LG

LN-OM-06

Ducted Split Type Air Conditioner
OWNER'S MANUAL

- Please read carefully and thoroughly this manual before operating this unit.
- Contact the authorized SVC man for repair or maintenance of this unit.
- Contact the installer for installation of this unit.
- 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.

Prior to installation, t air-conditioning unit must be submi for approval by the utility service whi ovides electricity (EN 61000-3 No

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Safety precautions

To prevent injury to the user or other people and property damage, the following instructions must be followed.

■ Incorrect operation due to ignoring of instruction will cause harm or damage. The seriousness is classified by the following indications.

⚠ WARNING

This symbol indicates the possibility of death or serious injury.

⚠ CAUTION

This symbol indicates the possibility of injury or damage to properties only.

⚠ WARNING

■ **Do not install, remove and reinstall the unit by yourself.**
- Improper installation will cause water leakage, electrical shock, or fire. Please consult authorized dealer or specialist for the installation work. Please note fault caused by improper installation is not covered by warranty.
- Unit must be installed in an easily accessible area. Any additional cost required to hire a special equipment to service the unit will be the responsibility of the customer.

⚠ WARNING

- It will cause electrical shock or fire.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

- It may cause electrical shock.

- Otherwise, it will cause electrical shock or fire due to heat generation.

- It will cause electrical shock or fire due to heat generation.

- Since the fan rotates at high speed, this may cause an injury or damage the unit.

- This could damage your health.

- If the unit continues to be operated in an abnormal condition, it may cause a fire, trouble, etc. In this case, consult your dealer.

- If this is done in correctly, it may cause a fire, electric shock, injury by dropping of the unit, water leakage, etc. Consult your dealer.

CAUTION

- Contact the authorized Service technician for repair or maintenance of this unit.
- Contact the installer for installation of this unit.
- The air conditioner 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 air conditioner.

⚠ CAUTION



- Water may enter the unit and degrade the insulation. It may cause an electric shock.



- An oxygen shortage may occur.



- Since the fan rotates at high speed during operation, it may cause an injury.



- This could injure the pet or plant.



- It may cause a fire or deformation of the cabinet.



- The unit may drop or fall down and cause an injury.



- It may cause imperfect combustion.



- It may cause an injury.



- It may cause an injury through dropping or falling down.



- In the cooling mode, if it is operated in a room with high humidity (80%r.h. or more) for a long time, water condensed in the air conditioner may drop and may wet and spoil furniture, etc.



- It may case an injury, etc. by falling down.



- Do not use this air conditioner to preserve precision devices, food, animal, plants and art objects.
  It may cause deterioration of quality, etc.



- If will cause electrical shock or fire.



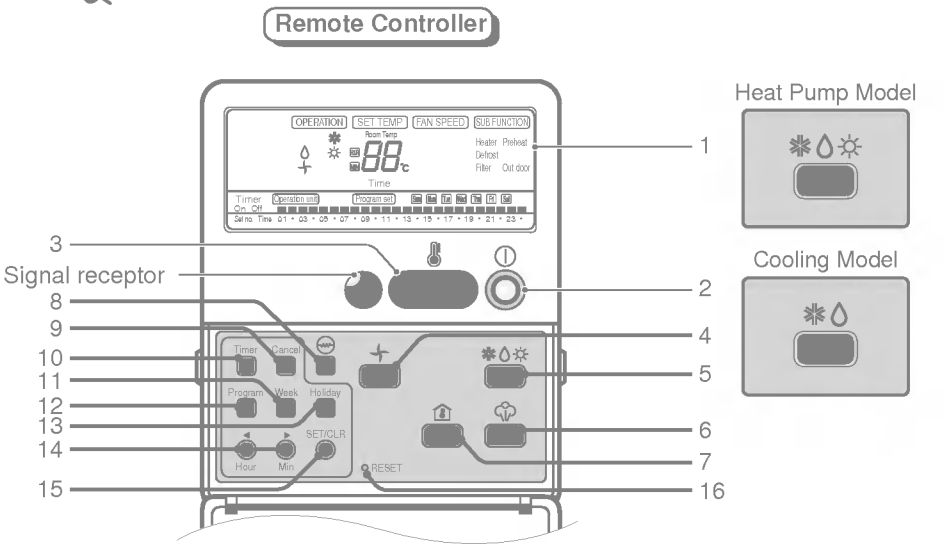
- It may cause an injury.



- It will cause an injury by the rotating blower.

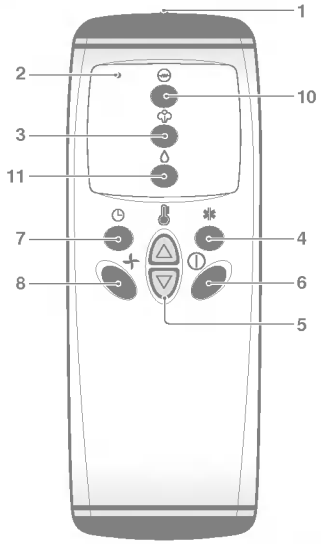
Operating Instructions

Name and Function of Remote Controller

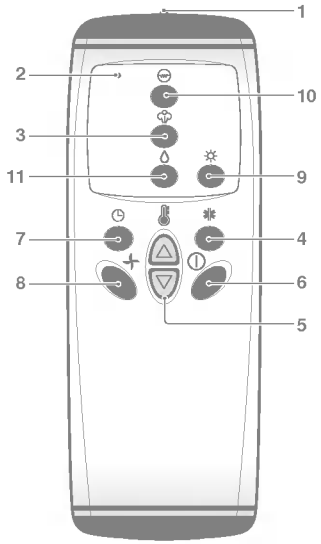


- **Operation display**
  Displays the operation conditions.
- **On/Off Button**
  Operation starts when this button is pressed, and stops when the button is pressed again.
- **Set Temperature Button**
  Used to set the temperature when the desired temperature is obtained.
- **FAN Operation Button**
  Used to circulate room air without cooling or heating.
- **Operation Mode Selection Button**
  Used to select the operation mode.
  - Cooling Operation Mode
  - Soft Dry Operation Mode
  - Heating Operation Mode(except cooling model)
- **Humidify Button**
- **Room Temperature Checking Button**
  Used to check the room temperature.
- **Heater Button**
- **Timer Cancel Button**
  Used to cancel the timer.
- **Timer Set Button**
  Used to set the timer when the desired time is obtained.
- **Week Button**
  Used to set a day of the week.
- **Program Button**
  Used to set the weekly timer.
- **Holiday Button**
  Used to set a holiday of the week.
- **Time Set Button**
  Used to set the time of the day and change the time in the weekly timer Function.
- **Set and Clear Button**
  Used to set and clear the weekly timer.
- **Reset Button**
  Used to set the current time and clear the setting time.

Wireless Remote Controller (optional)



(Cooling Model)



(Heat pump Model)

Signal Transmitter
- Transmits the signals to the package air conditioner

Operation Display of the Remote Control

Humidify Button

Cooling ON Button

Temperature Setting Buttons

Power ON/OFF Button
- Operation will start when this button is pressed, and stop when the button is pressed again.

Timer Set Button
- Each time the button is pressed, the mode is changed in the following process.
  Timer set (1, 2, 3, 4, 5, 6, 7 hours)
  If you select "0:00" the off Timer function will be canceled.

Indoor Fan Operation Button

Heating Button (Heat Pump Model Only)

Electric Heater ON/OFF Button(Optional)

Soft Dry Operation Button

Wireless Remote Control Puts all functions at your fingertips

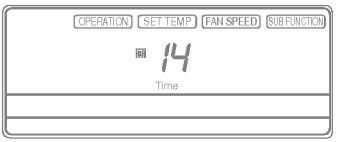
Handling the remote control
- Aim at the signal receptor on the package air conditioner when operating.
- The remote control signal can be received at a distance of up to about 7meters.
- Be sure that there are no obstructions between the remote control and the signal receptor.
- Do not drop or throw the remote control.
- Do not place the remote control in a location exposed to direct sunlight, or next to a heating unit, or other heat source.

Set the Current Time and a day of the Week

1 Press the ' Hour ' button.

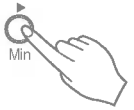
Each time the button is pressed, the number is changed from **00** to **23**.
You can set the number of the current hour.

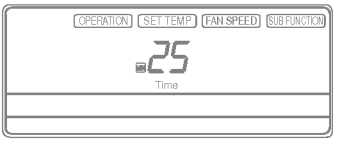




2 Press the ' Min ' button.

Each time the button is pressed, the number is increased from **00** to **59**.
You can set the number of the current minute.





3 Press ' Week ' button.

Each time the button is pressed, a day of the week is shifted from sunday to saturday.
You can set the day of the week.

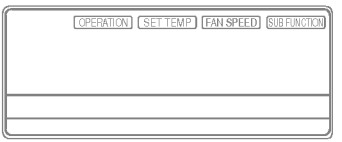




4 Press the ' ● RESET ' button.

If you want to reset the current time and a day of the week, click the Reset button.



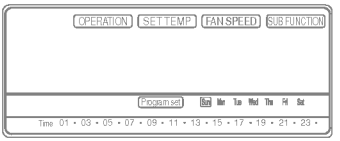


Weekly Programming

1 Press the Program button.

The remote controller is displayed like a picture. Then ' Program set ', ' Sat ' and '01' is blinked.



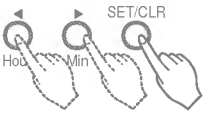


2 Press the ' Week ' button.

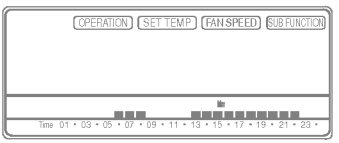
Select Monday.



3 Change the timer setting until the desired time is set.
After you select a time, push the SET/CLR button once or one more time.



For Example if the air-conditioner is turned on from 6 to 8 and from 13 to 22 and turned off at other time monday, display is as follows. (black bar indicates turn-on, white bar indicates turn-off.)



4 You can set turn on and turn off time by the day in a week as above.

Holiday Setting

If Tuesday is a holiday in this week, you may set a holiday.

1. Press the Program button.



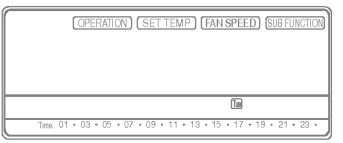
2. Press the Week button.
Select the Tuesday.



3. Press the Holiday button.



Then the remote controller will be displayed ' Tue '.
The outside rectangular means holiday.



Timer Setting(Delay start/Pre-set stop)

This function is used to turn on or turn off in several hours.

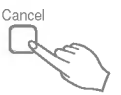
1. Press the Timer button
to turn Timer on or off.



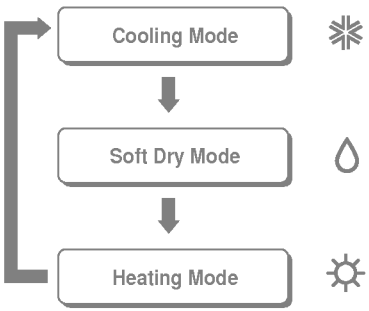
2. Change the timer setting until the desired time is set.



3. If you want to cancel the timer setting, press the Cancel button.

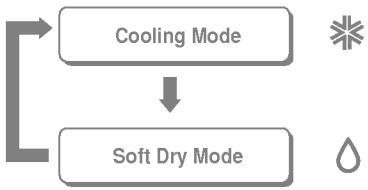


Operation Mode



Auto Mode

(Heat Pump Model)



Auto Mode

(Cooling Model)

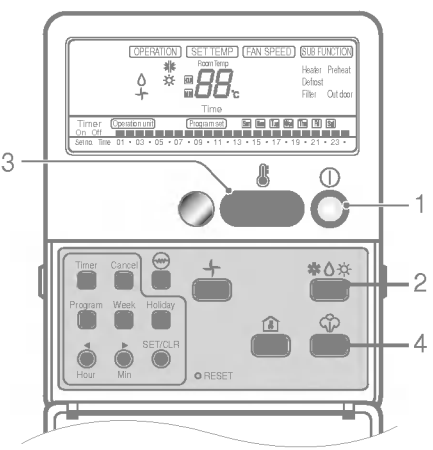
Operation Procedure

1st On/Off Button

2nd Operation Mode Selection Button

3rd Room Temperature Setting Button

4th Humidify Button



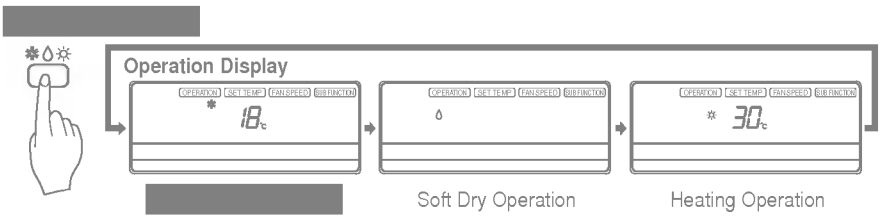
Cooling Operation Mode

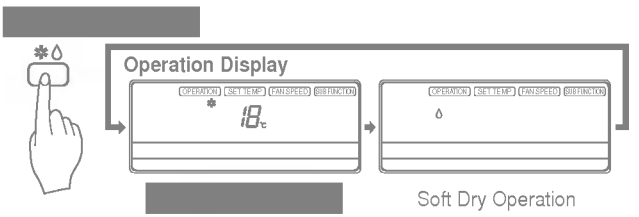
1 Press the On/Off Button.



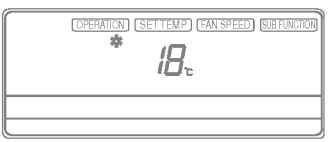
2 Select Cooling Operation.

Press the Operation Mode Selection Button.
Each time the button is pressed, the operation mode is shifted in the arrow direction.

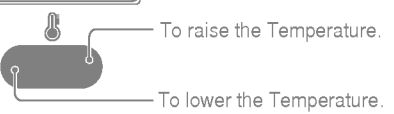




3 Set the temperature lower than the room temperature.



• The temperature can be set within a range of 18℃ ~ 30℃ by 1℃ .



2 Soft Dry Operation Mode

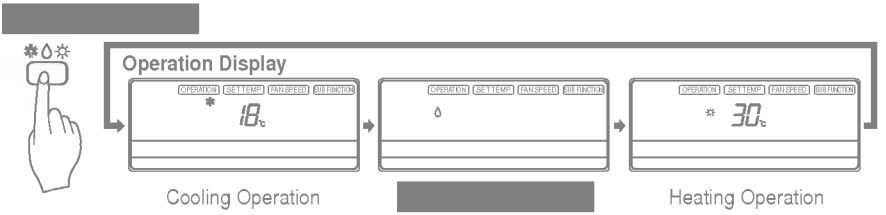
This mode dehumidifies without overcooling.

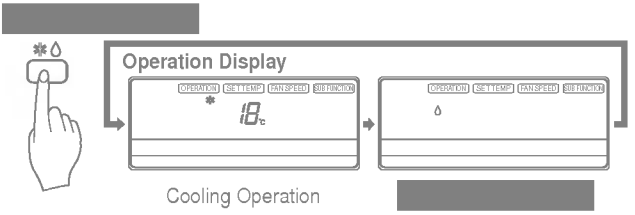
1 Press the On/Off Button.



2 Select Soft Dry Operation.

Press the operation Mode Selection Button.
Each time the button is pressed, the operation mode is shifted in the arrow direction.





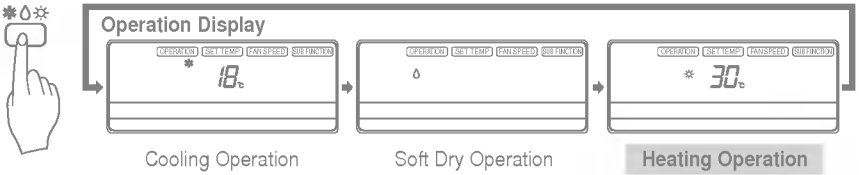
3 Heating Operation Mode (Heat pump model only)

1 Press the On/Off Button.

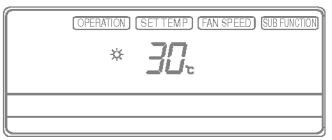


2 Select Heating Operation.

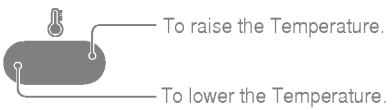
Press the Operation Mode Selection Button.
Each time the button is pressed, the operation mode is shifted in the arrow direction.



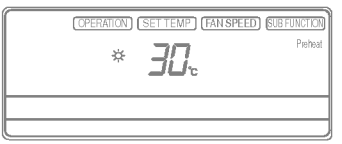
3 Set the temperature.



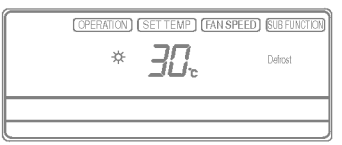
• The temperature can be set within a range of 16℃~30℃ by 1℃.



4 This air-conditioner is set to the hot start control in order not to discharge the cold air during the heating operation. This time, the remote controller indicates 'Preheat'.



5 If the outdoor temperature is too low during the heating operation, this air-conditioner is set to the defrosting operation and the remote controller indicates 'Defrost'.



Care and maintenance

Caution: Before performing any maintenance, turn off the main power to the system.

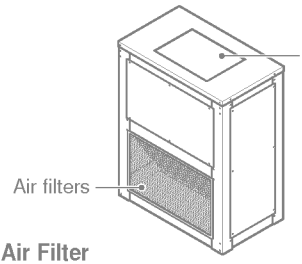
Indoor Unit

Grille, Case, and Remote Control

❑ Turn the system off before cleaning. To clean, wipe with a soft, dry cloth. Do not use bleach or abrasives.

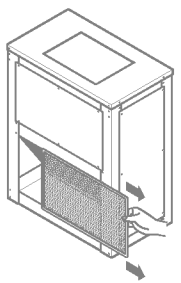
Note:

Supply power must be disconnected before cleaning the indoor unit.



Air Filter

The air filters behind Indoor unit (the suction side) should be checked and cleaned once every 2 weeks or more often if necessary.



❑ Never use any of the followings:

- Water hotter than 40℃
  Could cause deformation and/or discoloration.
- Volatile substances
  Could damage the surfaces of the air conditioner.



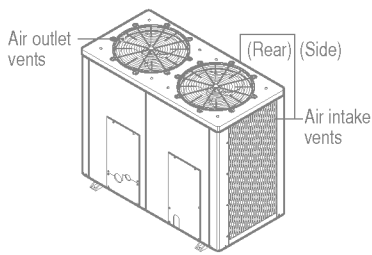
- Clean the filter with a vacuum or warm, soapy water.
  - If very dirty, wash with a solution of detergent in lukewarm water.
  - If hot water (50℃ or more) is used, filter may be deformed.
- After washing with water, dry well in the shade.
- Re-install the air filter.

Outdoor Unit

The heat exchanger coils and panel vents of the outdoor unit should be checked regularly. If clogged with dirt or soot, the heat exchanger and panel vents may be professionally steam cleaned.

Note:

Dirty or clogged coils will reduce the operating efficiency of the system and cause higher operating costs.



When the air conditioner is not going to be used for a long time.

1. Operate the air conditioner on Air circulation mode for 2 to 3 hours.
   - This will dry out the internal parts.
2. Turn off the circuit breaker.

⚠ CAUTION

Turn off the circuit breaker when the air conditioner is not going to be used for a long time.
Dirt may collect and may cause a fire.

■ **Check that the air inlet and outlet of the indoor/outdoor unit are not blocked.**

Helpful information

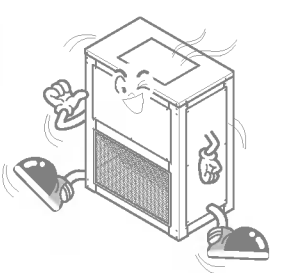
The air filters and your electiric bill.
If the air filters become clogged with dust, the cooling capacity will drop, and 6% of the electricity used to operate the air conditioner will be wasted.

Operation Tips

This is not good for the health and wastes electricity.

Do not let direct sunshine enter the room when the air conditioner is in operation.

Avoid opening doors and windows as much as possible to keep the cool air in the room.



Blockages in the air filter reduce the airflow and lower cooling and dehumidifying effects. Clean at least once every two weeks.

Since windows are kept closed, it is a good idea to open them and ventilate the room now and then.

Before you call for service...

Troubleshooting Tips! Save time and money!

Check the following points before requesting repairs or service.... If the malfunction persist, please contact your dealer.

			
• Have you made a mistake in timer operation? • Has the fuse blown or has the circuit breaker been tripped?	• Check that this is not a damp smell exuded by the walls, carpet, furniture or cloth items in the room.	• Condensation occurs when the airflow from the air conditioner cools the warm room air.	• This is the protector of the mechanism. • Wait about three minutes and operation will begin.
			
• Is the air filter dirty? See air filter cleaning instructions. • The room may have been very hot when the room air conditioner was first turned on. Allow time for it to cool down. • Has the setting temperature been set incorrectly? • Are the indoor unit's air inlet or outlet vents obstructed?	• For a noise that sounds like water flowing. -This is the sound of freon flowing inside the air conditioner unit. • For a noise that sounds like the compressed air releasing into atmosphere. -This is the sound of the dehumidifying water being processed inside the air conditioning unit.	• This sound is generated by the expansion/contraction of the inlet grille, etc. due to changes of temperature.	• Has the circuit breaker been tripped?



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