

SPLIT TYPE ROOM AIR CONDITIONER OPERATION MANUAL



HSU-09CK3W3N
 HSU-09CK6G2N
 HSU-09CK6B2N
 HSU-12CK3W3N
 HSU-12CKCS3N
 HSU-12CK6G2N
 HSU-12CK6B2N
 HSU-12CKAG3N
 HSU-12CKAB3N
 HSU-18CK3W3N
 HSU-18CK6B2N
 HSU-18CK6G2N
 HSU-18CKBS3N
 HSU-15CKBS5N
 HSU-18CKBS5N
 HSU-18CKAB3N
 HSU-18CKAG3N
 HSU-15CKAG5N
 HSU-18CKCS3N
 HSU-24CK6B2N
 HSU-13CXAS5N
 HSU-13CXAS3N
 HSU-13CXAR3N
 HSU-13CXBW3N
 HSU-19CXBW5N
 HSU-24CXAS3N
 HSU-19CXAS5N
 HSU-19CXAS3N

HSU-09LEK03-Y3
 HSU-12LEK03-Y3
 HSU-18LEK03-Y3
 HSU-24LEK03-Y2
 HSU-09LEK03/R2(DB)
 HSU-24LEK03/R2(DB)
 HSU-10LIN13
 HSU-09LTS14
 HSU-12LTS14
 HSU-18LTS14
 HSU-24LTS14
 HSU-07LEK03

HSU-10LQA13
 HSU-15LQA13
 HSU-10LQAB13
 HSU-15LQAB13
 HSU-09LQA03/R2(DB)
 HSU-12LQA03/R2(DB)
 HSU-09LQA13/R2(DB)-WT
 HSU-09LQA13/R2(DB)-BK
 HSU-12LQA13/R2(DB)-WT
 HSU-12LQA13/R2(DB)-BK
 HSU-12LEK03/R2(DB)
 HSU-18LEK03/R2(DB)
 HSM24HEK03/R2(DB)

AS12GS1ERA
 AS18GS1ERA
 AS12GB2LAA
 HSU-10VEK03
 HSU-13VEK03
 HSU-18VEK03
 HSU-24VEK03
 AS05GA1LAA
 AS09GA1LAA
 AS12GB1LAA
 AS18GD1LAA
 HSU-19CXAR3N
 HSU-19CXBW3N

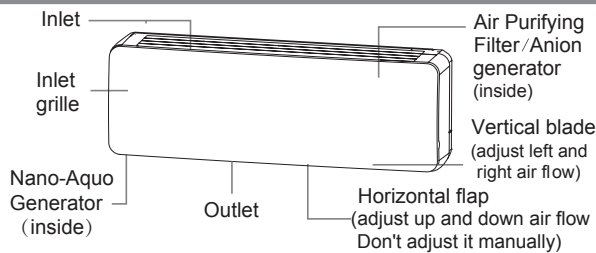
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Please read this operation manual before using the air conditioner.
Keep this operation manual for future reference.

Parts and Functions

Indoor Unit

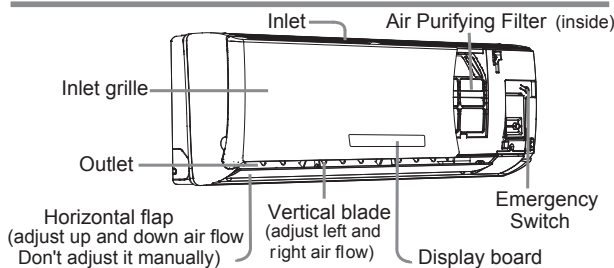


Display board



Display mode, the aureole display different colour when setting different function

COOL: blue FAN: yellow
 AUTO: white DRY: cyan Nano-Aquo : green



Display board



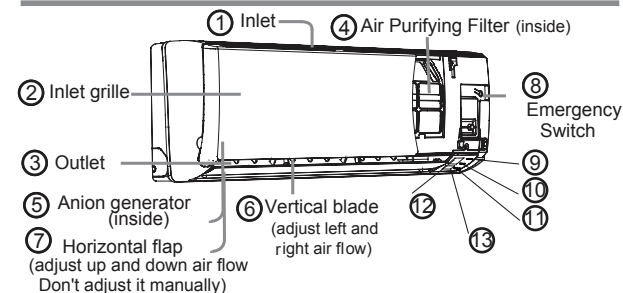
- 1 Signal receiver hole
- 2 ON/OFF display
- 3 Ambient temp. display

When receiving the remote control signal, display the set temperature and in the rest time the room temperature is displayed.

- 4 TIMER ON/OFF display
TIMER ON-OFF display
SLEEP display

Note to the power failure resume: press the sleep button ten times in five seconds and enter function after hearing four sounds. And press the sleep button ten times within five seconds and leave this function after hearing two sounds.

- 5 COOL/HEAT/DRY/AUTO display



- 9 Power indicator (Lights up when unit starts.)
- 10 Timer mode indicator (Lights up when Timer operation is selected.)
- 11 Operation mode indicator (lights up when the compressor is on.)

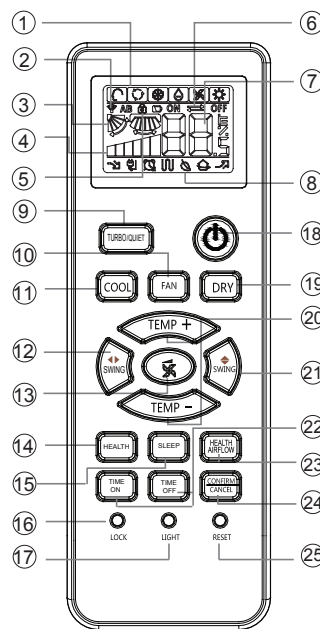
- 12 Remote signal receiver (A beeping sound is generated when a signal from remote controller is received.)

- 13 Ambient temp display

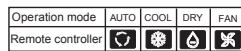
When receiving the remote control signal, display the set temperature and in the rest time the room temperature is displayed and this room temperature is only for reference.

Actual inlet grille may vary from the one shown in the manual according to the product purchased

Remote controller



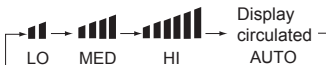
- 1. Mode display



- 2. Signal sending display

- 3. SWING display

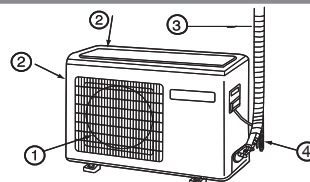
- 4. FAN SPEED display



- 5. LOCK display

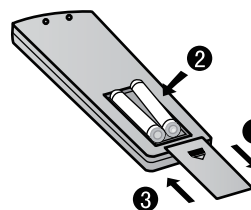
Healthy function is not available for some units.

Outdoor Unit



- 1 OUTLET
- 2 INLET
- 3 CONNECTING PIPING AND ELECTRICAL WIRING
- 4 DRAIN HOSE

Loading of the battery



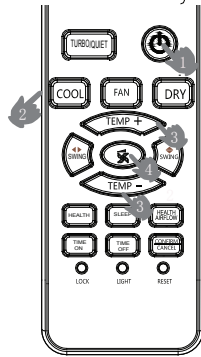
Note:

- The distance between the signal transmission head and the receiver hole should be within 7m without any obstacle as well.
- 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.
- Full display or unclear display during operation indicates the batteries have been used up. Please change batteries.
- If the remote controller can't run normally during operation, please remove the batteries and reload several minutes later.

Operation

Base Operation

Remote controller



1. Unit start

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

2. Select operation mode

COOL button: Cooling mode

FAN button: Fanning mode

DRY button: Dehumidify mode

3. Select temp. setting

Press TEMP+ / TEMP- button

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

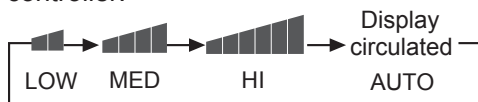
TEMP- Every time the button is pressed, temp. setting decrease 1°C, if kept depressed, it will decrease rapidly

Select a desired temperature.

4. Fan speed selection

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

Remote controller:



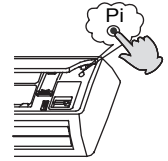
Air conditioner is running under displayed fan speed. When FAN is set to AUTO, the air conditioner automatically adjusts the fan speed according to room temperature.

Emergency operation and test operation

Emergency Operation:

- Use this operation only when the remote controller is defective or lost, and with function of emergency running, air conditioner can run automatically for a while.
- When the emergency operation switch is pressed, the "Pi" sound is heard once, which means the start of this operation.
- When power switch is turning on for the first time and emergency operation starts, the unit will run automatically in the following modes:

Room temperature	Designated temperature	Timer mode	Fan speed	Operation mode
Above 23°C	26°C	No	AUTO	COOL

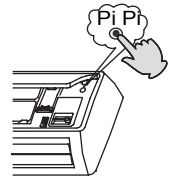


- It is impossible to change the settings of temp. and fan speed, it is also not possible to operate in timer or dry mode.

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".
- Under this operation mode, the fan motor of indoor unit will run in high speed.



Air Flow Direction Adjustment

1. Status display of air flow

Vertical flap

Pos.1  (Auto swing)

Initial state

Pos.2 No initial state displayed on remote controller, the vertical flap will be fixed on the current position

2. Left and right air flow adjustment

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

remote controller:







Cautions:

- When adjusting the flap by hand, turn off the unit.
- When humidity is high, condensate water might occur adjusted to left or at air outlet if all vertical louvers are right.
- It is advisable not to keep horizontal flap at downward position for a long time in COOL or DRY mode, otherwise, condensate water might occur.

Note:

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

Operation Mode	Remote Controller	Note
AUTO		Under the mode of auto operation, air conditioner will automatically select Cool or Heat operation according to room temperature. When FAN is set to AUTO the air conditioner automatically adjusts the fan speed according to room temperature.
COOL		according to room temperature.
DRY		In DRY mode, when room temperature becomes lower than temp. setting + 2°C, unit will run intermittently at LOW speed regardless of FAN setting.
FAN		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.

Operation

■ Sleep Operation

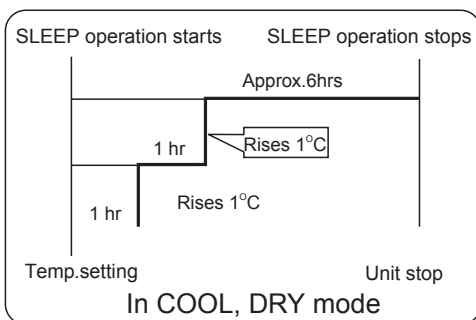
Before going to bed, you can simply press the SLEEP button and unit will operate in SLEEP mode and bring you a sound sleep.



Operation Mode

1. In COOL, DRY mode

1 hours after SLEEP mode starts, temp. will become 1°C higher than temp. setting. After another 1 hours, temp. rises by 1°C further. The unit will run for further 6 hours then stops. Temp. is higher than temp. setting so that room temperature won't be too low for your sleep.



2. In AUTO mode

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

3. In FAN mode

It has no SLEEP function.

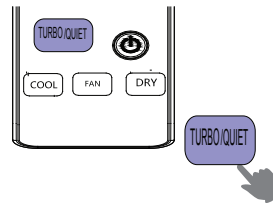
4. Set the wind speed change when sleeping

If the wind speed is high or middle before setting for the sleep, set for lowering the wind speed after sleeping.
If it is low wind, no change.

Note

When TIMER function is set, the sleeping function can't be set up. After the sleeping function is set up, if user resets TIMER function, the sleeping function will be cancelled; the machine will be in the state of timing-on.

■ TURBO/QUIET Operation



When you need fast cool or fast dehumidification, you can choose the Turbo function; when you sleep, read, you can choose Quiet function

Press the **TURBO/QUIET** button, you can switch the "Turbo" and "Quiet" function easily. Every press, the remote controller will switch as below



When running in Turbo, the fan speed is the highest, when running in Quiet, the fan speed is super slow

■ HEALTH Operation

Nano-Aqua generator adopt two high voltage pole to ionize the water molecule into nanometer water ion, and release these ions to the air to kill the bacterium and refresh the air. as well as the nanometer water ion can be easily absorbed by skin, keeping moisture anytime.

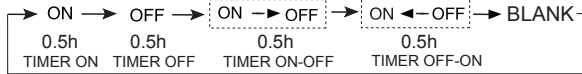
Operation

■ Timer On/Off On-Off Operation

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

2. 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 or TIMER ON-OFF). " ON "or " OFF "will flash.

3. Press ▼ / ▲ button to set time.

▲ Press the button for each time, setting time in the first 12 hours increased by 0.5 hour every time, after 12 hours, increased by 1 hour every time.

▼ Press the button for each time, setting time in the first 12 hours decreased by 0.5 hour every time, after 12 hours, decreased by 1 hour every time. It can be adjusted within 24 hours.

4. Confirm timer setting

After adjust the time, press  button and confirm the time ON or OFF button will not flash any more.

5. Cancel timer setting

Press the timer button by times until the time display eliminated.

Hints:

After replacing batteries or a power failure happens, time setting should be reset.

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

■ Health airflow Operation

1. Press  to starting

Setting the comfort work conditions.

2. The setting of healthy airflow function


Press button to select " Healthy airflow", the remote controller will switch as below



Notice: Do not direct the flap by hand. Otherwise, the grille will run incorrectly. If the grille is not run correctly, stop for a minute and then start, adjusting by remote controller.

Note:

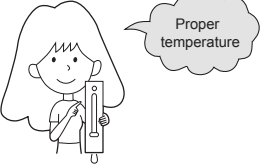
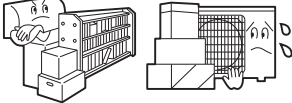


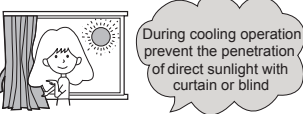
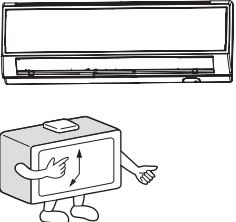





1. After setting the healthy airflow function, the position grill is fixed.

2. In cooling, it is better to select the  mode.


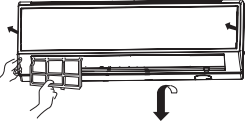


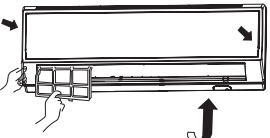
3. In cooling and dry using the air conditioner for a long time under the high air humidity, condensate water may occur at the grille .

Maintenance

For Smart Use of The Air Conditioner

<p>Setting of proper room temperature</p> 	<p>Do not block the air inlet or outlet</p> 	<p>Remote Controller</p>  <p>Do not use water, wipe the controller with a dry cloth. Do not use glass cleaner or chemical cloth.</p>	<p>Indoor Body</p>  <p>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.</p>
<p>Close doors and windows during operation</p> 	<p>Use the timer effectively</p> 	<p>Do not use the following for cleaning</p>  <p>Gasoline, benzene, thinner or cleanser may damage the coating of the unit. Hot water over 40°C (104°F) may cause discoloring or deformation.</p>	
<p>If the unit is not to be used for a long time, turn off the power supply main switch.</p> 	<p>Use the louvers effectively</p> 	<p>Air Filter cleaning</p>  <ol style="list-style-type: none"> Open the inlet grille by pulling it upward. Remove the filter. Push up the filter's center tab slightly until it is released from the stopper, and remove the filter downward. 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. 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. Close the inlet grille. 	

Replacement of Air Purifying Filter

<p>1. Open the Inlet Grille Prop up the inlet grille by using a small device named grille-support which located in the right side of the indoor unit.</p>  <p>2. Detach the standard air filter Slide the knob slightly upward to release the filter, then withdraw it.</p>  <p>Detach old Air Purifying Filter</p>  <p>3. Attach Air Purifying Filter Put air purifying filter appliances into the right and left filter frames.</p> 	<p>4. Attach the standard air filter (Necessary installation)</p>  <p>ATTENTION: The white side of the photocatalyst air purifying filter face outside, and the black side face the unit. The green side of the bacteria-killing medium air purifying filter face outside, and the white side face the unit.</p> <p>5. Close the Inlet Grille Close the Grille surely</p> <p>NOTE:</p> <ul style="list-style-type: none"> The photocatalyst air purifying filter will be solarized in fixed time. In normal family, it will be solarized every 6 months. The bacteria-killing medium air purifying filter will be used for a long time, no need for replacement. But in the period of using them, you should remove the dust frequently by using vacuum cleaner or flapping them lightly, otherwise, its performance will be affected. Please keep the bacteria-killing medium air purifying filter in the cool and dry conditions avoid long time directly sunshine when you stop using it, or its ability of sterilization will be reduced.
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Cautions

⚠ 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.

⚠ WARNING

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

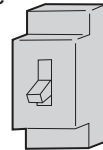


OFF



⚠
STRICT
ENFORCEMENT

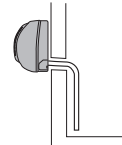
Use an exclusive power source with a circuit breaker



Check proper installation of the drainage securely



STRICT
ENFORCEMENT



Connect power supply cord to the outlet completely



STRICT
ENFORCEMENT

Use the proper voltage



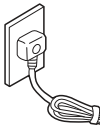
STRICT
ENFORCEMENT

1. Do not use power supply cord extended or connected in halfway
2. Do not install in the place where there is any possibility of inflammable gas leakage around the unit.
3. Do not get the unit exposed to vapor or oil steam.



PROHIBITION

Do not use power supply cord in a bundle.



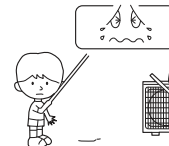
PROHIBITION

Take care not to damage the power supply cord.



PROHIBITION

Do not insert objects into the air inlet or outlet.



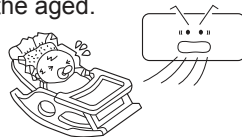
PROHIBITION

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



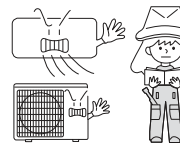
PROHIBITION

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

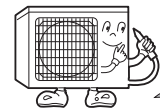


PROHIBITION

Do not try to repair or reconstruct by yourself.



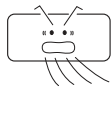
Connect the earth cable.



earthing

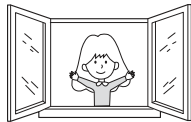
⚠ CAUTION

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



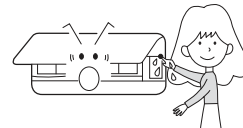
PROHIBITION

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



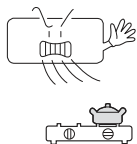
STRICT
ENFORCEMENT

Do not operate the switch with wet hand.



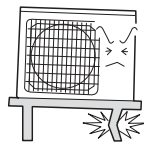
PROHIBITION

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



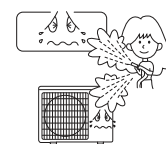
PROHIBITION

Check good condition of the installation stand



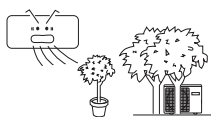
PROHIBITION

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.

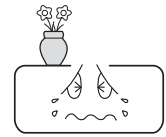


PROHIBITION

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








PROHIBITION



Trouble shooting

Before asking for service, check the following first.

	Phenomenon	Cause or check points
Normal Performance inspection	The system does not restart immediately. 	<ul style="list-style-type: none"> When unit is stopped, it won't restart immediately until 3 minutes have elapsed 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 	<ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> This is because the system circulates smells from the interior air such as the smell of furniture, paint, cigarettes.
	Mist or steam are blown out. 	<ul style="list-style-type: none"> During COOL or DRY operation, indoor unit may blow out mist. This is due to the sudden cooling of indoor air.
	In dry mode, fan speed can't be changed.	<ul style="list-style-type: none"> In DRY mode, when room temperature becomes lower than temp. setting+2 °C, unit will run intermittently at LOW speed regardless of FAN setting.
Multiple check		<ul style="list-style-type: none"> Is power plug inserted? Is there a power failure? Is fuse blownout?
	Poor cooling 	<ul style="list-style-type: none"> 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?

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 21°C/15°C
	Outdoor	Maximum: D.B/W.B 46°C/26°C Minimum: D.B 18°C

- If the power supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similar qualified person.
- 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 T.25A/250V
- The wiring method should be in line with the local wiring standard.
- After installation, the power plug should be easily reached.
- The waste battery should be disposed properly.
- The appliance is not intended for use by young children or infirm persons without supervision.
- Young children should be supervised to ensure that they do not play with the appliance.
- Please employ the proper power plug, which fit into the power supply cord.
- The power plug and connecting cable must have acquired the local attestation.
- In order to protect the units, please turn off the A/C first, and at least 30 seconds later, cutting off the power.

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