

VRF (Variable Refrigerant Flow)

User manual

VOSC*S4-4P**

- Thank you for purchasing this Lennox Product.
- Before operating this unit, please read this manual carefully and retain it for future reference.



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Safety precautions

California Proposition 65 Warning (US)

 **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov








Before using your new product, please read this manual thoroughly to ensure that you know how to safely and efficiently operate the extensive features and functions of your new appliance.

Because the following operating instructions cover various models, the characteristics of your product may differ slightly from those described in this manual. If you have any questions, call your nearest contact center or find help and information online at

www.lennox.com for homeowners and

www.lennoxpros.com for dealer/contractor.

Important safety symbols and precautions:

 WARNING	Hazards or unsafe practices that may result in severe personal injury or death.
 CAUTION	Hazards or unsafe practices that may result in minor personal injury or property damage.
	Follow directions.
	Do NOT attempt.
	Make sure the machine is grounded to prevent electric shock.
	Cut-off the power supply.
	Do NOT disassemble.

Safety precautions

FOR INSTALLATION



WARNING



Use the power line with the power specifications of the product or higher and use the power line for this appliance only. In addition, do not use an extension line.

- ▶ Extending the power line may result in electric shock or fire.
- ▶ Do not use an electric transformer. It may result in electric shock or fire.
- ▶ If the voltage/frequency/rated current condition is different, it may cause fire.

The installation of this appliance must be performed by a qualified technician or service company.

- ▶ Failing to do so may result in electric shock, fire, explosion, problems with the product, or injury.

Install a switch and circuit breaker dedicated to the product.

- ▶ Failing to do so may result in electric shock or fire.

Fix the outdoor unit firmly so that the electric part of the outdoor unit is not exposed.

- ▶ Failing to do so may result in electric shock or fire.



Do not install this appliance near a heater, inflammable material. Do not install this appliance in a humid, oily or dusty location, in a location exposed to direct sunlight and water (rain drops). Do not install this appliance in a location where gas may leak.

- ▶ This may result in electric shock or fire.

Never install the outdoor unit in a location such as on a high external wall where it could fall.

- ▶ If the outdoor unit falls, it may result in injury, death or property damage.



This appliance must be properly grounded. Do not ground the appliance to a gas pipe, plastic water pipe, or telephone line.

- ▶ Failure to do so may result in electric shock, fire, an explosion, or other problems with the product.
- ▶ Make sure that it is in accordance with local and national codes.



CAUTION



Install your appliance on a level and hard floor that can support its weight.

- ▶ Failing to do so may result in abnormal vibrations, noise, or problems with the product.

Install the draining hose properly so that water is drained correctly.

- ▶ Failing to do so may result in water overflowing and property damage.

When installing the outdoor unit, make sure to connect the draining hose so that draining is performed correctly.

- ▶ The water generated during the heating operation by the outdoor unit may overflow and result in property damage. In particular, in winter, if a block of ice falls, it may result in injury, death or property damage.

Safety precautions

FOR POWER SUPPLY



WARNING



When the circuit breaker is damaged, contact your nearest service center.



Do not pull or excessively bend the power line. Do not twist or tie the power line. Do not hook the power line over a metal object, place a heavy object on the power line, insert the power line between objects, or push the power line into the space behind the appliance.

▶ This may result in electric shock or fire.



CAUTION



When not using the product for a long period of time or during a thunder/lightning storm, cut the power at the circuit breaker.

▶ Failing to do so may result in electric shock or fire.

FOR USING



WARNING



If the appliance is flooded, please contact your nearest service center.

▶ Failing to do so may result in electric shock or fire.

If the appliance generates a strange noise, a burning smell or smoke, unplug the power plug immediately and contact your nearest service center.

▶ Failing to do so may result in electric shock or fire.

In the event of a gas leak (such as propane gas, LP gas, etc.), ventilate immediately without touching the power line.

Do not touch the appliance or power line.

▶ Do not use a ventilating fan.

▶ A spark may result in an explosion or fire.

To reinstall the product, please contact your nearest service center.

- ❗ ► Failing to do so may result in problems with the product, water leakage, electric shock, or fire.
- A delivery service for the product is not provided. If you reinstall the product in another location, additional construction expenses and an installation fee will be charged.
- Especially, when you wish to install the product in an unusual location such as in an industrial area or near the seaside where it is exposed to the salt in the air, please contact your nearest service center.

⊘ **Do not touch the circuit breaker with wet hands.**

- This may result in electric shock.

Do not strike or pull the product with excessive force.

- This may result in fire, injury, or problems with the product.

Do not place an object near the outdoor unit that allows children to climb onto the machine.

- This may result in children seriously injuring themselves.

Do not turn the product off with the circuit breaker while it is operating.

- Turning the product off and then on again with the circuit breaker may cause a spark and result in electric shock or fire.

After unpacking the product, keep all packaging materials well out of the reach of children, as packaging materials can be dangerous to children.

- If a child places a bag over its head, it may result in suffocation.

Safety precautions

 **Do not insert your fingers or foreign substances into the outlet when the product is operating or the front panel is closing.**

- ▶ Take special care that children do not injure themselves by inserting their fingers into the product.

Do not touch the front panel with your hands or fingers during the heating operation.

- ▶ This may result in electric shock or burns.

Do not insert your fingers or foreign substances into the air inlet/outlet of the product.

- ▶ Take special care that children do not injure themselves by inserting their fingers into the product.

Do not use this product for long periods of time in badly ventilated locations or near infirm people.

- ▶ Since this may be dangerous due to a lack of oxygen, open a window at least once an hour.

 **If any foreign substance such as water has entered the appliance, cut the power by unplugging the power plug and turning the circuit breaker off and then contact your nearest service center.**

- ▶ Failing to do so may result in electric shock or fire.

 **Do not attempt to repair, disassemble, or modify the appliance yourself.**

- ▶ Do not use any fuse (such as cooper, steel wire, etc.) other than the standard fuse.
- ▶ Failing to do so may result in electric shock, fire, problems with the product, or injury.



CAUTION



Do not place objects or devices under the indoor unit.

- ▶ Water dripping from the indoor unit may result in fire or property damage.

Check that the installation frame of the outdoor unit is not broken at least once a year.

- ▶ Failing to do so may result in injury, death or property damage.



Do not stand on top of the appliance or place objects (such as laundry, lighted candles, lighted cigarettes, dishes, chemicals, metal objects, etc.) on the appliance.

- ▶ This may result in electric shock, fire, problems with the product, or injury.

Do not operate the appliance with wet hands.

- ▶ This may result in electric shock.

Do not spray volatile material such as insecticide onto the surface of the appliance.

- ▶ As well as being harmful to humans, it may also result in electric shock, fire or problems with the product.

Do not drink the water from the product.

- ▶ The water may be harmful to humans.

Do not apply a strong impact to the remote controller and do not disassemble the remote controller.

Do not touch the pipes connected with the product.

- ▶ This may result in burns or injury.

Do not use this product to preserve precision equipment, food, animals, plants or cosmetics, or for any other unusual purposes.

- ▶ This may result in property damage.

Avoid directly exposing humans, animals or plants from the air flow from the product for long periods of time.

- ▶ This may result in harm to humans, animals or plants.

Safety precautions

- ⊘ This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

FOR CLEANING

WARNING

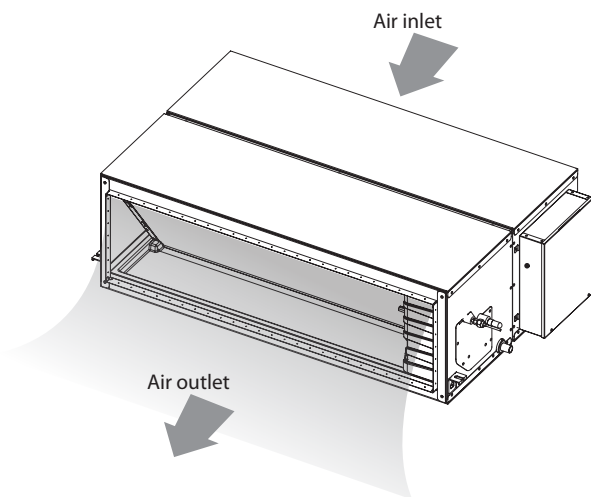
- ⊘ Do not clean the appliance by spraying water directly onto it. Do not use benzene, thinner or alcohol to clean the appliance.
 - ▶ This may result in discoloration, deformation, damage, electric shock or fire.
- Before cleaning or performing maintenance, unplug the product from the wall socket and wait until the fan stops.**
- ▶ Failing to do so may result in electric shock or fire.

CAUTION

- ⓘ Take care when cleaning the surface of the heat exchanger of the outdoor unit since it has sharp edges.
 - ▶ To avoid cutting your fingers, wear thick cotton gloves when cleaning it.
 - ▶ This should be done by a qualified technician please contact your installer or service center.
- ⊘ Do not clean the inside of the product by yourself.
 - ▶ For cleaning inside the appliance, contact your nearest service center.
 - ▶ When cleaning the internal filter, refer to the descriptions in the 'Cleaning and maintaining the product' section.
 - ▶ Failure to do may result in damage, electric shock or fire.
 - ▶ Make sure to prevent any injury from sharp edges of the surface when handling the heat exchanger.

Viewing your product

Air Duct Type



NOTE

- Your product may look slightly different from the illustration shown above depending on your model.

Appendix

Troubleshooting

Refer to the following chart if the product operates abnormally. This may save time and unnecessary expenses.

PROBLEM	SOLUTION
The product does not operate immediately after it has been restarted.	<ul style="list-style-type: none">• Because of the protective mechanism, the appliance does not start operating immediately to keep the unit from overloading. The product will start in 3 minutes.
The product does not work at all.	<ul style="list-style-type: none">• Check whether the power is turned on, and then operate the product again.• Check if there is a power failure.• Check your fuse. Make sure it is not blown out.
Timer function does not set.	<ul style="list-style-type: none">• Check if you press the Power button on the remote control after you have set the time.
Odors permeate in the room during operation.	<ul style="list-style-type: none">• Check if the appliance is running in a smoky area or if there is a smell entering from outside. Operate the product in Fan mode or open the windows to air out the room.
The product makes a bubbling sound.	<ul style="list-style-type: none">• A bubbling sound may be heard when the refrigerant is circulating through the compressor. Let the product operate in a selected mode.• When you press the Power button on the remote control, noise may be heard from the drain pump inside the product.
The product does not turn on or off with the programmable Wired Controller.	<ul style="list-style-type: none">• Check if you set the programmable Wired Controller for group control.

PROBLEM	SOLUTION
The programmable Wired Controller does not operate.	<ul style="list-style-type: none"> • Check if TEST indicator is displayed on the programmable Wired Controller. If so, turn off the unit and switch off the circuit breaker. Call your nearest contact center.

Operation ranges

The table below indicates the temperature and humidity ranges the product can be operated within. Refer to the table for efficient use.

MODE	OPERATIONAL TEMPERATURE	INDOOR HUMIDITY	IF OUT OF CONDITIONS
COOLING	68°F to 126°F (20°C to 52°C)	80% or less	Condensation may occur on the indoor unit with risk to have either water blow off or drops on the floor.
HEATING	23°F to 59°F (-5°C to 15°C)	-	Internal protection triggers and the product will stop.
VENTILATING	41°F to 126°F (5°C to 52°C)	-	-
AUTO	23°F to 126°F (-5°C to 52°C)	-	-

* Protective operation may start when the temperature is over 119°F(48°C).

* Heating or fan operation will be stopped when the temperature is lower than 23°F(-5°C).

A fresh duct controls discharge temperature.

Depending on indoor/outdoor temperature or installation condition, actual discharge temperature may not be exactly controlled.

Register Product to Receive enhance warranty and view product documentation :
<https://www.warrantyyourway.com/>

COUNTRY	CALL	OR VISIT US ONLINE AT
AMERICA	800-953-6669	www.lennox.com for homeowners, www.lennoxpros.com for dealer/contractor