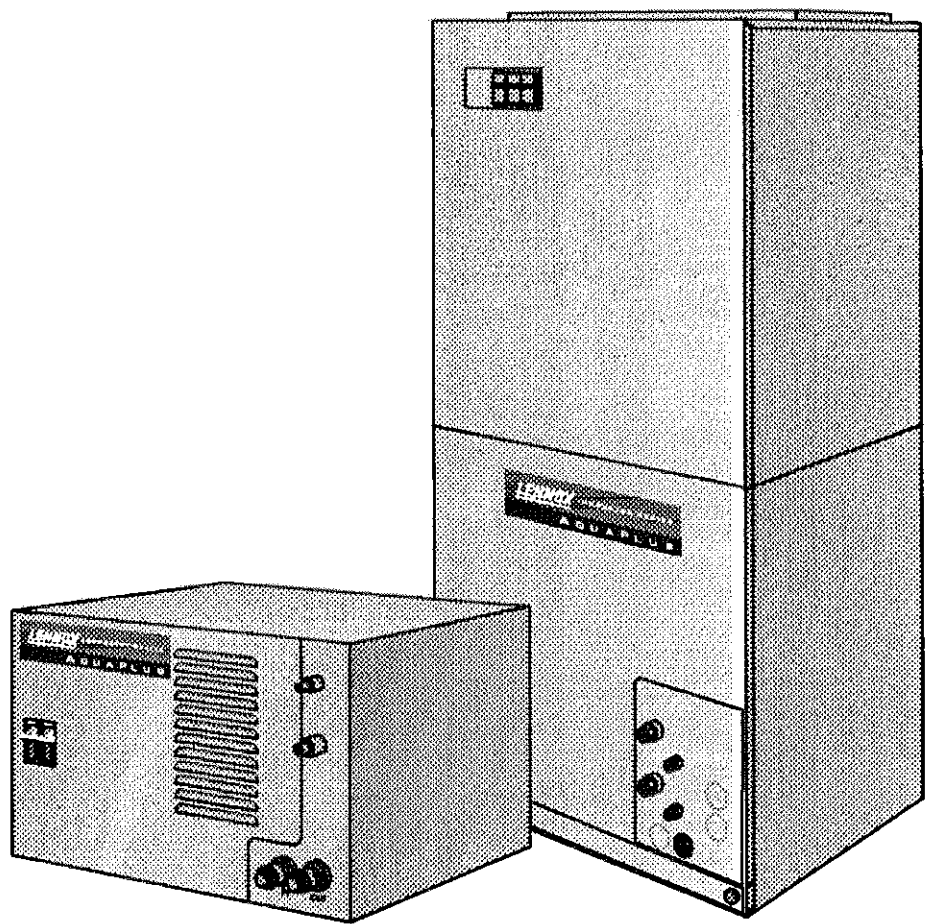


AQUA PLUS™

WATER HEATING SYSTEM



OWNER'S MANUAL



*Y*our
AquaPlus[™]
system
combines
high efficiency
and quiet
operation
with easy
serviceability
to provide
premium
Lennox
quality and
comfort.

*P*rotect Your Investment
Proper Maintenance
is Your Responsibility

AQUA PLUS[™]



Congratulations, you have made a wise choice with the purchase of your Lennox AquaPlus[™]

water heating system. For over 100 years, people have trusted Lennox to make their lives more comfortable. Lennox prides itself in manufacturing high quality products that keep you comfortable and keep your monthly energy bills low, year after year.

WARRANTIES

Your unit is covered by one of the best warranties in the industry.

All components in your AquaPlus system are covered by a 5-year

limited parts warranty. That's one more reason to trust Lennox.

Your AquaPlus blower coil unit includes a sheet which outlines the warranty and its conditions. Keep your warranty along with other important records concerning the purchase and maintenance of your heating and cooling equipment.

You should be aware that failure to maintain your system as outlined in this manual will void your equipment warranty.

MAINTENANCE

In order to ensure peak performance, your system must be properly maintained. A little effort on your part will keep your system in top form year after year. Clogged filters and blocked airflow prevent your unit from operating at its most efficient level.

Access to your blower coil's filter could not be more convenient. The filter access panel is easily removed without the need for tools. The single filter slides easily in and out of the unit on rails. In some cases your filter may be installed behind a return air grille in the wall or ceiling. Ask your dealer to show you where the filter is located.

Check the filter monthly and clean or replace it as needed. The filter size is printed on a label affixed to the filter access panel. A label with the word "washable" indicates your unit is equipped with a re-usable foam filter. These filters can be cleaned with a mild soap and water solution. Rinse the



filter thoroughly and let it dry completely before it is returned to the unit. Take note of the filter air flow arrow when replacing your filter.

The filter and all access panels must be in place any time the unit is in operation.

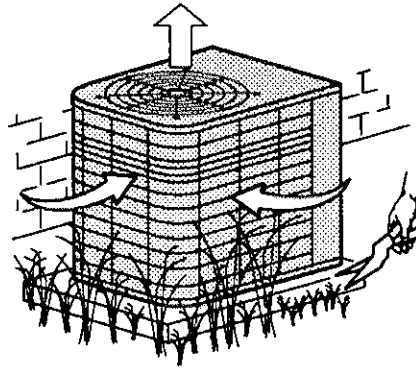
Important!

Turn off electrical power to the unit at the disconnect switch before performing any maintenance. The unit may have multiple power supplies.

Your system may be equipped with an electronic air cleaner which will provide respiratory relief by removing up to 90 percent of all airborne particles which pass through it. If it is, ask your dealer to instruct you on its maintenance.

Your blower coil unit is equipped with a drain pan to collect condensate formed as your system removes humidity from the inside air. Have your dealer show you where the main condensate drain (and auxiliary drain, if applicable) runs and how to check the drain for any obstruction.

It is also very important to provide unrestricted airflow to the outdoor unit. Leaves, trash or shrubs crowding the unit cause the outdoor unit to work harder and use more energy. Keep shrubbery trimmed away from the unit and periodically check for debris which may have collected around the unit.



OPERATION

Lennox recommends a water heater temperature setting of 120°F (49°C) or the lowest setting. For your safety, do not set the water heater temperature above 130°F (54°C).

AquaPlus operation is locked out when the outdoor temperature falls below 55°F (13°C). Operation automatically resumes when outdoor temperature rises above 65°F (18°C).

LENNOX DEALERS

Nobody knows more about the care and operation of your new Lennox equipment than your independent Lennox dealer. This means that your independent Lennox dealer is your best choice for routine maintenance or service. Lennox' Quality Dealer Standards program ensures that when you call your independent Lennox dealer, you can count on prompt, courteous and professional service.

Before the start of each cooling season, the following air conditioning service checks should be performed by a qualified service technician. As always, electrical power to the unit must be turned off prior to any unit maintenance.

- The outdoor and indoor coils should be inspected and cleaned. The outdoor coil may be flushed with a water hose.
- The refrigerant lines should be visually inspected and the coils should be checked for leaks.
- Wiring should be checked for loose connections.
- Voltage must be checked at the indoor and outdoor units (units operating).
- The amp-draw at the outdoor fan motor and indoor blower motor should be checked. Values should be compared with those given on the unit nameplate.
- Indoor unit filters should be cleaned or replaced.
- The refrigerant charge should be checked and system pressures should be gauged.
- The condensate drain line should be checked for free and unobstructed flow and it should be cleaned, if necessary.

THERMOSTAT OPERATION — COMFORT IS AT YOUR FINGERTIPS

Your new AquaPlus blower coil unit may be used with either an air conditioner or heat pump. Though your thermostat may vary somewhat from the description below, its operation will be similar.

TEMPERATURE LEVERS

Most thermostats have two temperature selector levers: one for heating and one for cooling. Set the indicator levers or dials to the desired temperature setpoints for both heating and cooling. Avoid frequent temperature adjustment; turning the unit off and back on before pressures equalize puts stress on the unit compressor.

FAN SWITCH

In AUTO or INT (intermittent) mode, the blower operates only when the thermostat calls for heating or cooling. This mode is generally preferred when humidity control is a priority. The ON or CONT mode provides continuous indoor blower operation, regardless of whether the compressor, burners or auxiliary heat are operating. This mode is required when constant air circulation or filtering is desired.

SYSTEM SWITCH

Set the system switch for heating, cooling or auto operation.

The auto mode allows the system to automatically switch from heating mode to cooling mode to maintain predetermined comfort settings. Many heat pump thermostats are also equipped with an emergency heat mode which locks out heat pump operation and provides temporary heat supplied by the auxiliary heat.

INDICATING LIGHT

Most heat pump thermostats have an amber light which indicates when the heat pump is operating in the emergency heat mode.

TEMPERATURE INDICATOR

The temperature indicator displays the actual room temperature.

PROGRAMMABLE THERMOSTATS

Your Lennox system may be controlled by a programmable thermostat. These thermostats provide the added feature of programmable setpoints for both heating and cooling. Refer to the user's information manual provided with your particular thermostat for operation details.

BEFORE YOU CALL

If your system fails to operate, check the following before calling for service:

- Check to see that all electrical disconnect switches are ON.
- Make sure the room thermostat temperature selector is properly set.
- Make sure the room thermostat system switch is properly set.
- Replace any blown fuses, or reset circuit breakers.
- Make sure unit access panels are in place.
- Make sure air filter is clean.
- Locate unit model number and have it handy before calling.

LENNOX

ONE LESS THING TO WORRY ABOUT.™

Dealer Name: _____

Address: _____

Phone Number: _____

Unit Model Number: CB30MWH / RWH21-012 _____

Installation Date: _____