

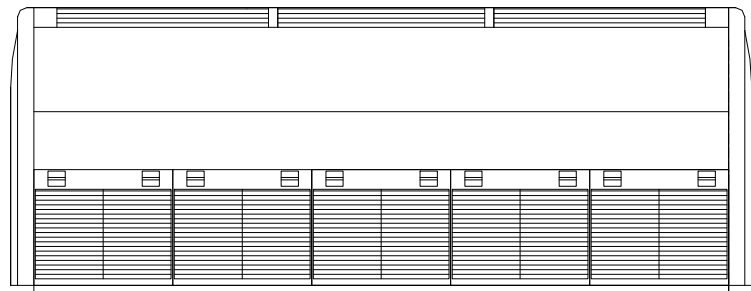
## OPERATION INSTRUCTION

FLOOR /CEILING INDOOR UNIT

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

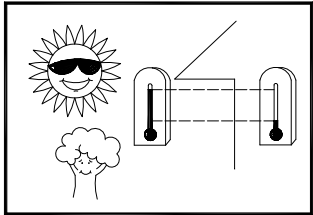
Read this operating instructions carefully and keep it for future reference.

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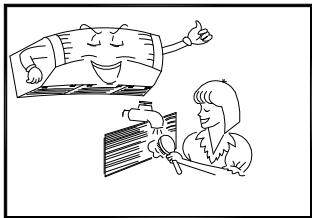


OPERATING GUIDE

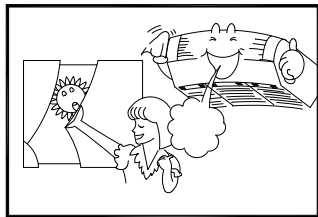
\* Should not set temperature lower than your need. Because it would cost the electrical fee.



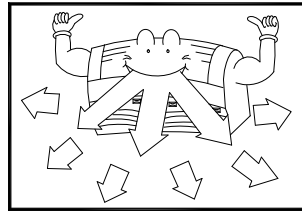
\* Cleaning the air filter every other weeks for higher efficiency.



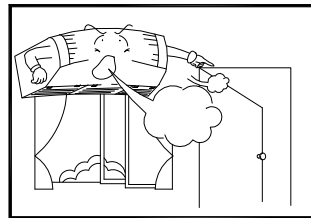
\* Draw curtains or close glass window when cooling to prevent heat gain from sun light and not to load the units functioning which may cause more electricity.



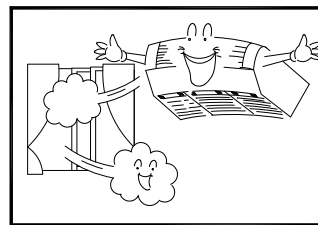
\* To distribute cool air through out room, adjust Air flow direction as arrows show(see picture) For disseminated cool.



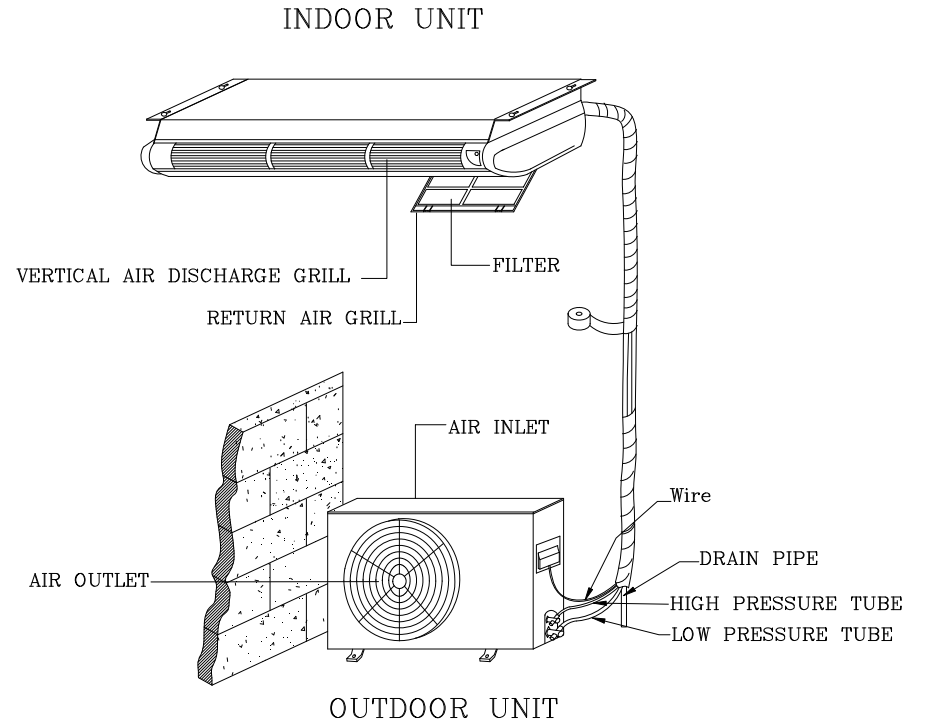
\* Close window and door while operating to Prevent cooling leakage.



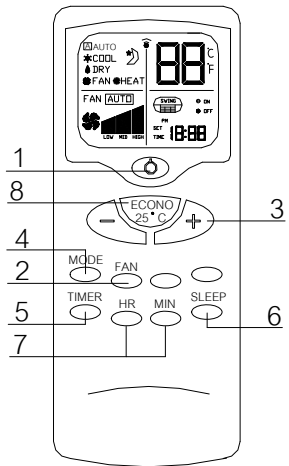
\* In case ineffective ventilation fan. Open window to ventitate room air once in awhile But not to long since cooling will be use lessly drained out



PART NAMES AND THEIR FUNCTIONS



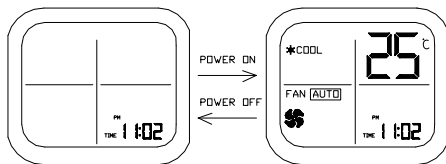
REMOTE CONTROL UNIT



CONTROL BUTTONS

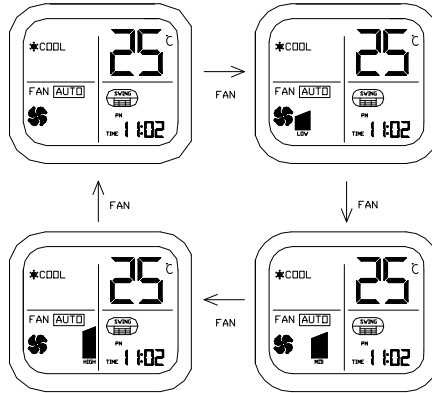
1. POWER

Press "POWER" button to turn on.  
Press this key again to turn off.



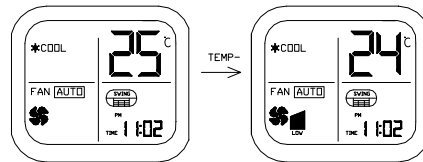
2.FAN

There are 3 laves speed control.  
Press this button to control the following  
LOW → MED → HIGH → AUTO

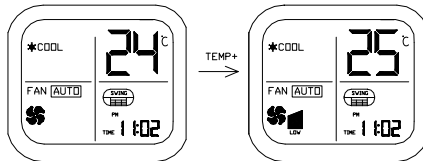


3. TEMP

Press "TEMP -" to decrease the temperature.  
( 1 C° or 1 F° per step)



Press "TEMP +" to increase the temperature.  
( 1 C° or 1 F° per step)



Press "TEMP +" key and "TEMP-"key together,  
to change from 1 C° or 1 F° or vice versa.

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.

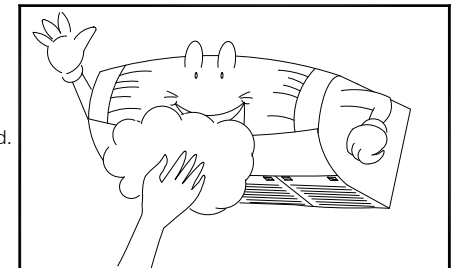
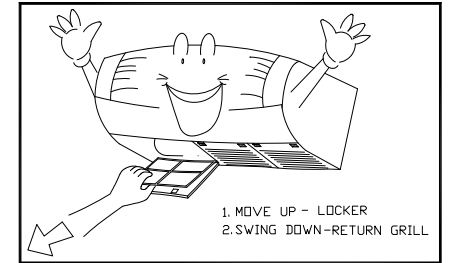
\*Do not use benzine gasoline,thinners polishing products for cleaning.  
\*Do not wash in hot water( above 40 C° ) some parts of the unit may be deformed.

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 swich.  
\* 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.

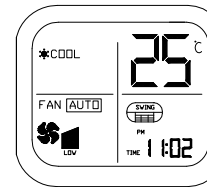
PLOBLEM	CAUSES
No operation	<ul style="list-style-type: none"> <li>* Check if electrical wire is damage &amp;check if switch breaker is still on .</li> <li>* Check power supply .</li> <li>* Check timer switch .</li> </ul>
Air condition runs but fewer cools.	<ul style="list-style-type: none"> <li>* Check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

4.MODE

There are 2 modes. Press “Mode” button to select.

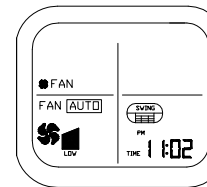
(all icon will show on LCD)

COOL → FAN → COOL



Model COOL: To control Temperature from warm to cool. (Range for setting are 20-30 °C or 68-86 °F

\*\* This mode can control all other feature\*\*



Mode FAN: Operate same as normal fan.

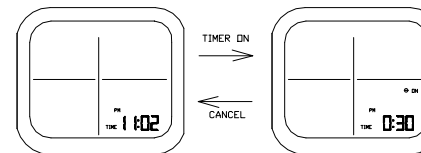
When in this mode Temp+ , Temp- and Sleep button will not operate\*\*

5. TIMER

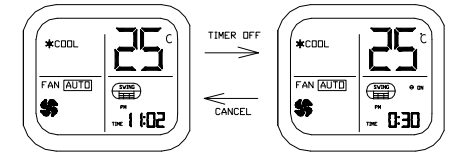
Press “TIMER ” button for Timer on/off control.

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

Press this button again to cancel timer on.



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



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

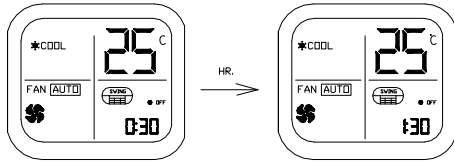
6. SLEEP

Press “SLEEP” button to control on/off sleep function (icon SLEEP will show on LCD).If sleep is “ON”fan will be set to auto speed.

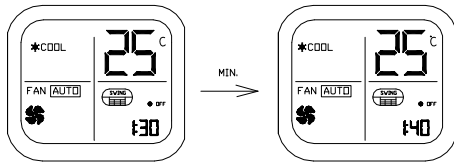
### 7. HR.,MIN.

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.

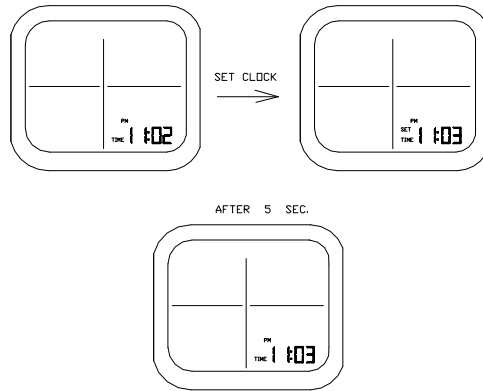


-MIN. button will change the minute from 00-50 minutes by 10 minutes per step.



### SET CLOCK

- Go to power off.
- Press “HR” and “MIN”.key together for 1 sec. LCD will show SET,Clock will blink.
- Within 5 sec press Temp+ or Temp- to set time. Press and hold key Temp+ or Temp- to speed Setting.
- Press key TIMER or HR or MIN to quit. (or , auto quit in 5 sec)



### 8. ECONO 25<sup>0</sup> C

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

### 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.

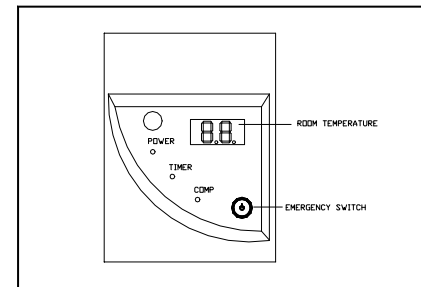
Please call your local technical service.

\*\*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.



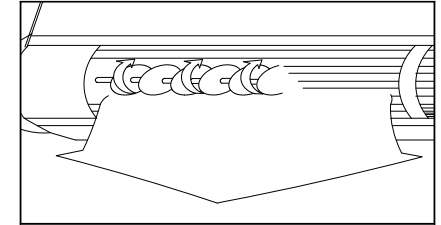
### HOW TO USE THE EMERGENCY BUTTON

Press  to turn on or turn off the air conditioner

### 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.

