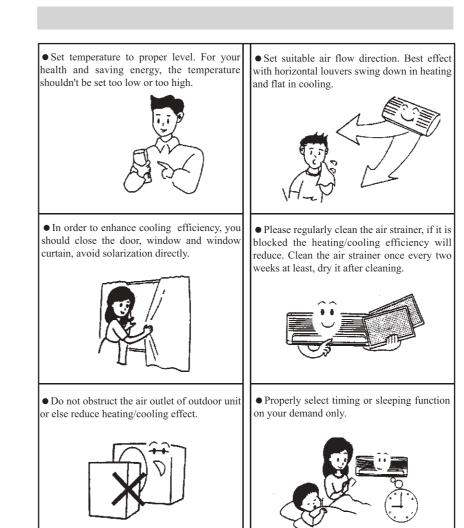
* Perhaps the LED display "E1" when the room temperature is too low. The unit is in protection.

(2) Heating operation

- 1. Connect the power supply and press ' ON/OFF ' to start the unit.
- 2. Press ' HEAT' to select the heating mode.
- 3. Press ' + ' to adjust the set temperature. 4. Press ' FAN ' to select the fan speed.
- 5. Press ' VANE ' to select the direction and state of airflow.
- Note: * Select heating, the set temperature should be higher than indoor temperature, otherwise the unit will not work.
- * In order to prevent from blowing cooling air at the beginning of starting, the fan is set to lag a short period.
- * In heating, defrosting is automatically controlled during heating. The LED will display indicating of defrosting. The compressor keeps running and the

fans of indoor and outdoor unit will pause. After defrosting, the unit works in

5. OPERATION GUIDE



8. INSTALLATION

a) Requirement of indoor unit

- * Install air conditioner on a rigid wall without vibration and level it. * No obstacle in front of air intake and outlet grills.
- * Keep away from heat sources, flammable gases and places with high humidity. * Do not expose the front panel to sunlight directly, should not have strong
- magnetoelectric disturbance in the using occasion. * Convenient to connect with outdoor unit, exhaust water can be drained easily.
- * Near the power outlet or special cable.
- * Leave enough space for convenient maintenance. * The indoor unit should be set up higher than the eye level.

b) Requirement of outdoor unit

* The outdoor unit should be installed on a rigid base.

installed in enclosed reserved spaces of the building.

- * It is necessary to leave certain space around the outdoor unit. * To prevent from rain and direct sunlight, a shelter is needed.
- * The unit must be away from heat sources and flammable gases. * Avoid neighborhood trouble caused by noise and hot air. *The outdoor unit of air conditioner with flammable refrigerant shall not be

1. Connect the power supply and press 'ON/OFF' to start the unit. 2. Press ' (DRY)' to select the dehumidifying mode.

OPERATION METHOD

2. Press ' VENT ' to select the ventilating mode.

3. Press ' FAN ' to select the fan speed

3. STRUCTURE

Air outlet

-4-

Operation method

(3) Ventilating operation

(4) Drying operation

Air inlet

Front panel

Auxiliary controller

Power plug cord

- Horizontal louver

Remote controller

Air strainer

Pipes and wires

Drain hose

Air inlet

Vertical louver

3. Press ' VANE' to adjust the direction and state of airflow.

1. Connect the power supply and press ' ON/OFF ' to start the unit.

4. Press ' VANE ' to adjust the direction and state of airflow

Note:* In ventilating mode, the SLEEP function will not take effect.

* The air conditioner cannot adjust the room temperature.

between the set temperature and room temperature.

- Note:*During drying, the air conditioner operates on and off, the on/off time is automatically controlled. * During drying, the SLEEP function will not take effect.
- * During drying, the indoor fan runs at low speed. Press ' (FAN) ' will not take effect.

* Select auto speed, the fan speed controlled by a micro-computer will

automatically alter in order of 'low-mid-high' according to the difference

- (5) Super function 1. When in cooling, you can press ' (SUPER) ' to speed the cooling or lengthen the
- distance of airflow. The room temperature will drop more quickly. 2. When in heating, you can press ' super ' to speed the heating or lengthen the
- distance of airflow. The room temperature will rise more quickly.

6. MAINTENANCE

a) Clean the air strainer

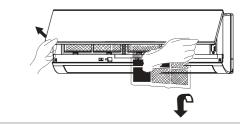
Clean the air strainer

-8-

Because there is dust in the room, please clean the air strainer regularly. Follow the direction

1) Open the front panel. 2) Pull the air strainer and clean it.

Clean dust in the air strainer with dust collector or washing in cold water. Then air in shady



b) Maintenance

A. When the unit will not be used for for a long time Run in ventilating mode for 3~4 hours to dry the indoor unit Switch off the air conditioner and unplug it Take out the batteries in the remote controller Clean the air strainer

Clean dust and rubbish on the outdoor unit If the outdoor unit is rusty, the position rusted should be painted to prevent expanding. B. Please check the unit before use, after a long time period of no operation Check the reliability of earthing

Check if any obstacle clogging air intake and air outlet of outdoor unit Check if drain hose is damaged Check if any damage occurred of bracket of outdoor unit

Check if batteries in remote controller require replacement Running the air conditioner for 15minutes, if temperature difference between intake air and exhausted air in cooling mode is \ge 8°C, that is normal.

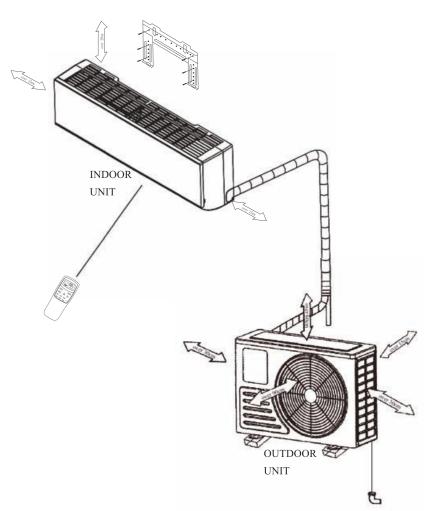
Turn power off during cleaning and maintenance. Do not clean the units with water or wet them, there is a danger of shock. Oo not use water with temperature ≥ 40°C to clean air conditioner or ai /olatile liquid like gasoline will damage the surface of air conditioner. oner or air strainer, or may cause distortion

-12-

INSTALLATION

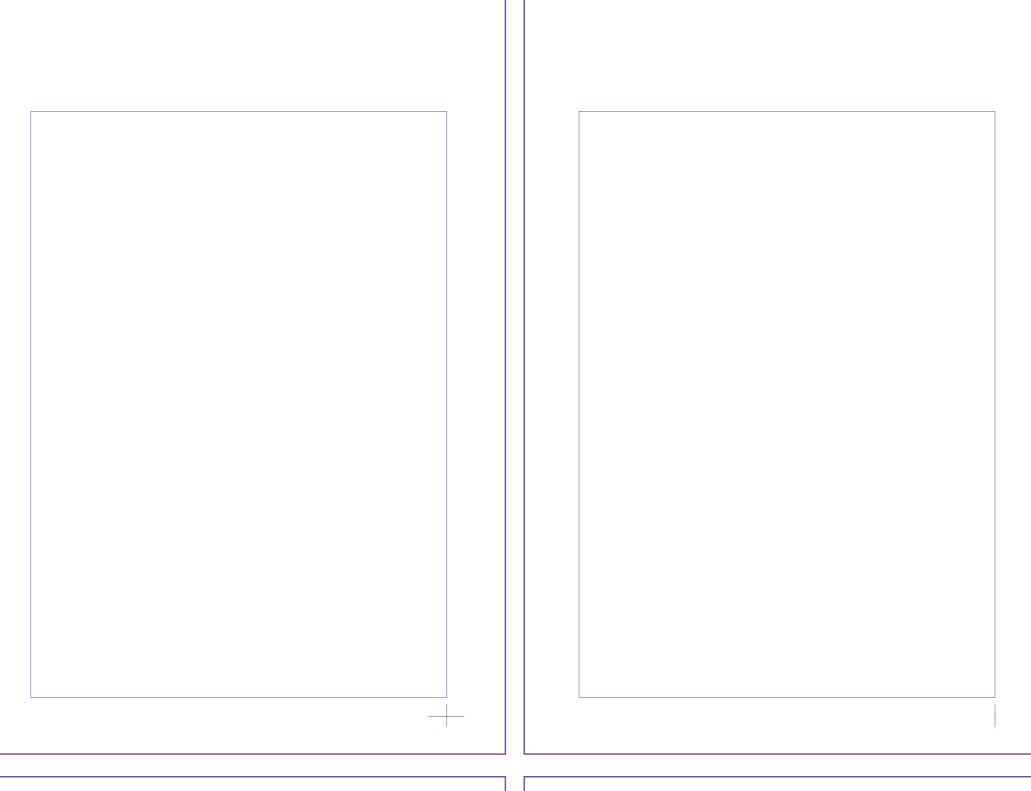
c) Installation step

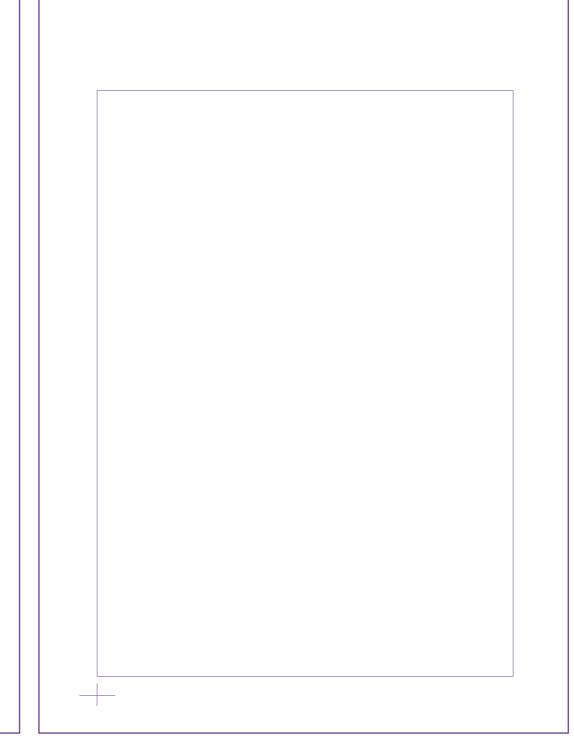
-16-

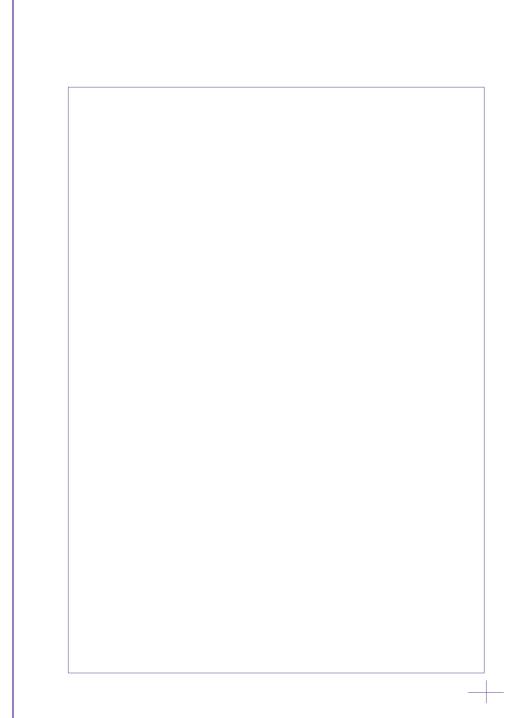


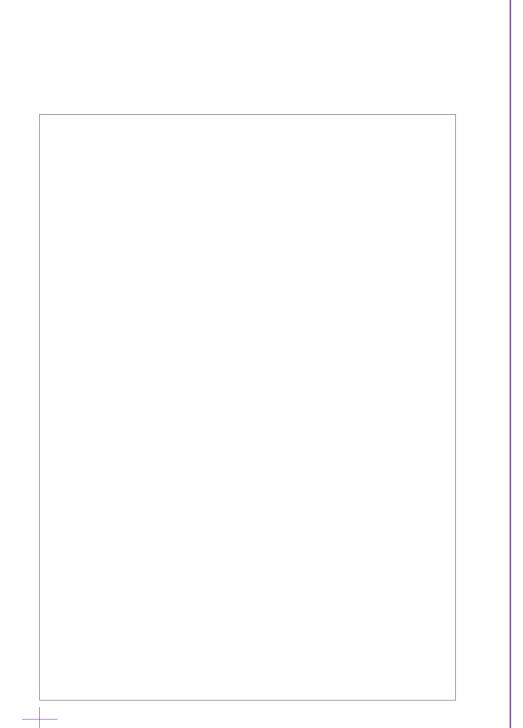
onditioner is not suitable for using in the following working condition: Vehicles and vessels Places with high oil fumes Places with high humidity like bathroom and base

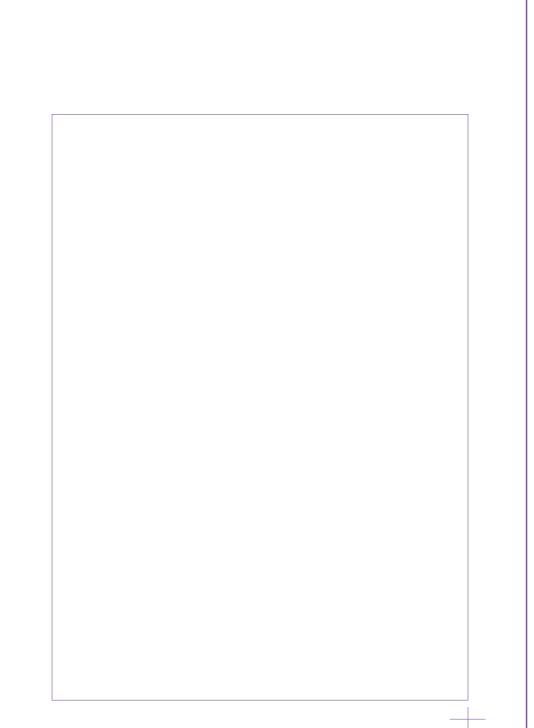
-14-

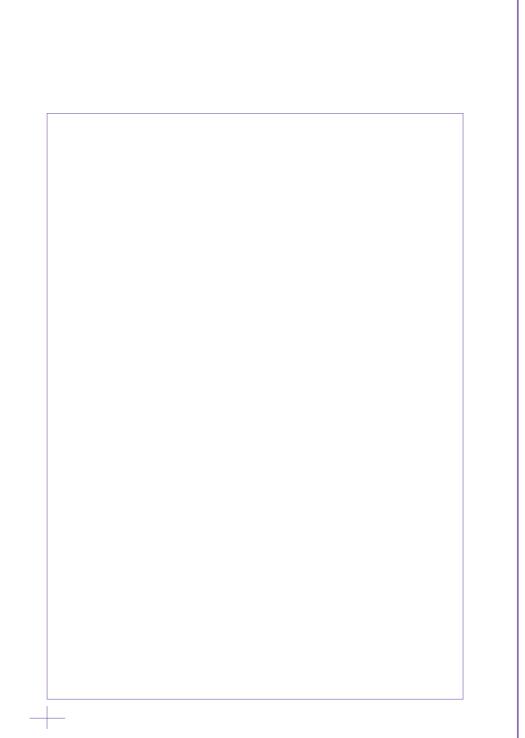


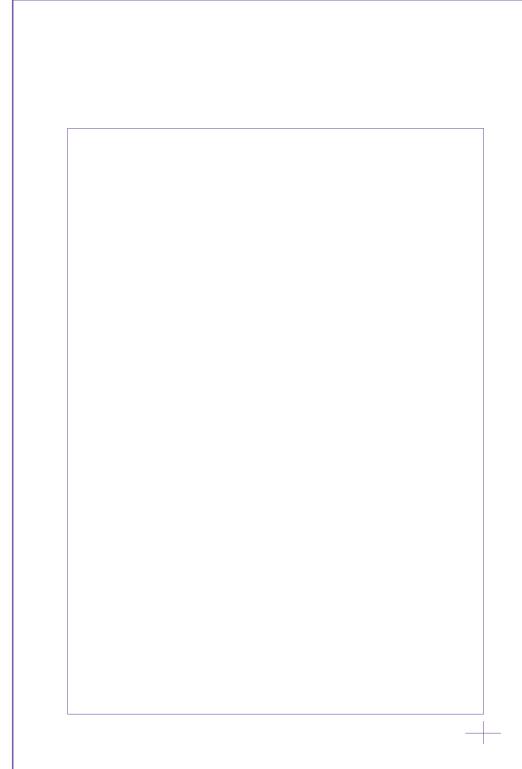




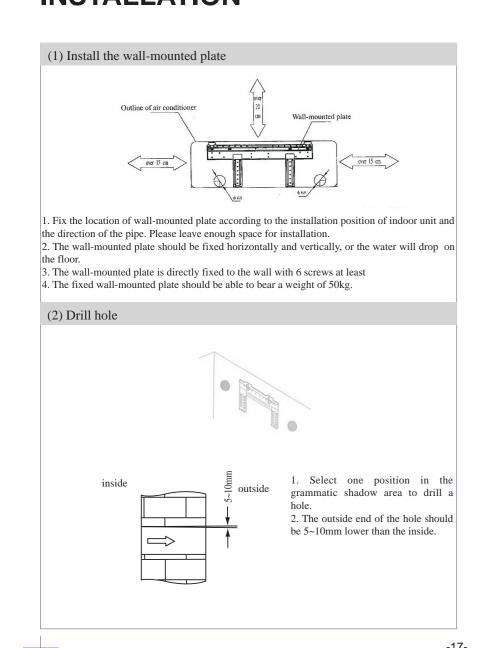


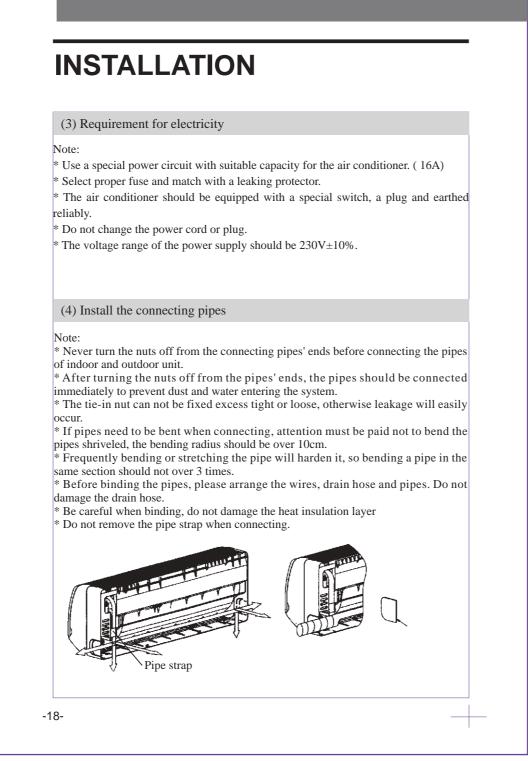


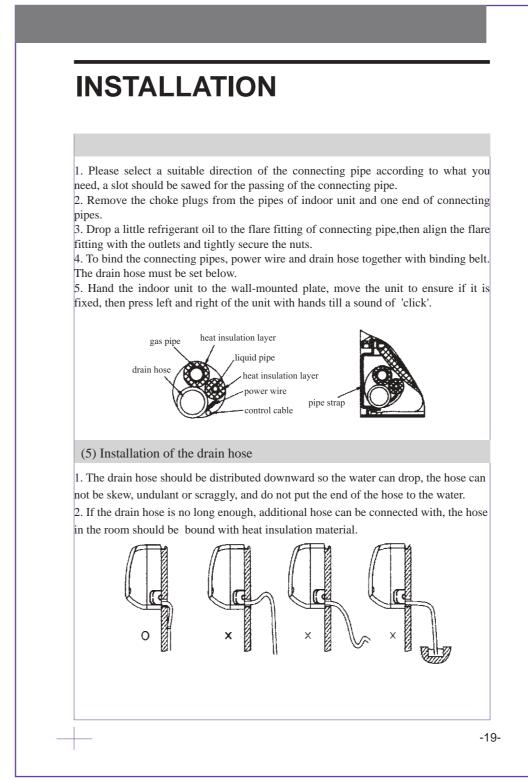


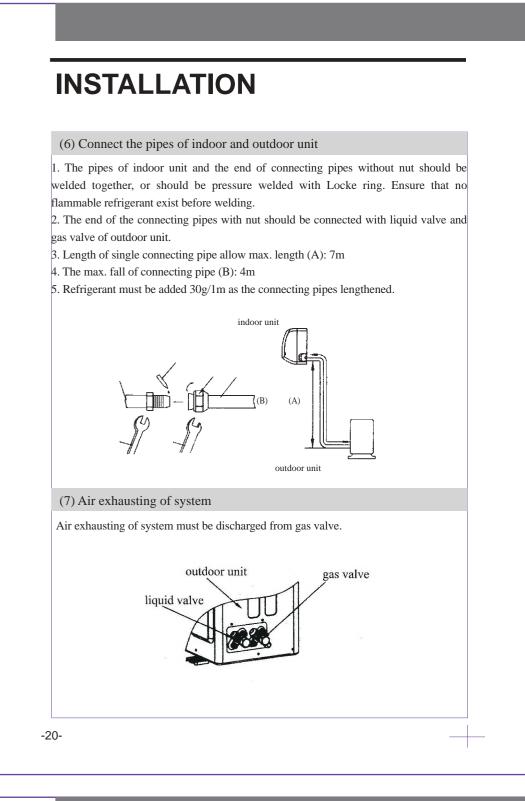


INSTALLATION









INSTALLATION

