

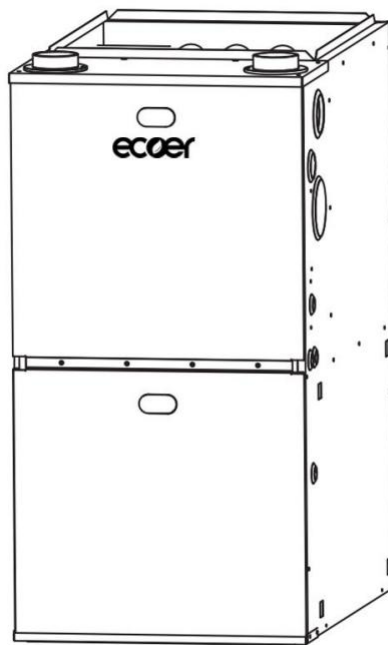


Making your home Green & Smart

Owner's Guide

Ecoer Gas Furnace series

Read and save these instruction before use



Warm your home

Ecoer launched its first condensing furnace MGH series. Ecoer utilizes multiple technologies to provide its customers a high-quality furnace that saves energy. At Ecoer, We believe it is time for a new era of heating through your furnace. Ecoer is committed to creating a comfortable home environment. The MGH series furnace will heat your entire home while providing the warmth your family needs during the winter months.

NOTE: Please read all instruction in the manual and retain all manuals for future reference.

Attention

WARNING

FIRE OR EXPLOSION HAZARD

The furnace is designed and approved for use with Natural Gas and (LP)Propane Gas ONLY. DO NOT BURN ANY LIQUID FUEL OR SOLID FUEL IN THIS FURNACE. Burning any unapproved fuel will result in damage to the furnace heat exchanger, which could result in Fire, Personal Injury, and/or Property Damage.

WARNING

FIRE, EXPLOSION, ELECTRICAL SHOCK, AND CARBON MONOXIDE POISONING HAZARD

Failure to follow this warning could result in dangerous operation, serious injury, death, or property damage. Improper installation, adjustment, alteration, service, maintenance, or use could cause carbon monoxide poisoning, explosion, fire, electrical shock, or other conditions which may cause personal injury or property damage. Consult a qualified service agency, local gas supplier, or your distributor or branch for information or assistance. The qualified service agency must use only factory-authorized and listed kits or accessories when modifying this product.

FOR YOUR SAFETY READ BEFORE OPERATING

WARNING



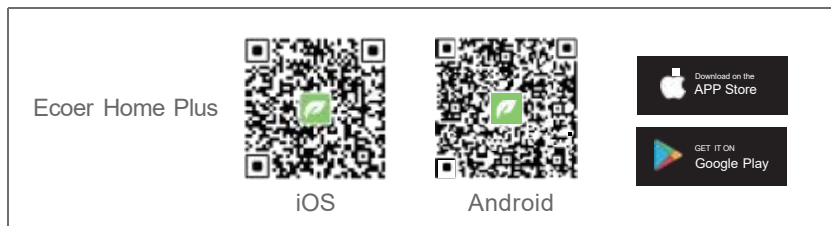
If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

- A.** This appliance does not have a pilot. it is equipped with an ignition device which automatically lights the burner.
Do not try to light the burner by hand.
- B. BEFORE OPERATING** smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.
- FOR YOUR SAFETY
“WHAT TO DO IF YOU SMELL GAS”**
- Do not try to light any appliance.
 - Do not touch any electrical switch; do not use any phone in your building.
 - Immediately call your gas supplier from a neighbors phone. Follow the gas suppliers Instructions.
 - If you cannot reach your gas supplier, call the fire department.
- C.** Use only your hand to turn the gas control switch. Never use tools. If the switch will not turn by hand, don't try to repair it; call a qualified service technician. Force or attempted repair may result in a fire or explosion.
- D.** Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.

Download the App

If you purchase the Ecoer Smart WiFi Thermostat, you can use the App which helps to control remotely. Several ways to download the Ecoer Home Plus App:

- Search for “Ecoer Home Plus” on Google Play Store or Apple App Store, then download.
- Download the app by scanning the QR code below.



There may be updates to the APP version.

Log in to www.ecoer.com or contact support@ecoer.com To obtain the latest guidelines.

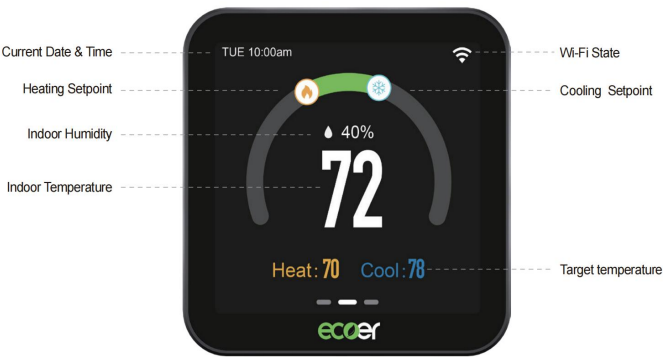
To learn more about the APP, WE ARE HERE TO HELP:

Addr.: 43671 Trade Center Place, Suite 100 Dulles, VA 20166 USA
Tel: (703) 348-2538
Website: www.ecoer.com

Setting the temperature

Control your room temperature via the thermostat :

- 1. Place the system mode switch on **HEAT**.
- 2. Place the fan switch on **AUTO**.
- 3. **Set the temperature** by using the indicator on the thermostat control.
- 4. The system will operate whenever the room temperature falls below the temperature setting.
- 5. Once the desired temperature is reached, the system will shut off.



Homeowner maintenance

The Gas furnace system is a self-contained system that must require professional maintenance and repair. Other than performing the simple maintenance recommended in this manual, **please do not** make any adjustments to your system. Your contractor will be able to take care of any questions or problems you may have.

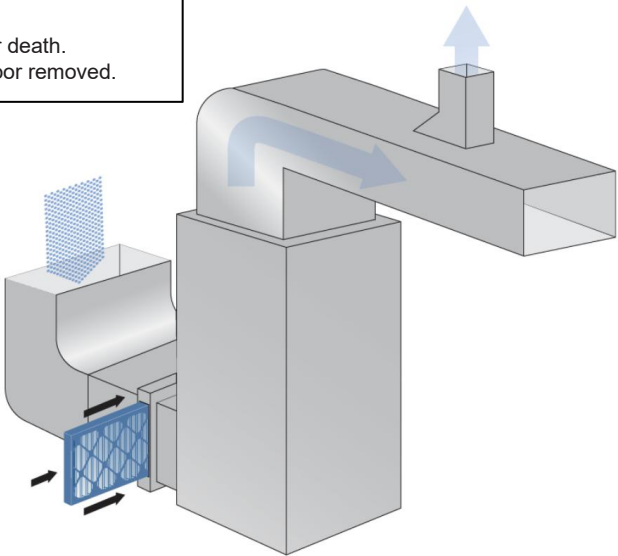
 CAUTION	 WARNING	 CAUTION
To prevent injury, death, or property damage, read and follow all instructions and warnings, including labels shipped with or attached to unit before operating your new outdoor system.	Disconnect all electrical power to the indoor air handler or furnace before removing access panels to perform any maintenance. Disconnect power to both the indoor and outdoor units. NOTE: There may be more than one electrical disconnect switch. Electric shock can cause personal injury or death.	Although special care has been taken to minimize sharp edges in the construction of your unit, be extremely careful when handling parts or reaching into the unit.

Clean or replace the filter every one month

 WARNING
CARBON MONOXIDE AND POISONING HAZARD Failure to follow this warning could result in personal injury, or death. Never operate a furnace without a filter or with filter access door removed.

Help ensure top efficiency by cleaning or replacing the filter every one month.

One of the most common causes of a problem in furnace is a blocked or dirty filter. Filters should be cleaned (permanent) or replaced (disposable) every one month or as required. When replacing a filter, it must be replaced with a filter of the same type and size. Become familiar with filter location and procedures for removal, cleaning and replacing them. If help is needed, contact the installer of the furnace or a qualified serviceman.



Furnace Filter

Inspect filter.

If your dirty filter is the disposable type, replace dirty filter with the same type and size filter.

If your dirty filter is a permanent filter, clean as follows:

- Wash, rinse, and dry the permanent filters. Both sides should then be sprayed with a filter adhesive as is recommended on the adhesive container. Many hardware stores stock spray adhesives for use with permanent filters.
- If badly torn or uncleanable, these filters must be replaced by equal size permanent, high velocity filters. Throwaway filters must not be used as replacement for permanent filters. Under normal use, permanent filters should last for several years.

If you cannot remove it yourself, please contact your contractor.

NOTE:*Ecoer does not supply filters or filter racks with furnace units. All filters must be field supplied according to the Manufacturer recommended high velocity filter sizes and specifications shown below.

Furnace cabinet width (inch)	Filter Size * (inch)		Filter type
	Side return	Bottom return	
17-1/2	16 x 25	16 x 25	High Velocity(600 FPM)
21	16 x 25	20 x 25	High Velocity(600 FPM)
24.5	16 x 25	24 x 25	High Velocity(600 FPM)

Troubleshooting

- ❑ If you can't open the gas furnace, please check whether it is overdue charges.
- ❑ For any problems encountered while using the gas furnace, please contact your contractor.

Yearly contractor maintenance

The furnace should be inspected by a qualified installer, or service agency at least once per year. This check should be performed at the beginning of the heating season. This will ensure that all furnace components are in proper working order and that the heating system functions appropriately.

Your annual system inspection should include:

- All flue gas carrying areas external to the furnace (i.e. chimney, vent connector) are clear and free of obstructions.
- The vent connector is in place, slopes upward and is physically sound without holes or excessive corrosion.
- The return-air duct connection(s) is physically sound, is sealed to the furnace casing, and terminates outside the space containing the furnace.
- The physical support of the furnace is sound without sagging, cracks, gaps, etc, around the base so as to provide a seal between the support and the base.
- There are no obvious signs of deterioration of the furnace.
- The pilot and burner flames are in good adjustment (by comparison with pictorial sketches or drawings of the main burner flame and, if applicable, the pilot burner flame).



Call your contractor for additional routine maintenance

Your gas furnace must be inspected regularly by a properly trained contractor.
For regular contractor maintenance please refer to www.ecoer.com

WARNING

Installation and service must be performed by a qualified installer, service agency or the gas supplier.