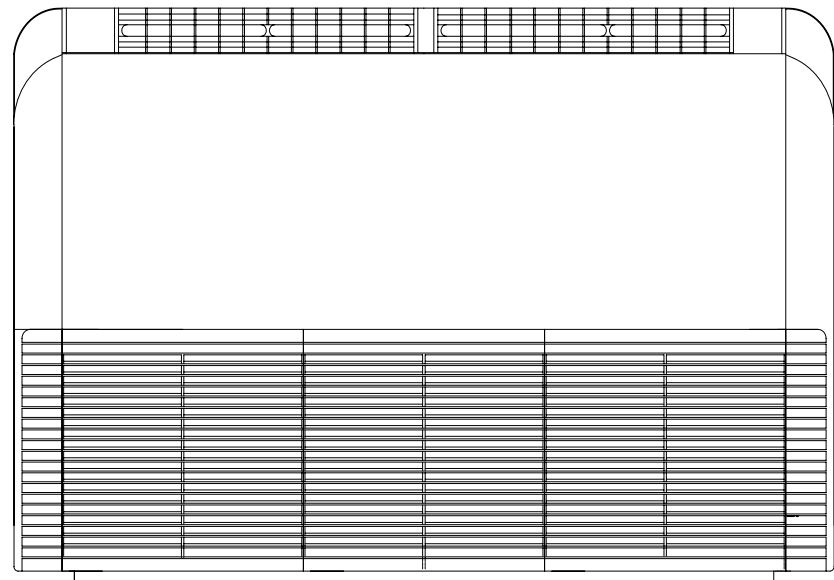


OPERATION INSTRUCTION

FLOOR /CEILING INDOOR UNIT

MODEL: SMUL 12,18,24,30,36,48,60

Read this operating instructions carefully and keep it for future reference.



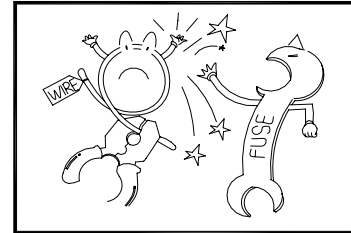
RHEEM REV 00

CONTENTS

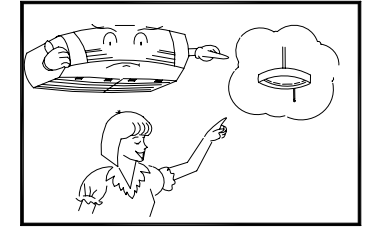
1. Part names and their function.....	3
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PRECAUTIONS

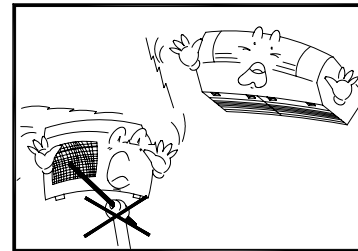
* Check electrical system (Voltage and frequency) use the proper power supply indicated on the unit to operate the air conditioner and only fuses with specified capacity. Do not use pieces of wire instead of fuse.



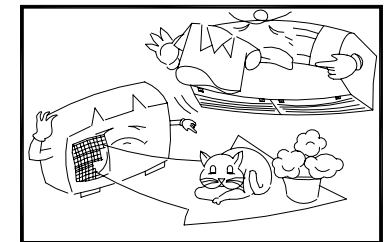
* Turn off air conditioner if while running electricity interference occurs. If the unit is not to be used for long time cut off the power supply main switch



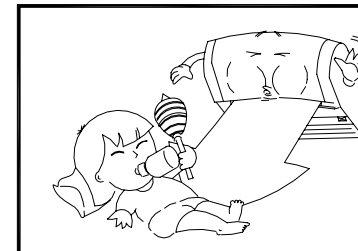
* Do not insert objects into the air inlet or outlet when the air conditioner is running as it may cause damage or personal injury, Also pay special attention when children are around.



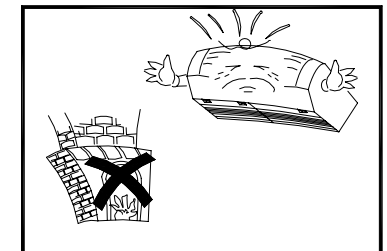
* Do not locate any obstacle against the airflow direction of indoor and outdoor unit. Inefficient performance or malfunction may occur.



* Do not channel the air flow directly at people, especially infants, aged person or patient.

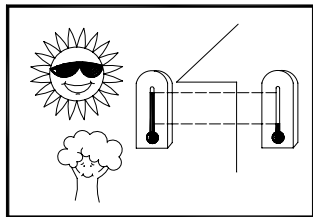


* Do not locate a heater or any other heat source close to the unit. The heat may deform plastic parts.

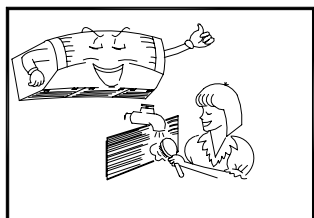


OPERATING GUIDE

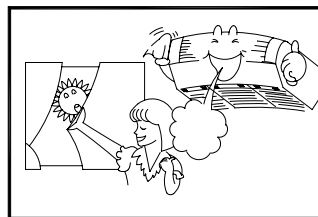
* Should not set temperature lower than your need.
Because it would cost the electrical fee.



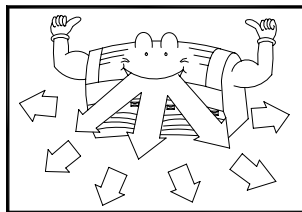
* Cleaning the air filter every other weeks for higher efficiency.



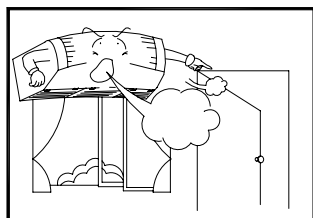
* Draw curtains or close glass window when cooling to prevent heat gain from sun light and not to load the units functioning which may cause more electricity.



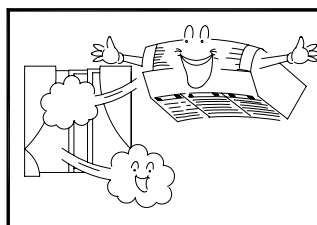
* To distribute cool air through out room,adjust Air flow direction as arrows show(see picture) For disseminated cool.



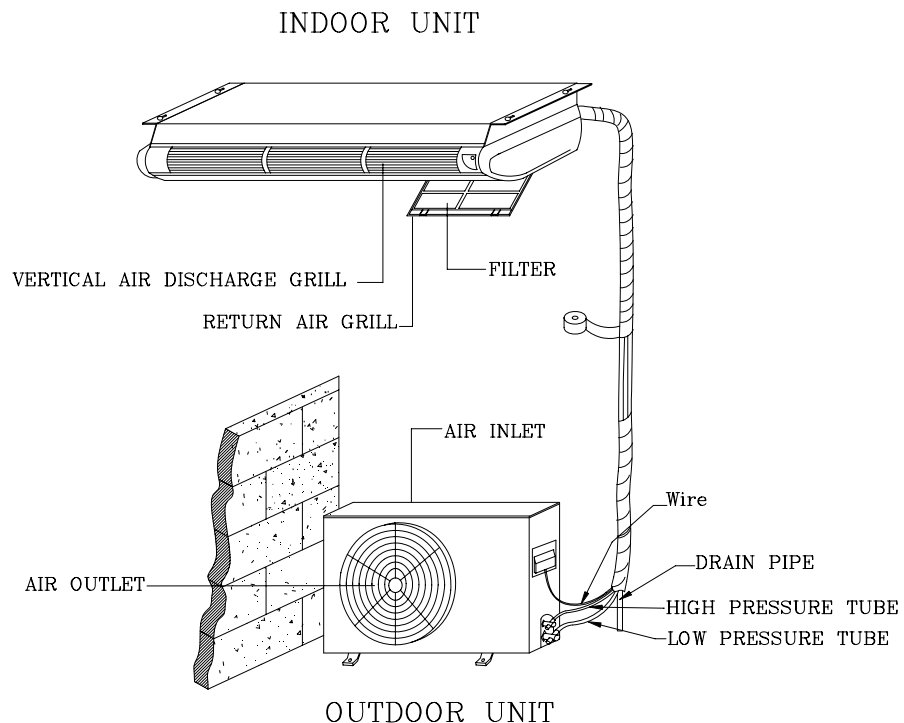
* Close window and door while operating to Prevent cooling leakage.



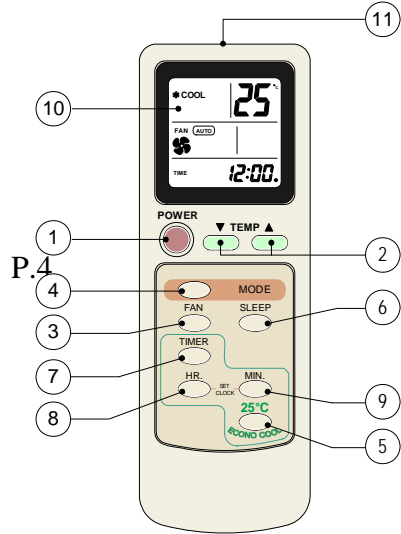
* In case ineffective ventilation fan. Open window to ventilate room air once in awhile But not to long since cooling will be use lessly drained out



PART NAMES AND THEIR FUNCTIONS



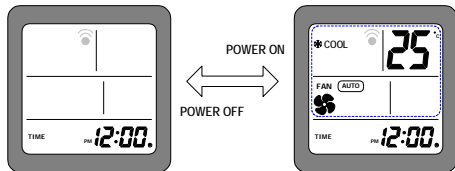
**USER'S MANUAL
AIR-CON REMOTE R212-1**



- 1. ON/OFF : Power ON/OFF air-conditioner.
- 2. TEMP ▼, ▲ : Temperature setting key.
- 3. FAN : Fan speed control key.
- 4. MODE : Mode control selection.
- 5. 25°C. (ECONO COOL) : 25°C control key.
- 6. SLEEP : Sleep function control key.
- 7. TIMER : Timer ON/OFF set.
- 8. HR. : Hour adjust key.
- 9. MIN : Minute adjust key.
- 10. LCD : LCD display.
- 11. IR : Infrared signal transmitter.

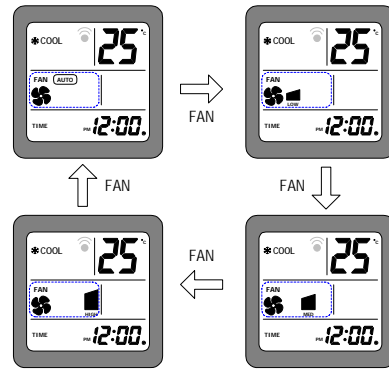
ON/OFF

Press ON/OFF button to turn on. Press this button again to turn off.



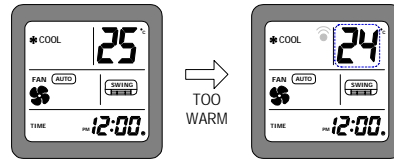
FAN

There are 4 levels speed control. Press FAN button to control the following : LOW ⇒ MED. ⇒ HIGH ⇒ AUTO ⇒ . . .

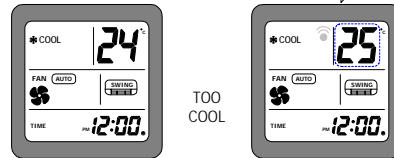


TEMP

Press TEMP▼ button to decrease the setting temperature. (1°C. per step)



Press TEMP▲ button to increase the setting temperature. (1 °C. per step)



MAINTENANCE

Before inspection and maintenance, the unit always set The Power switch "OFF" cut off power supply.

3.1 CLEAN THE AIR FILTERS

Removing the air filter clean by vacuum cleaner or it is very dirty, wash with soap then wipe off until it is completely Before reinstallation.

SUGGESTION :

* If the air filter is dirty, It will cause the reduction of airflow; The unit is overload and consume 5% more of electricity. So regular cleaning is necessary.

3.2 CLEAN THE UNIT

Clean the air conditioner and remote control with dry cloth. Remove moisture by wiping dry cloth afterward.

*Do not use benzine gasoline, thinners polishing products for cleaning.

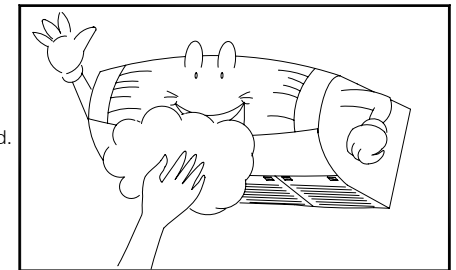
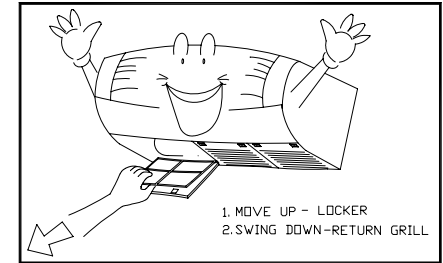
*Do not wash in hot water(above 40 C°) some parts of the unit may be deformed.

3.3 AT THE START OF THE SEASON

*Check that nothing blocks the air inlet and outlet of indoor and outdoor units.

*Runing the unit without air filters can cause mal-function due to dirt or dust always install air filters at all time

*Chack that drainage hose not bent or clogged.



3.4 DURING THE OFF SEASON

* Cut off the power supply main switch.

* Clean the air filters and other parts.

* Leave the circulation fan running for 2-3 hr to day out inside of the unit.

CHECKING BEFORE CONTACT SERVICE MAN

Checking the following before contact the service man .You may find the solution to your problems.

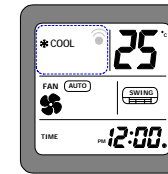
After checking, It still does operate, please your local dealer.

PLOBLEM	CAUSES
No operation	<ul style="list-style-type: none"> * Check if electrical wire is damage &check if switch breaker is still on . * Check power supply . * Check timer switch .
Air condition runs but fewer cools.	<ul style="list-style-type: none"> * Check the preset temperature. * Check the sunlight whether it shines directly into room . * Check the door and windows whether it is opened * Check something whether it obstructs air discharge louver . * Check exhaust fan whether it stall operates . * Check the air filter whether it is dirty .
Vapor or mist fume coming out of the unit while running.	<ul style="list-style-type: none"> * Hot air in the room mixes with cool air, it causes smoke alike .
In operating remote control.	<ul style="list-style-type: none"> * loosen or disconnected wire between the remote control . * Check the batteries inserted in correct directions . * Check the batteries expired .

MODE

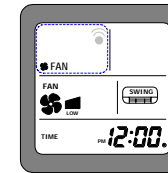
There are 2 modes. Press MODE button to select. (mode icon will show on LCD)

COOL ⇌ FAN ⇌ COOL...



COOL mode :
To control the room temperature from warm to cool. (Range for setting is 15-30°C.)

** This mode can control all other features **



FAN mode :
Operate same as normal fan.

** Too warm, Too cool and Sleep button will not operate **

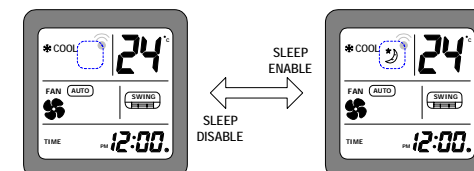
25°C ECONO COOL

This button will operate by change from any mode to 25°C. in Cool mode and Fan will change to Auto other setting will retain (This function design for save electrical energy)

SLEEP

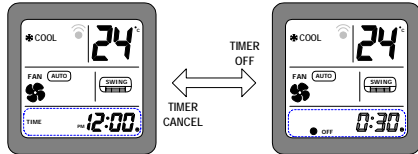
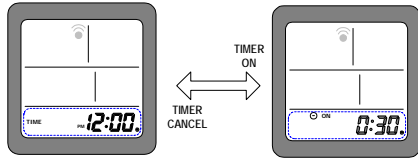
Press SLEEP button to enable or disable the Sleep function (icon will show on LCD).

In this function the temperature will automatically changes by 1°C. each hour in the first two hours of operation. (In COOL mode only)



TIMER

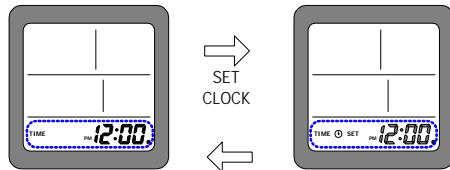
Press **TIMER** button for Timer ON/OFF control.
 Press this button to set timer on (Power must be off).
 Press this button again to cancel timer on.



**Timer display will show for 5sec and will turn off automatically.
 Press timer again for display.

SETTING OF CLOCK

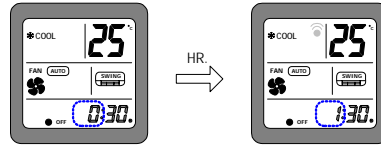
- Turn power off.
- Press **HR.** and **MIN.** button together for 1 second.
 LCD will show **SET**, Clock will blink.
- Within 5 sec press **TEMP ▼** or **TEMP ▲** to set time.
 Press and hold button **TEMP ▼** or **TEMP ▲** to speed up setting.
- Press **TIMER** button to exit. (or, automatically exit in 5 second)
- * Afternoon time is show by "PM"



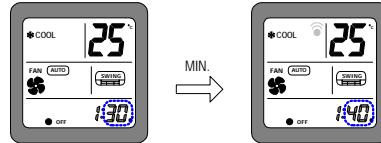
After 5 second or
 Press **TIMER** button

HR. , MIN.

Press "Hr." or "Min." button for setting of timer on/off.
 - HR. button will change the hour from 0 - 12 hours
 by 1 hr. per step.



- MIN. button will change the minute from 00 - 50 minutes.
 by 10 minutes per step.



Press this button to set timer off (Power must be on).
 Press this button again to cancel timer off.

POWER ON/OFF WITHOUT REMOTE

There is power switch on main unit. You can power on/off by this switch. This default status will operate by power on by switch.the default status working are following.

- Working on cool mode 24°C temperature setting.


LED DISPLAY PANEL

- Power LED.It will lid when power On and off.
- timer LED.It will on when timer setting.

If timer LED is brinking. It means, there are some problem about the thermistor connector sensor.
 Please call your local technical service.

All LEDS are option for different model of main

EMERGENCY OPERATION

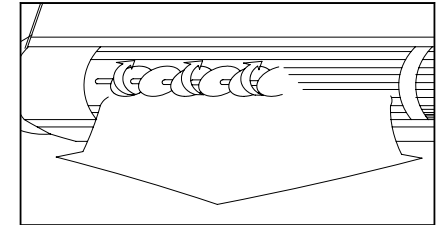
In those following case,use  button
 For emergency operation instead of the remote Control.

- * When batteries of remote control are expired.
- * When loss of the remote control.
- * When remote control out off function.
- * To test the unit during installation.

AIRFLOW DIRECTION ADJUSTMENT

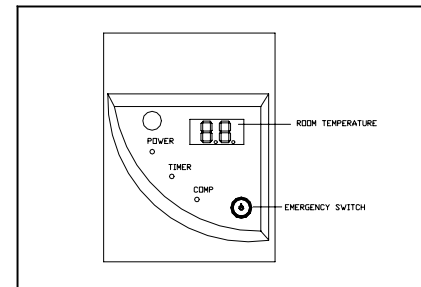
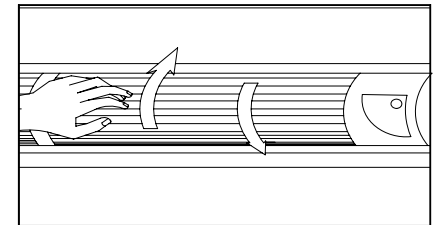
* HORIZONTAL ADJUSTMENT (OPTION)

** Press **SWING** button for automatic airflow direction operation,To stop the function press **SWING** button again




* VERTICAL ADJUSTMENT

**Adjust the vertical airflow direction louver directly by hand.



HOW TO USE THE EMERGENCY BUTTON^{hh}

Press  to turn on or turn off the air conditioner