

Evolve 5.5 cu. ft. Medical-grade Undercounter Refrigerator

Quick Start Guide

Product Features



Quiet Operation



Temperature Uniformity



SilverPoint Enabled



Local and Remote Alarms



Stable Temperature Control



10 Year Heat Pump Warranty





4°C

evolve

VIRUS VACCINE

TETANUS VACCINE

VIRUS VACCINE

VACCINE SOLUTION

TETANUS VACCINE

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Welcome to a New Cold

Phononic is changing the paradigm of refrigeration with Evolve. Evolve products operate with a patented SilverCore™ refrigeration system and optional embedded temperature monitoring system called SilverPoint™.

The Evolve family of products dramatically modernizes cold storage technology for medical and healthcare facilities and offers a complete solution for protecting vaccines, medications, and temperature-sensitive materials.

Thank you for purchasing the most advanced refrigeration technology available.

Before You Get Started

Warning:

Before you begin any of the procedures in this section, read all the safety and warning information shipped with your refrigerator. For additional best practices and safety information, see evolverefrigeration.com/compliance

An authorized service technician is required for repairs to the system.

Stacking of this unit is prohibited without the use of the Evolve stacking kit. If this unit is placed off the floor the unit should be secured with an Evolve anti-tip bracket.

Property Damage:

Please take a moment to inspect your new refrigerator for damages that may have occurred during shipping. For any damage done to the refrigerator, please contact the delivery carrier directly.

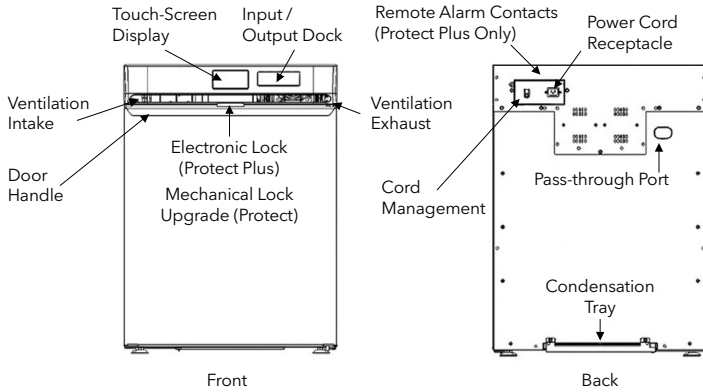
Evolve 5.5 cu. ft. Undercounter Refrigerator Product Details

Model List:

Solid Door - ELR055SSB-001 (Protect) and ELR055SSB-002 (Protect Plus)

Glass Door - ELR055SGB-001 (Protect) and ELR055SGB-002 (Protect Plus)

Exterior



Environmental Requirements:

This refrigerator is intended for indoor use only and is not to be used or stored outside. Violation of this storage requirement will void the terms of your warranty. This unit is designed to operate between 10 and 32 °C. Higher temperatures may reduce the refrigerator's ability to reach or hold the set point temperature. In climates where high humidity is present, light condensation may occur within the refrigerator. This is considered normal and can be wiped away with an absorbent cloth.



Getting Started

Installation:

1. Plug in the power cord into the power cord receptacle
2. Unscrew the cord management system next to the power receptacle. Place the power cord into the cord management system and secure the system by tightening the screw
3. Check the leveling and make any necessary adjustments. Confirm that the door closes by itself when opened 30 degrees
4. Gently push the unit into position. Make sure not to pin or pinch the power cord
5. We recommend a maximum load of 20 lbs per sliding basket and installation of an anti-tip bracket. Exceeding the weight recommendation can cause injury to personnel or damage to the refrigerator and stored products.
6. Plug the power cord into the power outlet. Note: Do not use an extension cord
7. Open the Evolve pod door next to the touchscreen and remove the tab to engage the battery. With an active battery this will enable the power alarm which will beep whenever the unit is disconnected from power.

Glycol Verification:

The glycol bottle is pre-installed on Evolve refrigerators. Please verify:

1. The cord for the sample bottle is firmly plugged into the interior wall
2. The sample bottle is securely mounted
3. The level of glycol in the bottle is full

In the event that the bottle has broken during shipping, contact our service department for a replacement bottle.

Note: A glycol reading of <-57C on the display indicates an improperly installed glycol bottle. Follow the three steps above before contacting customer service.

Wi-Fi Setup (WEP/WPA):

See separate Wi-Fi Installation Guide: evolverefrigeration.com/compliance

SilverPoint Accessory Setup:

New User Registration

1. Go to portal.phononic.com/evolve and click on the **Register** button
2. After submitting registration information, a verification email will be sent to the user
3. Verify the registration by clicking on the confirmation link in the email

New Unit Registration

1. Go to portal.phononic.com/evolve and login
2. Click the **Register/Add Unit** button
3. Enter the serial number, a name for the unit and location
4. Confirm by clicking the **Save Unit** button

Logging In (The following steps only apply to Protect Plus):

1. Tap anywhere on the touchscreen
2. Enter your PIN on the touchscreen and press the check mark. The default Admin PIN for the refrigerator is **3265**. This is the default password for all Evolve refrigerators

User Setup:

Upon receiving the refrigerator, you will want to change the default passwords to maintain security.

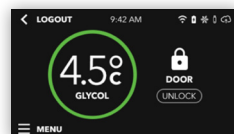
There are 3 editable default users Admin, Sub-Admin, and User. To change or edit the Admin, Sub-Admin, and User password:

1. Press **Menu** in the bottom left corner of the home screen
2. Press the **Wrench** icon to bring up the administrator tools menu
3. Press **Edit Users**
4. Press on the **name of the user** you wish to edit
5. Press **Edit Password**
6. Use the touchscreen to enter a new password and confirm by pressing the **Check Mark**

For security reasons, new passwords should be entered for Admin, Sub-Admin, and User.

Unlocking Door (Protect Plus):

1. Login to the refrigerator using the PIN
2. Touch the unlock button on the home screen
3. The door will now be unlocked









Unlocking Door (In Power Loss State):

1. Press and hold the touch screen for 5 seconds to activate the display
2. Unlock following the normal unlocking procedures

Note: The screen will not operate unless a functioning battery is installed. If the display will not activate upon pressing and holding, replace the installed battery with a new battery.

Understanding Alarms

Default Alarms:

Alarm	Factory Setting	Icon
Temperature Range Alarm	min 2°C max 8°C	
Door Ajar Alarm	1 minute	
No Power Alarm	> 10 seconds outage	
Battery Low Alarm	< 30% remaining	
Memory Full Alarm	< 30% remaining	
No Wifi Alarm	> 60 seconds disconnected	

Loading Inventory:

We recommend a maximum load of 20 lbs per sliding basket and installation of an anti-tip bracket. Exceeding the weight recommendation can cause injury to personnel or damage to the refrigerator and stored products.

Make sure that when loading products to load the bottom shelf first, the middle shelf second and then finish by loading the top shelf.


After you power on your refrigerator, monitor the temperature display on the control panel and do not load until the default set point of 4 °C (39 °F) is reached. There are three temperature monitors inside the refrigerator, the glycol sensor and two air sensors. When you load the refrigerator, always remember to provide at least one inch clearance around the air and glycol sensors and make sure the glycol sensor remains properly connected.

When loading products previously stored at room temperature, monitor the temperature display to prevent a compromise. We suggest you load room temperature samples in small increments to help maintain a stable temperature.

For the most up-to-date safety, regulatory and product information, please visit the product specific section at evolverefrigeration.com/compliance


General Specifications

Power Input **100-240VAC, 47-63 Hz**
Amps **5.0**

 Attention

For Class B - Unintentional Radiators:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

 Radiation Hazard

In order satisfy the FCC RF exposure limit for transmitting devices, a separation distance of 20 cm should be maintained between the body and the Evolve refrigerator while in operation.

 Attention

ICES-003 Class B Notice–Avis NMB-003, Classe B
This Class B digital apparatus complies with Canadian ICES-003.

 Attention

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected

Consult the dealer or an experienced radio/TV technician for help

 Attention

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.



Warning

The antenna used for this transmitter must not be co-located in conjunction with any other antenna or transmitter.



Attention

Any modifications made to this device that are not approved by Phononic may void the authority granted to the user by the FCC to operate equipment.



Attention

Cells/batteries shall be tested and pass applicable regulations based on type and use such as:

- IEC62133 for secondary battery safety
- UN3090/UN3091 and UN3480/Un3481 for Lithium Battery transport regulations
- Transport regulations based on the following: International Air Transport Association (IATA), International Civil Aviation Organization (ICAO), International Maritime Dangerous Goods (IMDG) Code, Transport of Dangerous Goods (TDG)



Warning

Hazardous voltages are present: To reduce the risk of electric shock and danger to personal health, follow the instructions provided in this manual.



Warning

Hazardous voltages are present: To reduce the risk of electric shock DO NOT remove the rear cover on this product. There are no user serviceable parts inside. Please refer service to qualified personnel.

Electrical Components



Do not remove the top cover or operate unit with top cover removed. Removal of the rear cover can result in electrical shock. Service only by a factory authorized service person.



Warning: Fan has moving parts, product has uninsulated live parts and hot parts. Do not remove the top panel or attempt repairs. For repairs or operating issues please call Customer Care at 1-844-476-4202 for guidance and instructions.

Original Warranty

Phononic warrants to the original purchaser that the equipment shall be free from material defects in material and workmanship under normal use and service during the "Warranty Period," defined as:

- (i) a period of 2 years from date of purchase with respect to all parts, during which period Phononic shall cover the cost of parts and labor for repair and replacement, and
- (ii) an additional period of 8 years with respect to the Phononic heat pump powering the refrigeration system, during which period Phononic shall cover the cost of replacement parts and shall charge Phononic's standard labor rates for repair and replacement.

Conditions of Warranty

1. Equipment must have been installed and operated in compliance with instructions provided by Phononic.
2. Warranty labor must be performed by a local Phononic authorized service agent.
3. Defects caused by alterations, improper operation, outdoor use, neglect, vandalism, fire, acts of God, or any situation or causes beyond the control of Phononic are not covered by this warranty.
4. Phononic may require that any parts covered under this warranty be returned to Phononic freight prepaid, and this warranty shall apply only if Phononic verifies the applicable defect upon examination.
5. Any defects or other damages resulting from shipment of the unit are not covered by this warranty. Phononic advises customers to carefully examine all shipments prior to acceptance and note all potential damage concerns on the appropriate shipping papers.
6. Labor charges resulting from security clearance procedures, safety training, travel time greater than one hour or 50 miles (80 km), premium time labor (including after hours, weekends, holidays, etc.), and service calls for non-defective equipment will not be covered by Phononic and are the responsibility of the equipment owner.
7. The repair or replacement of defective parts in accordance with this warranty is customer's sole and exclusive remedy with respect to any defects in the equipment. Phononic will not be liable for any consequential damages, expenses, connecting or disconnecting charges, or any losses or damages resulting from a defect in the equipment.

This warranty constitutes purchaser's sole and exclusive remedy regarding defects in the equipment and is expressly made in lieu of other warranties, expressed or implied, including any implied warranty of merchantability or fitness for a particular purpose.

Support

For any questions regarding your Evolve refrigerator please visit our website at evolrefrigeration.com or contact Customer Care at 1-844-476-4202.

To access your product manual, please visit evolrefrigeration.com/compliance





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