



**LN-OM-02**

e-mail <http://www.lge.com>

# 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.

**MODEL: LN-0320CC  
LN-0420CC  
LN-0520CC**

Prior to installation, the air-conditioning unit must be submitted for approval by the utility service which provides electricity (EN 61000-3 Nor...

P/No.: 3828A30037W

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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 an injury by the fan.



• It may cause an injury.



• It will cause electrical shock.



- It may cause an injury.
- Besure to disconnect all electric power before filter cleaning.



• If not, dirt may collect and cause a fire.



• If the unit continues to operate in an abnormal condition, it may cause fire, damage, etc. In this case, consult your dealer.



• If these are done incorrectly, it may cause a fire, electric shock, injury. Consult your dealer.

# Operating Instructions

Safety Precautions

Operating Instructions


Care and Maintenance

Troubleshooting Tips

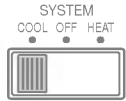


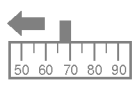
## Cooling Operation

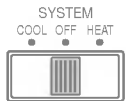
- 1 Move the FAN switch back to the "Auto" position.

  - With the "FAN" switch in the "ON" position, Indoor fan motor shall operate continuously regardless of system switch position.
- 2 Move the system switch to the "Cool" position.

This unit has "time delay PCB" so there is 3-minute(±45seconds) delay before compressor start.


- 3 Set the temperature lower than the room temperature.



- 4 Move the system switch to the "OFF" position in order to stop cooling operation.

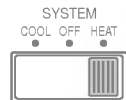


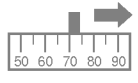


## Electric Heater Operation (Electric Heater is optional)

- 1 Move the FAN switch to the "Auto" position.

  - With the "FAN" switch in the "ON" position, Indoor fan motor shall operate continuously regardless of system switch position.
- 2 Move the system switch to the "Heat" position.


- 3 Set the temperature upper than the room temperature.


- 4 Move the system switch to the "OFF" position in order to stop heating operation.

## Care and Maintenance

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

You can do some of the periodic maintenance for your unit yourself; this includes, cleaning unit cabinet, clearing the condenser coil, and conducting a general unit inspection on a regular basis.

Before removing access panels to service unit, disconnect power supply. Failure to disconnect power before attempting any servicing can result in severe injury or death.

### Anti-Bacteria-Air Filters

**This product has anti-bacteria washable filters.** It is very important to keep air filters clean in the central duct system. Be sure to inspect them at least once each month when the system is in constant operation. (In new buildings, check the filters every week for the first 4 weeks.)

Washable type filters can be cleaned by washing with a mild detergent and water. Ensure that the filters are thoroughly dried before reinstalled them in the unit (or duct system).

### Condenser coil

Unfiltered air circulates through the unit's condenser coil and can cause the coil's surface to become clogged with dust, dirt, etc.. To clean the coil, vertically (i.e., along the fins) stroke the coil surface with a soft bristled brush.

Keep all vegetation away from the condenser coil area.

### Maintenance Performed by Serviceman-Cooling Season

To keep your unit operating safely and efficiently, the manufacturer recommends that a qualified serviceman check the entire system at least once each year, or more frequently if conditions warrant. Your serviceman may examine these areas of your unit:

1. Filter (for cleaning)
2. Motors and drive system components
3. Condenser coils (for cleaning)
4. Safety Controls (for mechanical cleaning)
5. Electrical components and wiring (for possible replacement or connection tightness)
6. Condensate drain (for cleaning)
7. Inspect the unit duct connections to ensure they are physically sound and sealed to the unit casing.
8. Inspect the unit mounting support to see that it is sound.
9. Inspect the unit to ensure there is no obvious deterioration.

### Maintenance Performed By Serviceman-Heating Season

Complete the unit inspections and service routines described below at the beginning of each heating season.

- Inspect the controller panel wiring to verify that all electrical connections are tight and that wire insulation is intact.

*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.

1 / Clean the air filter and re-install it in the indoor side.

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

### Helpful information

The air filters and your electric 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.

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

# Troubleshooting Tips



## Before You Call for Service

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

|   |   |   |
|---|---|---|
| <p><b>The air conditioner does not operate.</b></p> <ul style="list-style-type: none"> <li>• Has the fuse blown or has the circuit breaker been tripped?</li> </ul>                                       | <p><b>The room has a peculiar damp smell.</b></p> <ul style="list-style-type: none"> <li>• Check that this is not a damp smell exuded by the walls, carpet, furniture or cloth items in the room.</li> </ul>  | <p><b>Condensation occurs on the room wall.</b></p> <ul style="list-style-type: none"> <li>• Condensation occurs when the airflow from the air conditioner cools the warm room air.</li> </ul>              |
| <p><b>Air conditioner does not operate.</b></p> <ul style="list-style-type: none"> <li>• This is the protector of the mechanism.</li> <li>• Wait about three minutes and operation will begin.</li> </ul> | <p><b>Do not cool or heat.</b></p> <ul style="list-style-type: none"> <li>• Is the air filter dirty? See air filter cleaning instructions.</li> <li>• The room may have been very hot when the room air conditioner was first turned on. Allow time for it to cool down.</li> <li>• Has the setting temperature been set incorrectly?</li> <li>• Are the indoor unit's air inlet or outlet vents obstructed?</li> </ul> | <p><b>A noisy conditioner.</b></p> <ul style="list-style-type: none"> <li>• For a noise that sounds like water flowing.<br/>-This is the sound of freon flowing inside the air conditioner unit.</li> </ul> |

# Service Centers

## Details of LG serial No.

|                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| 1                    | 2                    | 3                    | 4                    | 5                    | 6                    | 7                    | 8                    | 9                    | 10                   |

| Code | Detail     | Code of Model     | Meaning  |
|------|------------|-------------------|--|
| 1    | Year       | 0~9<br>(Digit)    | The last digit of year<br>ex) 1997 → 7, 2000 → 0 |
| 2,3  | Month      | 01~12<br>(Digit)  | Month<br>ex) March → 03, August → 08             |
| 4    | Nation     | A~Z<br>(Alphabet) | Where manufactured<br>ex) K → Korea, C → China   |
| 5    | Product    | A~Z<br>(Alphabet) | ex) A → Airconditioner                           |
| 6~10 | Serial No. | 0~9<br>(Digit)    | Production Quantity                              |

## ■ Service Centers

H. G. IBRAHIM SHAKER COMPANY, LTD.  
SERVICE CENTER

- \* JEDDAH : P. O. BOX 50, JEDDAH 21411 KINGDOM OF SAUDI ARABIA  
TEL NO. : 6422952 / 6425527
- \* RIYADH : P. O. BOX 15, RIYADH 11411 KINGDOM OF SAUDI ARABIA  
TEL NO. : 4020570
- \* AL-KHOBAR : P. O. BOX 78, AL-KHOBAR 31952 KINGDOM OF SAUDI ARABIA  
TEL NO. : 8943714

In case of parts being disordered,  
please contact with SVC center:  
and check the replacement parts code.

