SPLIT TYPE ROOM AIR CONDITIONER

OPERATION MANUAL

AS102AHAIA
AU102ACAHA
(HSU-10HM03(B))
AS122AHAIA
AU122ACAIA
(HSU-12HM03(B))

• Please read this operation manual before using the air conditioner.

splitoff.ru

Большая библиотека технической документации
http://splitoff.ru/tehn-doc.html
каталоги, инструкции, сервисные мануалы, схемы.

Cautions

Disposal of the old air conditioner

Before disposing an old air conditioner that goes out of use, please make sure it's inoperative and safe. Unplug the air conditioner in order to avoid the risk of child entrapment.

It must be noticed that air conditioner system contains refrigerants, which require specialized waste disposal. The valuable materials contained in an air conditioner can be recycled. Contact your local waste disposal center for proper disposal of an old air conditioner and contact your local authority or your dealer if you have any question. Please ensure that the pipework of your air conditioner does not get damaged prior to being picked up by the relevant waste disposal center, and contribute to environmental awareness by insisting on an appropriate, anti-pollution method of disposal.

Disposal of the packaging of your new air conditioner

All the packaging materials employed in the package of your new air conditioner may be disposed without any danger to the environment.

The cardboard box may be broken or cut into smaller pieces and given to a waste paper disposal service. The wrapping bag made of polyethylene and the polyethylene foam pads

All these valuable materials may be taken to a waste collecting center and used again after adequate recycling.

Consult your local authorities for the name and address of the waste materials collecting centers and waste paper disposal services nearest to your house.

Safety Instructions and Warnings

Before starting the air conditioner, read the information given in the User's Guide carefully. The User's Guide contains very important observations relating to the assembly , operation and maintenance of the air conditioner.

The manufacturer does not accept responsibility for any damages that may arise due to non-observation of the following instruction.

- Damaged air conditioners are not to be put into operation. In case of doubt, consult your supplier.

- Use of the air conditioner is to be carried out in strict compliance with the relative instructions set forth in the User's Guide.

- Installation shall be done by professional people, don't install unit by yourself.

- For the purpose of the safety,the air conditioner must be properly grounded in accordance with specifications.

- Always remember to unplug the air conditioner before openning inlet grill. Never unplug your air conditioner by pulling on the power cord. Always grip plug firmly and pull straight out from the outlet.

- All electrical repairs must be carried out by qualified electricians. Inadequate repairs may result in a major source of danger for the user of the air conditioner.

- Do not damage any parts of the air conditioner that carry refrigerant by piercing or performating the air conditioner's tubes with sharp or pointed items , crushing or twisting any tubes , or scraping the coatings off the surfaces. If the refrigerant spurts out and gets into eyes , it may result in serious eye injuries.

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

Cautions

- Do not obstruct or cover the ventilation grille of the air conditioner. Do not put fingers or any other things into the inlet/outlet and swing louver.

- Do not allow children to play with the air conditioner. In no case should children be allowed to sit on the outdoor unit.

Specifications

- The refrigerating circuit is leak-proof.

The machine is adaptive in following situation

1. Applicable ambient temperature range:

Cooling	Indoor	Maximum: D.B/W.B 32°C / 23°C Minimum: D.B/W.B 18°C / 14°C
	Outdoor	Maximum: D.B/W.B 43°C / 26°C Minimum: D.B 18°C
Heating	Indoor	Maximum: D.B 27℃ Minimum: D.B 15℃
	Outdoor	Maximum: D.B/W.B 24℃ / 18℃ Minimum: D.B/W.B 15℃

2. If the power supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similar qualified person.

3. If the fuse of indoor unit on PC board is broken,please change it with the type of T. 3.15A/ 250V. If the fuse of outdoor unit is broken, change it with the type of F.20A/250V.

4. The wiring method should be in line with the local wiring standard.

5. After installation, the power plug should be easily reached.

6. The waste battery should be disposed properly.

7. The appliance is not intended for use by young children or infirm persons without supervision.

8. Young children should be supervised to ensure that they do not play with the applience.

10. Please employ the proper power plug, which fit into the power supply cord.

11. The power plug and connecting cable must have acquired the local attestation.

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

Cautions

Safety Instruction

- Please read the following Safety Instructions carefully prior to use.
- The instructions are classified into two levels, WARNING and CAUTION according to the seriousness of possible risks and damages as follows. Compliance to the instructions are strictly required for safety use.

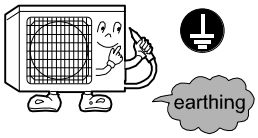
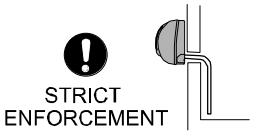
Installation

⚠ WARNING

Please call Sales/Service Shop for the Installation.
Do not attempt to install the air conditioner by yourself because improper works may cause electric shock, fire, water leakage.

Installation in a inadequate place may cause accidents. Do not install in the following place.

⚠ CAUTION

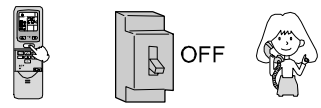
Connect the earth cable. 	Do not install in the place where there is any possibility of inflammable gas leakage around the unit. PROHIBITION	Do not get the unit exposed to vapor or oil steam. PROHIBITION	Check proper installation of the drainage securely  STRICT ENFORCEMENT

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

Cautions

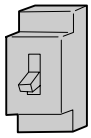
⚠ WARNING

When abnormality such as burnt-small found, immediately stop the operation button and contact sales shop.



STRICT ENFORCEMENT

Use an exclusive power source with a circuit breaker.



Connect power supply cord to the outlet completely.

STRICT ENFORCEMENT

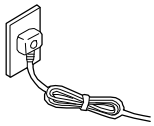
Use the voltage AC220~230V.

STRICT ENFORCEMENT

Do not use power supply cord extended or connected in halfway.

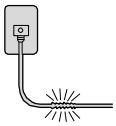
PROHIBITION

Do not use power supply cord in a bundle.



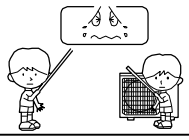
PROHIBITION

Take care not to damage the power supply cord.



PROHIBITION

Do not insert objects into the air inlet or outlet.

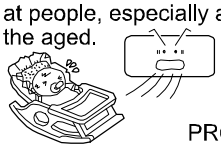


PROHIBITION

Do not start or stop the operation by disconnecting the power supply cord and so on.

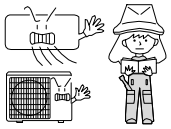
PROHIBITION

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



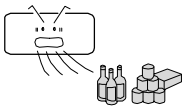
PROHIBITION

Do not try to repair or reconstruct by yourself.



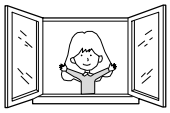
⚠ CAUTION

Do not use for the purpose of storage of food, art work, precise equipment, breeding , or cultivation.



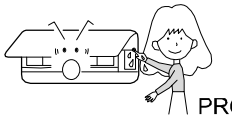
PROHIBITION

Take fresh air occasionally especially when gas appliance is running at the same time.



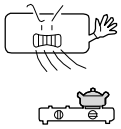
STRICT ENFORCEMENT

Do not operate the switch with wet hand.



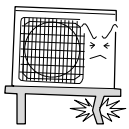
PROHIBITION

Do not install the unit near a fireplace or other heating apparatus.



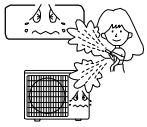
PROHIBITION

Check good condition of the installation stand.



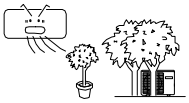
PROHIBITION

Do not pour water onto the unit for cleaning.



PROHIBITION

Do not place animals or plants in the direct path of the air flow.



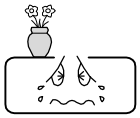
PROHIBITION

Do not place any objects on or climb on the unit.

PROHIBITION

Do not place flower vase or water containers on the top of the unit.

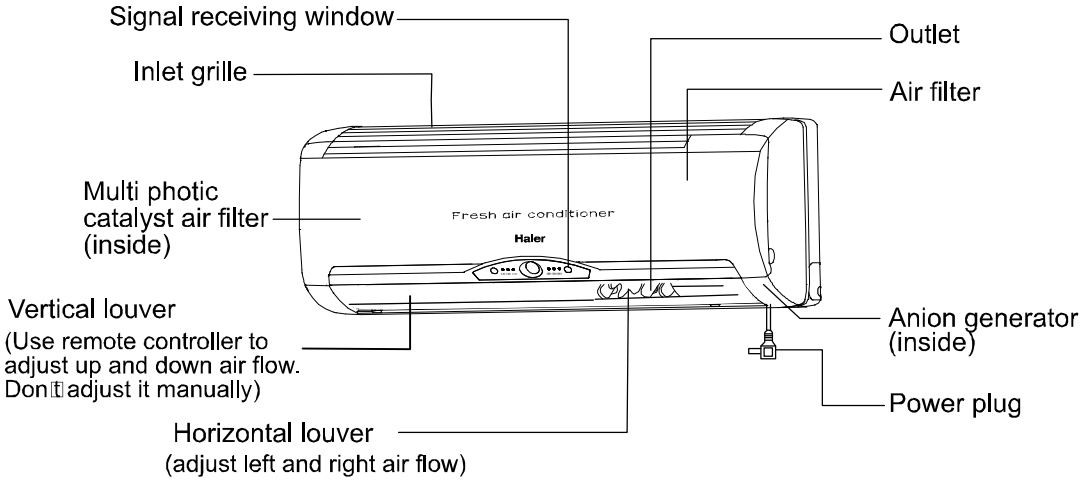
PROHIBITION



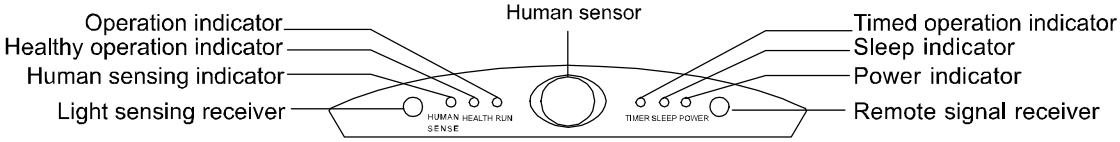
Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

Parts and Functions

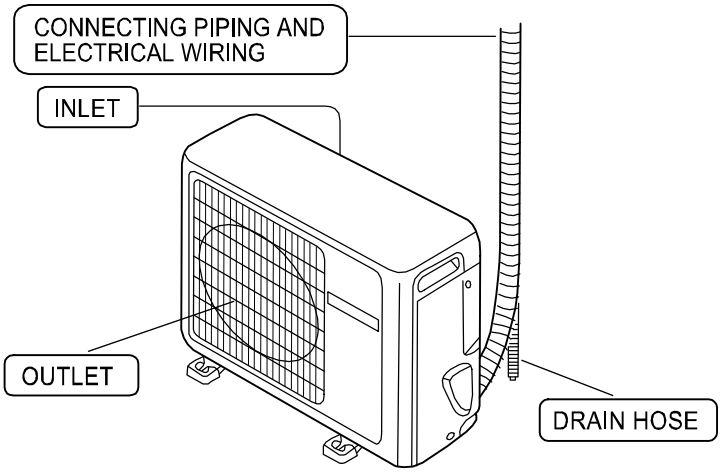
Indoor unit



Control panel

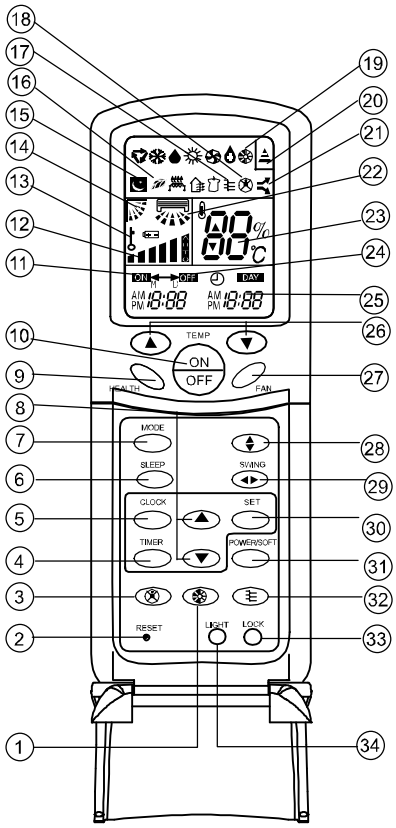


Outdoor unit



Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

Parts and Functions



1. button (light sensing)
It is to set light sensing function, which enables normal operation for strong indoor light (day) or sleep running mode for weak indoor light (night).

2.RESET
When the remote controller appears abnormal, use a sharp pointed article to press this button to reset the remote controller normal.

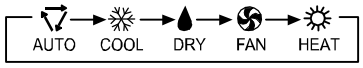
3. button
It is to set human sensing function, which automatically gets standby if detecting no human activity for continuously 20 min, and automatically starts running upon re-detecting human activity.

4.TIMER button
Used to select TIMER ON, TIMER OFF,TIMER ON-OFF

5.CLOCK button
Used to set correct time.

6.SLEEP button
Used to select sleep mode.

7.MODE button

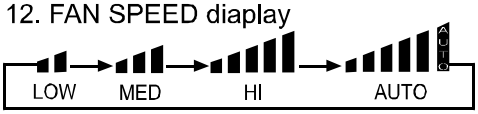


8.HOUR button
Used to set clock and timer setting

9.HEALTHY button
Used to set healthy operation.

10. ON/OFF button
Used for unit start and stop.

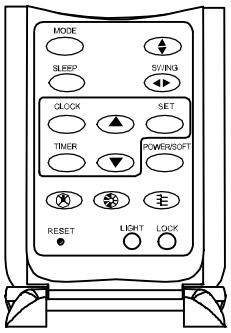
12. FAN SPEED diaplay



13. LOCK diaplay
14. SWING UP/DOWN diaplay
15. SLEEP diaplay
16. HEALTHY diaplay
17. diaplay
18. diaplay
19. diaplay
20.SIGNAL SENDING diaplay
21.POWER/SOFT diaplay
22.Left/right air flow display
23.TEMP display
Remote controller: to display the TEMP. setting
24. TIMER OFF display
25. CLOCK display
26.TEMP button
Used to select your desired temperature
27.FAN button
Used to select fan speed: LO,MED, HI, AUTO
28.SWING UP/DOWN button
Used to select up or down air sending direction.
29.SWING LEFT/RIGHT button
Used to select left/right air flow.
30.SET button
Used to confirm timer and clock settings.
31.POWER/SOFT button
32. button
Used to select nature air
33.LOCK
Used to lock buttons and LCD display. If pressed, the other buttons will be disabled and the lock condition display appears.
Press it once again, lock will be canceled and lock condition display disappears.
34. LIGHT display
It is to set light sensing function, which enables normal operation for strong indoor light (day) or sleep running mode for weak indoor light (night).

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

Parts and Functions



■ **Clock Set**

When unit is started for the first time and after replacing batteries in remote controller, clock should be adjusted as follows:

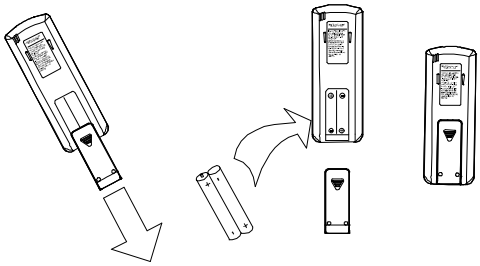
1. Press CLOCK button,"AM" or "PM" flashes.
2. Press △ or ▽ to set correct time. Each press will increase or decrease 1 min. If the button is kept depressed, time will change quickly.
3. After time setting is confirmed, press SET, "AM" or "PM" stop flashing, while clock starts working.

■ **Remote controller's operation**

- When in use, put the signal transmission head directly to the receiver hole on the indoor unit.
- The distance between the signal transmission head and the receiver hole should be within 7 m without any obstacle as well.
- Don't throw or knock the remoter controller.
- When electronic-started type fluorescent lamp or change-over type fluorescent lamp or wireless telephone is installed in the room, the receiver is apt to be disturbed in receiving the signals, so the distance to the indoor unit should be shorter.

■ **Loading of the battery**

Load the batteries as illustrated right.
2 R-03 (7#) batteries



Remove the battery cover:
Slightly press" ⊽ " area and push down the cover as illustrated.

Load the battery:
Be sure that the loading is in line with the "+" / "-" pole request as illustrated on the bottom of the case.

Put on the cover again.

Confirmation indicator:
After pressing power ON/OFF, if no display, reload the batteries.

Note:

- Full display or unclear display during operation indicates the batteries have been used up. Please change batteries.
- Used two new same-typed batteries when loading.
- If the remote controller can't run normally during operation, please remove the batteries and reload several minutes later.

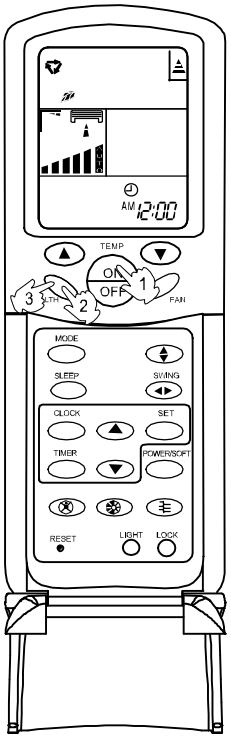
Hint:
Remove the batteries in case unit won't be in usage for a long period. If there are any display after taking-out, just need to press reset key.

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

Operation

HEALTH Operation

Remote Controller



1. Unit start

Press ON/OFF on the indoor unit,or press ON/OFF on the remote controller, unit starts.
Previous operation status appears on LCD display , and set the operation mode.

2. Select operation mode
Press HEALTH button. For each press, is displayed now the air copnditioner is operating the healthy function.

3. Unit stop
Press HEALTH button, the healthy function stops.

BRIEF INTRODUCTION TO HEALTH OPERATION
The anion generator in the air conditioner can generate a lot of anion to effectively balance the quantity of position and anion in the air and also to kill bacteria and speed up the dust sediment in the room and finally clean the air in the room.

Note

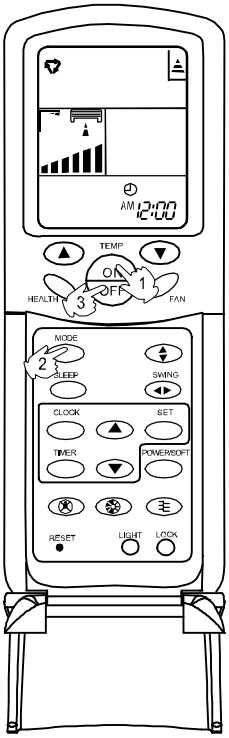
When the fan in the indoor unit does not work, the health lamp lights up, but the anion generator does not release anion.

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

Operation

AUTO Operation

Remote Controller

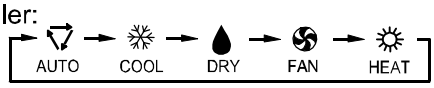


1. Unit start

Press ON/OFF on the indoor unit,or press ON/OFF on the remote controller, unit starts.
Previous operation status appears on LCD display , and set the operation mode.

2. Select operation mode
Press MODE button. For each press, operation mode changes as follows:

Remote controller:



Then Select AUTO operation

3. Unit stop
Press ON/OFF button, the unit stops.

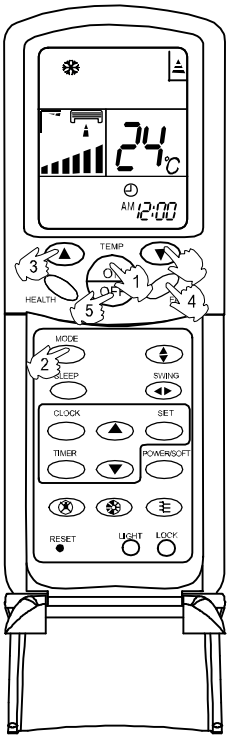
About AUTO mode
In AUTO run mode, the air conditioner will automatically select cooling or heating operation mode according to room temperature.

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

Operation

COOL Operation

Remote Controller



1. Unit start

Press ON/OFF on the indoor unit,or press ON/OFF on the remote controller, unit starts.

Previous operation status appears on LCD display.

2. Select operation mode

Press MODE button. For each press, operation mode changes as follows:

Remote controller:

Then | Select COOL operation. |

3. Select temp. setting

Press TEMP. button.

△ Every time the button is pressed, temp. setting increases 1℃ , if kept depressed, it will increase rapidly.

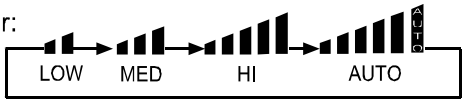
▽ Every time the button is pressed, temp. setting decreases 1℃ , if kept depressed, it will decrease rapidly.

Select a desired temperature.

4. Fan speed selection

Press FAN button. For each press, fan speed changes as follows:

Remote controller:



When FAN is set to AUTO, the air conditioner automatically adjusts the fan speed according to room temperature.

5. Unit stop

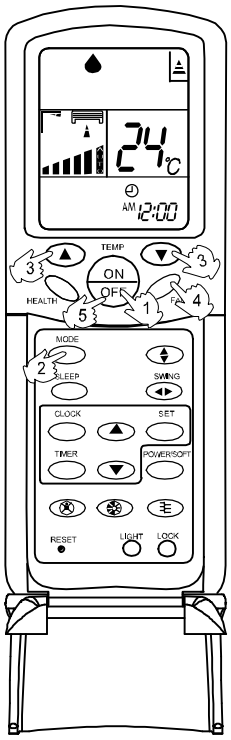
Press ON/OFF button, the unit stops.

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

Operation

DRY Operation

Remote Controller



1. Unit start

Press ON/OFF button on the indoor unit or press ON/OFF on the remote controller, unit starts.
Previous operation status appears on LCD display .

2. Select operation mode

Press MODE button. For each press, operation mode changes as follows:

Remote controller: AUTO → COOL → DRY → FAN → HEAT

Conrol panel:

Then | Select DRY operation. |

3. Select temp. setting

Press TEMP. button.

△ Every time the button is pressed, temp. setting increases 1°C , if kept depressed, it will increase rapidly.

▽ Every time the button is pressed, temp. setting decreases 1°C , if kept depressed, it will decrease rapidly.

Select a desired temperature.

4. Fan speed selection

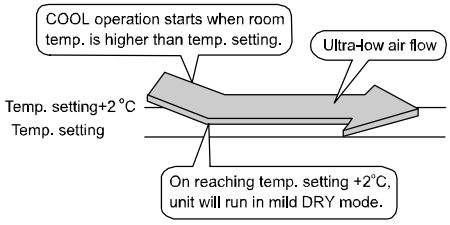
Press FAN button. For each press, fan speed changes as follows:

Remote controller: LOW → MED → HI → AUTO

In DRY mode, when room temperature becomes 2°C higher than temp. setting, unit will intermittently at LO speed regardless of FAN setting.

5. Unit stop

Press ON/OFF button, the unit stops.

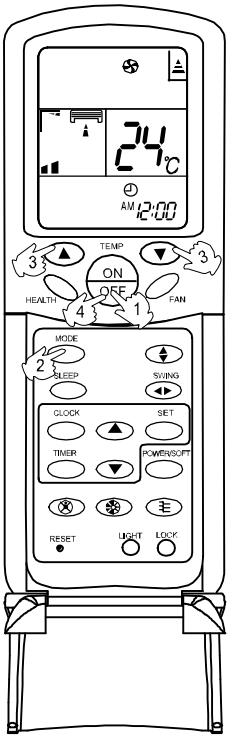


Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

Operation

FAN Operation

Remote Controller



1. Unit start

Press ON/OFF button on the indoor unit or press ON/OFF on the remote controller, unit starts.

Previous operation status appears on LCD display (no timer and sleep).

2. Select operation mode

Press MODE button. For each press, operation mode changes as follows:

Remote controller: → AUTO → COOL → DRY → FAN → HEAT

Then | Select FAN operation. |

3. Fan speed selection

Press FAN button. For each press, fan speed changes as follows:

Remote controller: LOW → MED → HI

4. Unit stop

Press ON/OFF button, the unit stops.

About FAN operation

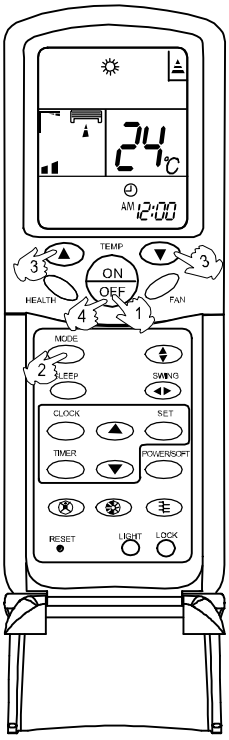
In FAN operation mode, the unit will not operate in COOL or HEAT mode but only in FAN mode. AUTO is not available in FAN mode. And temp.setting is disabled. In FAN mode,SLEEP operation is not available.

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

Operation

HEAT Operation

Remote Controller



1. Unit start

Press ON/OFF button on the indoor unit or press ON/OFF on the remote controller, unit starts.

Previous operation status appears on LCD display (no timer and sleep).

2. Select operation mode

Press MODE button. For each press, operation mode changes as follows:

Remote controller: AUTO → COOL → DRY → FAN → HEAT

Then | Select HEAT operation. |

3. Select temp. setting

Press TEMP. button.

△ Every time the button is pressed, temp. setting increases 1°C , if kept depressed, it will increases rapidly.

▽ Every time the button is pressed, temp. setting decreases 1°C , if kept depressed, it will decreases rapidly.

Select a desired temperature.

Control panel displays the temperature setting and will change into room temperature after 3 times flashing.

4. Fan speed selection

Press FAN button. For each press, fan speed changes as follows:

Remote controller: LOW → MED → HI → AUTO

Control panel: see P18. The central blade keeps rotating.

The Unit will operate at the indicated fan speed.

In HEAT mode, warm air will blow out after a short period of the time due to cold-draft prevention function.

5. Unit stop

Press ON/OFF button, the unit stops.

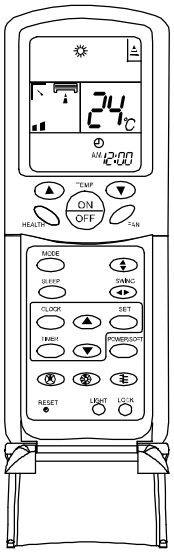
Regarding the ambient temperature display during the heating operation

In defrosting,the indoor temperature value displayed may be reduced due to the dropping of cooling air of the evaporator of indoor unit under cooling mode.It is normal phenomenon.

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

Air Flow Direction Adjustment

1. Status display of air sending direction



Vertical flap

Pos. 1

Pos. 2

Pos. 3

Pos. 4

Pos. 5 [COOL/DRY/FAN /AUTO(COOL)NONE]

Pos. 6 (Auto swing)

Horizontal louvers

Pos. 1

Pos. 2

Pos.3

Pos. 4

Pos. 5

Pos. 6

Pos. 7

Pos. 8

2. Up and down air flow direction

For each press of button, air flow direction on remote controller or on the control panel displays as follows according to different operation modes:

CCOL/DRY/FAN:

remote controller: → pos. 1 → pos.2 → pos. 3 → pos. 4 → pos. 6

HEAT:

remote conreoller: → pos. 5 → pos.4 → pos.3 → pos.2 → pos.1 → pos. 6

AUTO:

remote controller: → pos. 1 → pos. 2 → pos. 3 → pos. 4 → pos.5 → pos. 6

The vertical flap will swing according to the above positions.

3. Left and right air flow direction

For each press of button, remote controller displays as follows:

remote controller: → pos. 1 → pos. 2 → pos. 3 → pos. 4 → pos. 5 → pos. 6 → pos. 7 → pos. 8

The horizontal louvers will swing according to the above positions.

4. Note: When restart after remote turning off, the remote controller will automatically memorize the previous set swing position.

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

Operation

SLEEP Operation

Before going to bed, you can simply press the SLEEP button and unit will operate in SLEEP mode and bring you a sound sleep.

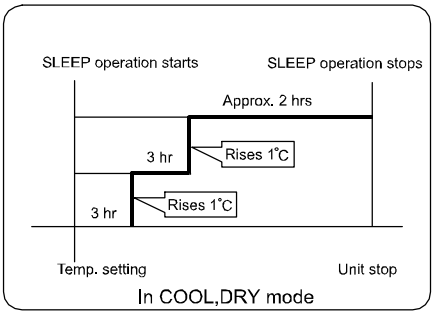
Use of SLEEP function

After the unit starts, set the operation status, then press SLEEP button before which the clock must be adjusted and time being set.

Operation Mode

1. In COOL,DRY mode

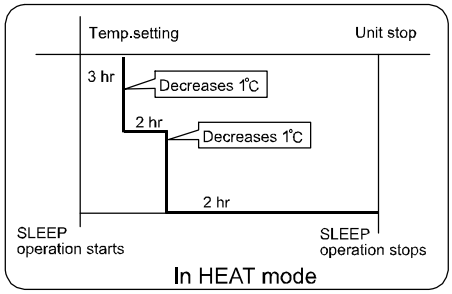
3 hours after SLEEP mode starts, temp. will become 1°C higher than temp. setting. After another 3 hours, temp. rises by 1°C further. The unit will run for further 2 hours then stops. Temp. is higher than temp. setting so that room temperature won't be too low for your sleep.



In COOL,DRY mode

2. In HEAT mode

1 hours after SLEEP mode starts, temp. will become 1°C lower than temp. setting. After another 3 hours, temp. decrease by 1°C further. The unit will run for further 2 hours then stops. Temp. is lower than temp. setting so that room temperature won't be too high for your sleep.



In HEAT mode

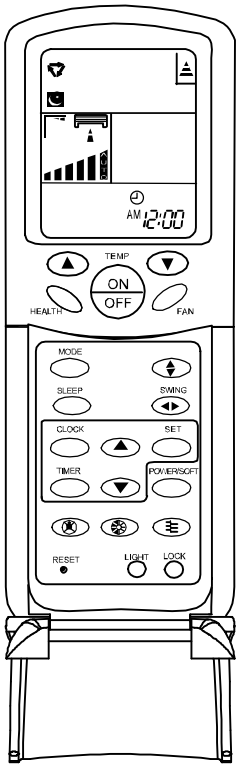
3. In AUTO mode

The unit operates in corresponding sleep SLEEP mode adapted to the automatically selected operation mode.

4.In FAN mode

It has no SLEEP function.

Remote Controller

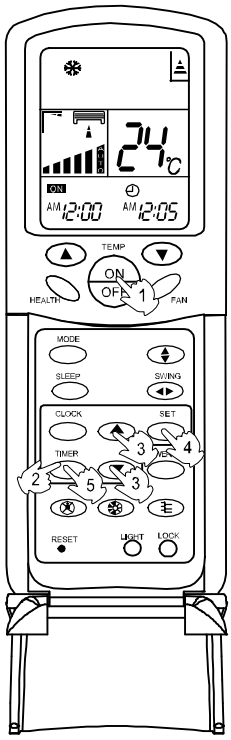


Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

Operation

Timer On/Off Operation

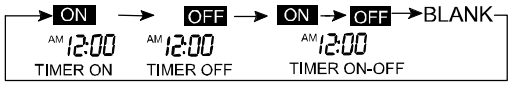
Remote Controller



Set clock correctly before starting TIMER operation.

1. After unit starts, select your desired operation mode.
Operation mode will be displayed on LCD.

2. Timer mode selection
Press TIMER button to change TIMER mode. Every time the button is pressed, display changes as follows:
Remote controller:



Then select your desired TIMER mode (TIMER ON or TIMER OFF). ON or OFF will flash.

3. Time setting
Press HOUR △/ ▽ button.
△ Every time the button is pressed, time setting increases 1min, if kept depressed, it will increase rapidly.
▽ Every time the button is pressed, time setting decreases 1min, if kept depressed, it will decrease rapidlly.
It can be adjusted within 24 hours.

4. Confirming your setting
After setting correct time, press SET button to confirm.
ON or OFF on the remote controller stops flashing.
Time displayed: Unit starts or stops at x hour x min.
(TIMER ON or TIMER OFF).

5. Cancel TIMER mode
Just press TIMER button several times until TIMER mode disappears.

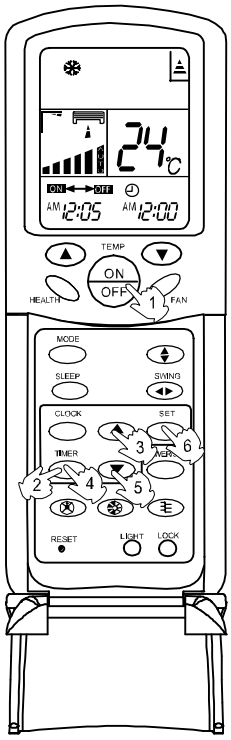
Hints:
After replacing batteries or a power failure happens, time setting should be reset.
Remote controller possesses memory function, when use TIMER mode next time, just press
SET button after mode selecting if time setting is the same as previous one.

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

Operation

TIMER On-Off Operation

Remote Controller



Set clock correctly before starting TIMER operation.

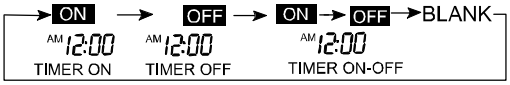
1. After unit starts, select your desired operation mode.

Operation mode will be displayed on LCD.

2. Timer mode selection

Press TIMER button to change TIMER mode. Every time the button is pressed, display changes as follows:

Remote controller:



Then select your desired TIMER mode (TIMER ON or TIMER OFF). " ON " will flash.

3. Time setting

Press HOUR △ / ▽ button.

△ Every time the button is pressed, time setting increases 1min, if kept depressed, it will increase rapidly.

▽ Every time the button is pressed, time setting decreases 1min, if kept depressed, it will decrease rapidlly.

It can be adjusted within 24 hours.

4. Time confirming for TIMER ON

After setting correct time, press SET button to confirm.

" ON " on the remote controller stops flashing.

" OFF " starts flashing.

Time displayed: Unit starts or stops at x hour x min.

5. Time setting for TIMER OFF

Just press HOUR button, follow the same procedure in "Time setting for TIMER ON ".

6. Time confirming for TIMER OFF

After time setting, press SET button to confirm.

" OFF " on the remote controller stops blinking.

Time displayed: Unit stops at X hour X min.

To cancel TIMER mode

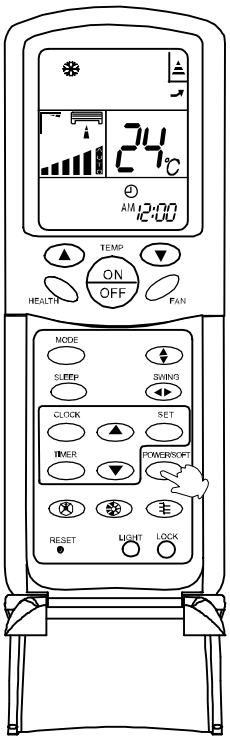
Just press TIMER button several times until TIMER mode disappears.

According to the Time setting sequence of TIMER ON or TIMER OFF, either Start-Stop or Stop-Start can be achieved.

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

Operation

POWER/SOFT Operation



POWER Operation

When you need rapid heating or cooling, you can use this function.

Selecting of POWER operation
Press POWER/SOFT button. Every time the button is pressed,display changes as follows:

→ ↗ → ↘ → BLANK
POWER SOFT

Stop the display at " ↗ ".

In POWER operation status:
In HEAT or COOL mode, fan speed automatically runs in HI mode for 15 min then returns to original status setting.

To cancel POWER operation
Press POWER/SOFT button twice, POWER/SOFT disappears.

SOFT Operation

You can use this function when silence is needed for rest or reading.

Selecting of SOFT operation
Press POWER/SOFT button. Every time the button is pressed, display changes as follows:

→ ↗ → ↘ → BLANK
POWER SOFT

Stop the display at " ↘ ".

In SOFT operation mode, fan speed automatically takes "LO".

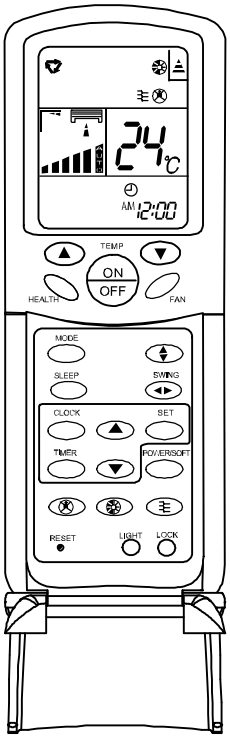
To cancel SOFT operation
Press POWER/SOFT button once, HI/SOFT disappears.

Hints:

During POWER operation, in rapid HEAT or COOL mode, the room will show inhomogeneous temperature distribution.
Long period SOFT operation will cause effect of not too cool or not too warm.

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

Operation



1.Unit start

After switching on and setting running mode, the LCD screen will display the operating conditions.

2.Selecting natural air function

Press key, the remote controller displays a symbol of and natural air function actuates. Press key again to cancel the displayed symbol of and the natural air function. After selecting natural air function, fan speed and left/right air direction are set as AUTO whereas after cancellation thereof, fan speed automatically resumes the status before selecting natural air function. After actuating natural air function, pressing STRONG/SOFT key will enable strong/soft running, and the remote controller displays strong/soft symbol, natural air symbol disappears and natural air function is cancelled. When strong/soft running is exited, it resumes to natural air mode. In the strong/soft mode, key is disabled.

3.Selecting human sensing function

Press key, the remote controller displays symbol and human sensing function starts; pressing this key once more will get the symbol disappear and human sensing function cancelled. After selecting human sensing function, if setting sleep mode, human sensing function will automatically cancels, and doesn't resume upon sleep mode is removed. During sleep mode, human sensing function is disabled.

4.Selecting light sensing function

Press key, the remote controller displays symbol and light sensing function starts; pressing this key once more will get the symbol disappear and light sensing function cancelled.

Light sensing function could be set in every running mode (excluding FAN mode) and reserved during mode changing, except that light sensing function will be automatically cancelled when changing to FAN mode and resume upon changing to other modes.

After selecting light sensing function, sleep function is unavailable; while in sleep mode, pressing key will cancel sleep function.

If restarting the unit after switching off, light sensing function needs re-setting.

5.Unit stop

Press ON/OFF key to turn off the unit.

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

Operation

About natural air function

Natural air means that the air conditioner runs with analog natural airflow and automatically changes air speed to avoid human discomfort due to long exposure to strong wind.

About human sensing function

Human sensing function is to detect indoor human activity with a human sensor. After human sensing is actuated, if the unit keep detecting no human activity for 20 min, it will automatically enters standby (monitor) status, during which the unit will automatically start and resume operation if sensing human activity.

About light sensing function

Light sensing function is to detect indoor light intensity with a photosensor. After setting light sensing function, if darkness is continuously detected for 2 min, the unit will automatically change to sleep mode; the main machine will remain current operation conditions if darkness remains after 8 hrs. Anytime brightness is detected for 10 min, the unit will quit sleep mode and resume operation conditions before sleep running. Light sensing and human sensing could be actuated simultaneously, while human sensing is unavailable during light sensing.

About intelligent operation

During intelligent operation, the indoor human activity or light intensity is sensed through an intelligent sensor (human sensor, photosensor), and the unit runs as follows according to the room conditions:

Human sensor	(sensed) persons		(sensed)no persons
Photosensor	(sensed) dark	(sensed) bright	
Room conditions	Night and with shading curtain	Day or night lamp lightness	
Running mode	Sleep → continue ten minutes; ← continue two minutes	Resume operation	→ continue twenty minutes; ← in twenty minutes; Standby

1. At high ambient temperature, the human sensor may detect inaccurately or invalidly due to thermal airflow.
2. Please notice that it'll enter sleep mode when turning off the room lamps, during which sleep running continues even if people leave the room.
3. If light sensing and human sensing are both selected, when the photosensor detects 'dark', the air conditioner won't change its running mode even the human sensor detects human activity.
4. The human sensor could detect animals such as dogs and cats as well as heat sources e.g. heaters and electric cookers.

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

Operation

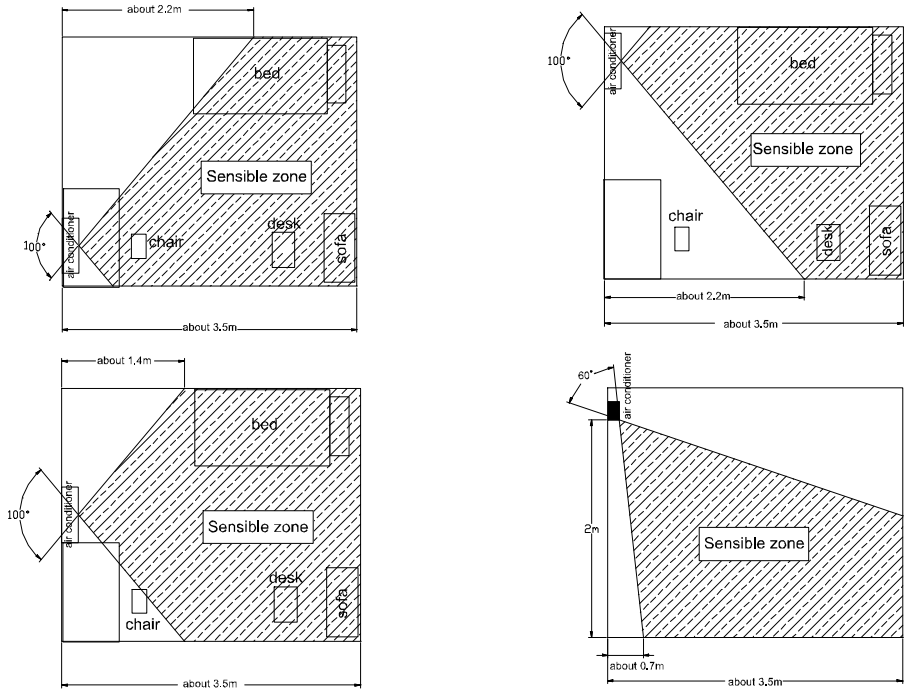
5.The human sensor could also detect strong electromagnetic waves such as radios and mob phones.
6.Do not place objects infrared rays couldn't penetrate within the human sensor's perception range.

Note: If intelligent operation doesn't meet your desire, e.g. slight human activity couldn't be sensed, it shall be cancelled.

About installing position of air conditioner (indoor unit) and sensible zone of human sensor:

The dashed area shown in the figure is the sensible zone and the blank area is the dead zone. (Taking a 12 m^2 room as example)

Horizontal direction as shown follows:



The horizontal zone where human activity could be detected by the human sensor is about 100°. Sensible zones differ according to installation position and room space. Please refer to installation examples to select installation position according to room design.

Vertical direction

As shown in the figure, the sensible zone in vertical direction crosses downward 60°. The sensing distance is 3.5-5 m.

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

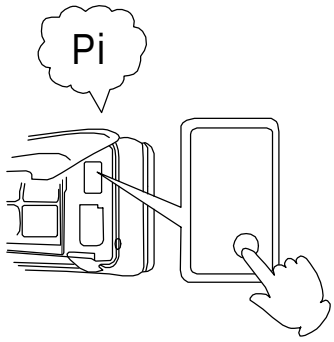
Operation

Emergency and Test Operation

Emergency operation:

- Use this operation only when the remote controller is defective or lost.
- When the emergency operation switch is pressed,the" Pi "sound is heard once, which means the start of this operation.
- In this operation , the system automatically selects the operation modes, cooling or heating , according to the room temperature , as follows .

Temperature	Operation mode	Designated temperature	Timer mode	Air flow
ABOVE 23°C	COOLING	26°C	NO	AUTOMATIC
BELOW 23°C	HEATING	23°C	NO	AUTOMATIC

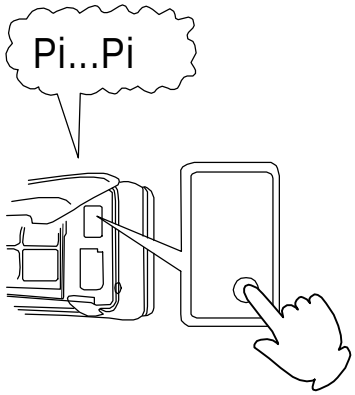


- It is not possible to operate in dry mode.

Test operation:

Test operation switch is the same as emergency switch.

- Use this switch in the test operation when the room temperature is below 16°C, do not use it in the normal operation.
- Continue to press the test operation switch for more than 5 seconds. After you hear the "Pi" sound twice, release your finger from the switch: the cooling operation starts with the air flow speed "Hi".
- After 30 minutes, test opretation ends automatically.



Removal of the restriction of emergency or test operation

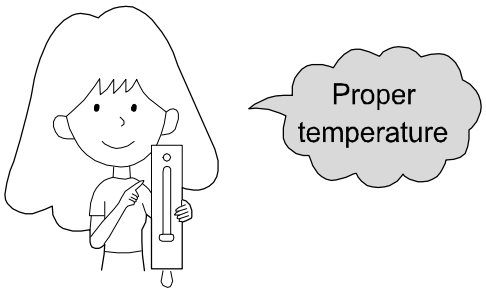
- Press the emergency operation switch once more, or manipulate through the remote controller; the "Pi" sound, the emergency or test operation is terminated.
- When the remote controller is manipulated, it gets the system back to the normaloperation mode.

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

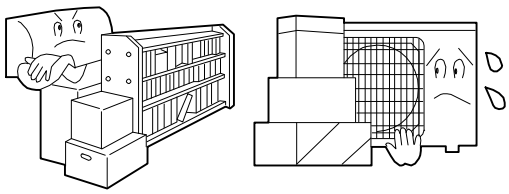
Maintenance

For Smart Use of The Air Conditioner

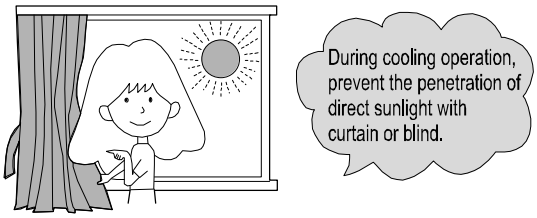
Setting of proper room temperature



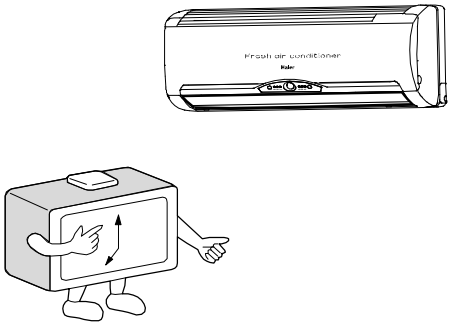
Do not block the air inlet or outlet



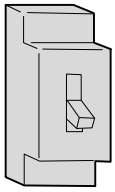
Close doors and windows during operation



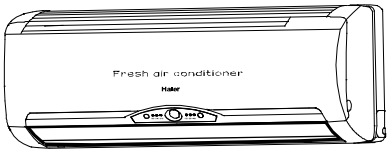
Use the timer effectively



If the unit is not to be used for a long time, turn off the power supply main switch.



Use the louvers effectively



Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

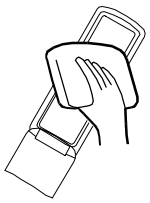
Maintenance

For Smart Use of The Air Conditioner

⚠ WARNING

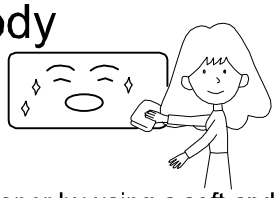
Before maintenance, be sure to turn off the system and the circuit breaker.

Remote Controller



Do not use water, wipe the controller with a dry cloth. Do not use glass cleaner or chemical cloth.

Indoor Body



Wipe the air conditioner by using a soft and dry cloth. For serious stains, use a neutral detergent diluted with water. Wring the water out of the cloth before wiping, then wipe off the detergent completely.

Do not use the following for cleaning

Gasoline,benzine, thinner or cleanser may damage the coating of the unit.

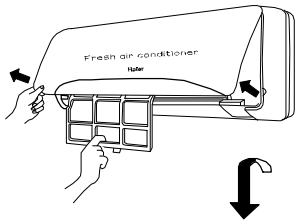
Hot water over 40°C (104°F) may cause discoloring or deformation.

Air Filter Cleaning

1 Open the inlet grille by pulling it upward.

2 Remove the filter.

Push up the filter's center tab slightly until it is released from the stopper,and remove the filter downward.

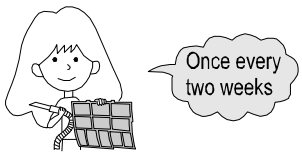


3 Clean the filter.

Use a vacuum cleaner to remove dust, or wash the filter with water. After washing,dry the filter completely in the shade.

4 Attach the filter.

Attach the filter correctly so that the "FRONT" indication is facing to the front.Make sure that the filter is completely fixed behind the stopper. If the right and left filters are not attached correctly,that may cause defects.



5 Close the inlet grille.

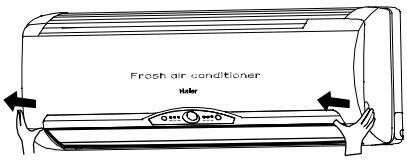
Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

Maintenance

Replacement of Air purifying Filter

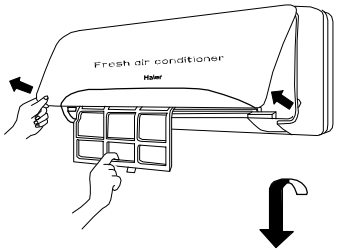
1.Open the Inlet Grille

Open the inlet grille by pushing each ends of the inlet grille upward. (use thumbs to push up).

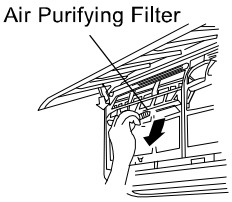


2.Detach the standard air filter

Slide the knob slightly upward to release the filter, then withdraw it.

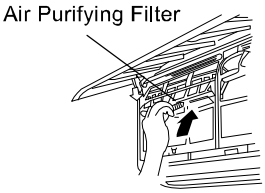


3.Detach the Air Purifying Filter



4.Attach new Air Purifying Filter

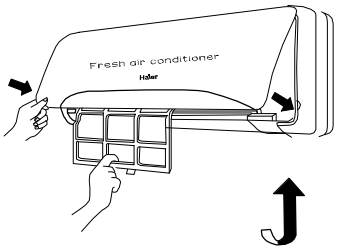
Attaching each of the Air Purifying Filter to the indoor unit as its white side faces to the front.



5.Attach the standard air filter as its front side faces to the front

6.Close the Inlet Grille

Close the Grille surely.



NOTE:

- Please replace the air Purifying Filter when color of the filter become same level of sample attached in the indoor unit.
- Please replace the Air Purifying Filter in 3-6 months as standard.
- Stuffed filter are not usable even washing. Please purchase new one at sales shop.

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

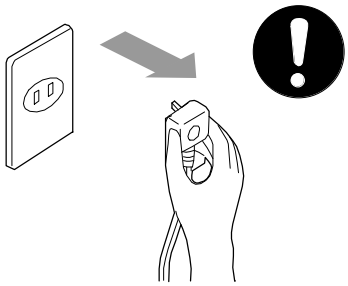
Maintenance

To Keep You Air conditioner in Good Condition after Season.

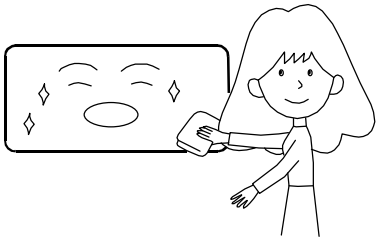
1 Operate in cooling mode for 2-3 hours.

To prevent breeding mold or bad smell, be sure to operate at the designated temperature of 30 C, cooling mode and High speed fan mode for 2-3 hours.

2 Put off the power supply cord.



3 Cleaning the body.



4 Take out the batteries from the wireless remote controller.

Все каталоги и инструкции здесь: http://splitoff.ru/tehn-doc.html

Maintenance

Before Setting in High Season

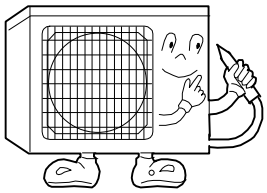
1 Cleaning the standard air filter.

Operation without filter may cause troubles. Be sure to attach both right and left filters prior to the operation. Each of them are of different shapes.

2 Connecting the earthing cable.

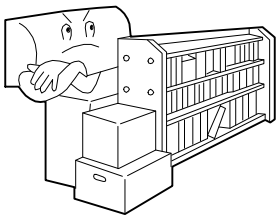
⚠ Caution

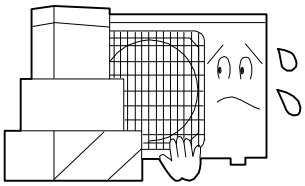
- Incomplete earthing may cause an electric shock.



EARTHING

3 Do not block the air inlet or outlet.





4 Plug-in

⚠ Caution

- After brush away dust at the plug, insert the plug of the power supply cord into the outlet completely. In case of using exclusive circuit breaker, switch on the circuit breaker.

NO WET HAND

Все каталоги и инструкции здесь:http://splitoff.ru/tehn-doc.html

Trouble shooting

Before asking for service, check the following first.

	Phenomenon	Cause or check points
Normal Performance inspection	The system does not restart immediately.	• When unit is stopped, it won't restart immediately until 3 minutes have elasped to protect the system. • When the electric plug is pulled out and reinserted, the protection circuit will work for 3 minutes to protect the air conditioner.
	Noise is heard:	• During unit operation or at stop, a swishing or gurgling noise may be heard. At first 2-3 minutes after unit start, this noise is more noticeable. (This noise is generated by refrigerant flowing in the system.) • During unit operation, a cracking noise may be heard. This noise is generated by the casing expanding or shrinking because of temperature changes. • Should there be a big noise from air flow in unit operation, air filter may be too dirty.
	Smells are generated.	• This is because the system circulates smells from the interior air such as the smell of furniture, cigarettes.
	Mist or steam are blown out.	• During COOL or DRY operation, indoor unit may blow out mist. This is due to the sudden cooling of indoor air.
Multiple check	Does not work at all.	• Is power plug inserted? • Is there a power failure? • Is fuse blown out?
	Poor cooling	• Is the air filter dirty? Normally it should be cleaned every 15 days. • Are there any obstacles before inlet and outlet? • Is temperature set correctly? • Are there some doors or windows left open? • Is there any direct sunlight through the window during the cooling operation?(Use curtain) • Are there too much heat sources or too many people in the room during cooling operation?

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Большая библиотека технической документации
http://splitoff.ru/tehn-doc.html
каталоги, инструкции, сервисные мануалы, схемы.