Excellence Industries

INSTRUCTION MANUAL
ISL-5L

UPDATED: AUGUST 2022

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NOTE:
To order spare parts, always include the following information:

- Model name: _____
- Serial number: _____

SAFETY INFORMATION

SAFETY PRECAUTIONS
WHEN USING ELECTRICAL EQUIPMENT, CERTAIN BASIC SAFETY PRECAUTIONS MUST BE OBSERVED, INCLUDING THE FOLLOWING:

- This unit must be installed and located appropriately, following the installation instructions before its use.

- Do not allow children to climb, step or hang onto the freezer. That could damage the unit and cause serious injuries to them.

- Do not touch the cold surfaces of the freezer with your hands wet or with moisture. The skin can stick to these cold surfaces.

- Do not store gasoline or other flammable liquids or gases, near this or other electrical equipment.

- Keep your fingers away from the grills and spaces between the doors. Be careful when closing the doors, especially when children are around.

- Unplug the freezer before cleaning or performing any repair.

NOTE
Service should only be provided by a qualified technician.

INTRODUCTION

This manual contains instructions for installation, operation and general maintenance of your unit. It also includes a Troubleshooting Chart to diagnose problems along with corrective actions.

GENERAL SAFETY

- This equipment employs hydrocarbon R-290 in its refrigeration system. As this refrigerant is flammable, maintenance and recharging must therefore only be carried out by authorized technicians.
- Take care when handling your equipment so as not to cause any damages to the cooling unit with consequent possible fluid leakages.
- The equipment must not be located close to stoves, radiators or boilers.
- Avoid prolonged exposure of the equipment to direct sunlight.
- Only original spare parts should be used to service this freezer.

FEATURES

- Hydrocarbon R-290 refrigerant, which is environmentally friendly and makes these units the greenest freezers in the world.

- Sturdy cabinet with strong structural stability resulting from the most advanced foam-in-place injection system. Polyurethane insulation with cyclopentane as blowing agent which does not harm the ozone layer and does not affect global warming.

- Designed to perform efficiently under high-ambient conditions.
- Fan motors are completely sealed.
- For every single unit manufactured, a computerized quality assurance test is performed on the refrigeration system while the freezer is running, resulting in a trouble free unit.

The type of refrigerant your equipment uses is indicated on the nameplate located inside the equipment:

CHECK FOR SHIPPING DAMAGE

Prior to leaving the factory, each cabinet is throughly inspected and performance tested up to 12 hours to assure proper operating temperatures.

Check the crate thoroughly for signs of shipping damage: If external damage exists, internal damage is also possible. Uncrating should be done while the carrier´s representative is present. Otherwise, the equipment should be uncrated as soon as possible, preferably within five (5) days.

The manufacturer is not responsible for in-transit damage and the consignee must file any required damage claims directly with the carrier.

If the damage is severe and obvious, write a brief description of the evidence on the carrier's delivery receipt, and above the carrier representative's signature. Call the distributor or dealer immediately, indicating that the cabinet was damaged.

If no obvious crate damage is present, within two hours of receiving the cabinet from the carrier, remove the packaging to inspect for concealed damage.

1. If concealed damage is found, call the carrier immediately, **save all crating materials**, and file the necessary freight claim with the carrier.

WHERE TO LOCATE THE UNIT

1. Place the cabinet on a surface solid enough to prevent vibration and strong enough to support the combined weight of the cabinet and the product load. Quick guideline: Estimate 35 pounds per cubic foot of storage space.

2. Cabinets should never be placed in front of windows or glass doors where sunlight will be in direct contact with the units. If a cabinet is located near a window or glass door, provide an adequate shade to block the sun´s rays.

3. Ambient temperature must be between 59°F and 86°F. Low ambient temperatures below 50° F are as harmful as high ambient temperatures. Extreme temperatures will definitely affect the performance of the cabinet.

4. Remove the external packaging (corrugated board and plastic wrappings). Check for concealed damage. If any damage is identified, immediately forward a complaint to the transportation company.

5. Move the freezer as close as possible to its final location before removing the skid.

6. Using a screwdriver to remove the screws that fix the skid to the freezer, or metal supports if applicable.

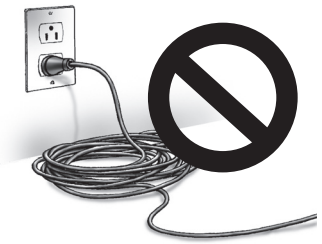
7. Clearance: Leave a space of at least 8" between the back of the cabinet and the wall to provide adequate air circulation of the unit compartment.

CONNECT THE CABINET TO PROPER ELECTRICAL POWER SUPPLY

Each unit requires a dedicated circuit to prevent malfunction of the compressor and the electrical components. Each unit should be connected to its own circuit in accordance with National Electric Codes and local ordinances.

Do not connect the equipment to a wall outlet that has other appliances connected.

Do not use extensions, the compressor may burn out.



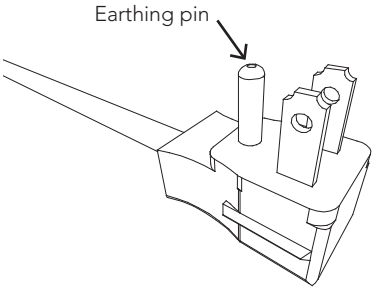
WARNING

This refrigeration equipment requires proper electric installation. Avoid voltage variations higher than 10%.

Electric installation must be done according to the electrical local codes. Each refrigerator or freezer should be connected to its own electrical circuit to avoid voltage fluctuations that could damage the unit.

THE MANUFACTURER WILL NOT HONOR THE WARRANTY DUE TO IMPROPER INSTALLATION.

Plug in electrical power cord. Do not under any circumstance cut or remove the earthing pin from the power cord. Removal of earthing pin invalidates product warranty.



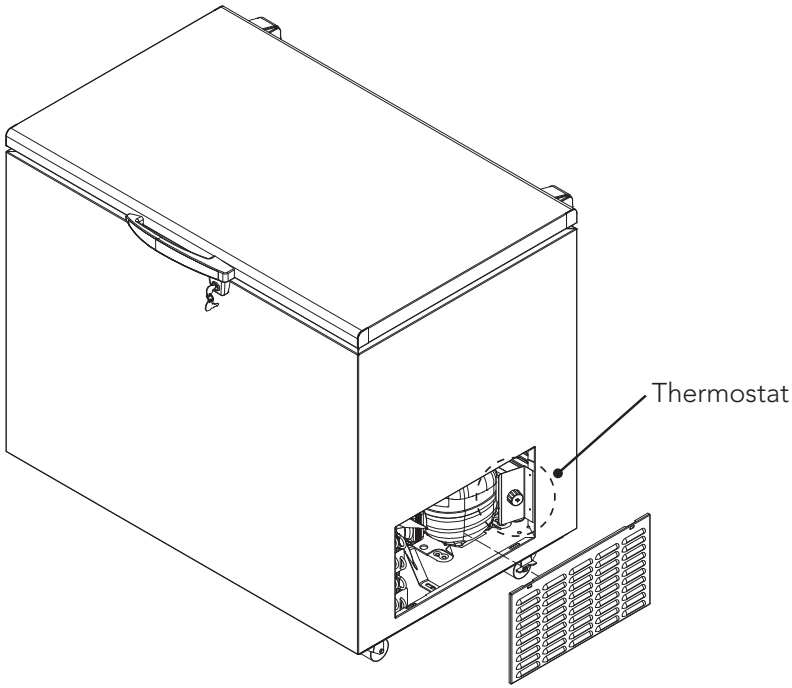
CONTROLS AND ADJUSTMENTS

Plug in electrical power cord.

Before loading product into the cabinet, allow compressor to run for at least two hours after initial pull down to ensure the unit has achieved proper temperature. Please note that a storage freezer is not designed to freeze unfrozen products. It is designed to keep pre-frozen product frozen.

The temperature of a freezer must be between 0 and –10 °F (-10 °C and –23 °C).

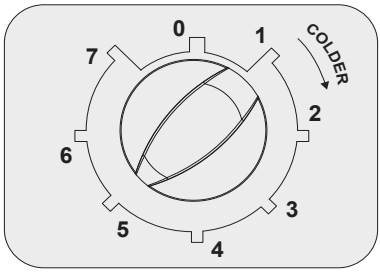
The temperature control is located on the right side of the unit, behind the grill:



USING THE TEMPERATURE CONTROLLER

1. For a colder temperature, turn the thermostat knob to a higher number.

2. For a warmer temperature, turn the thermostat knob to a lower number.

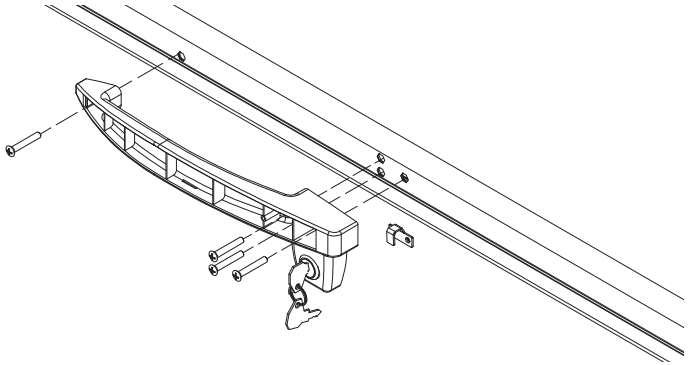


Position	Temperature (°F)	Recommended use
0	Off	
1	12	Ice
2	9	Ice
3	5	Frozen meat
4	-2	Ice cream or frozen meat
5	-9	Ice cream
6	-18	Ice cream
7	-18	

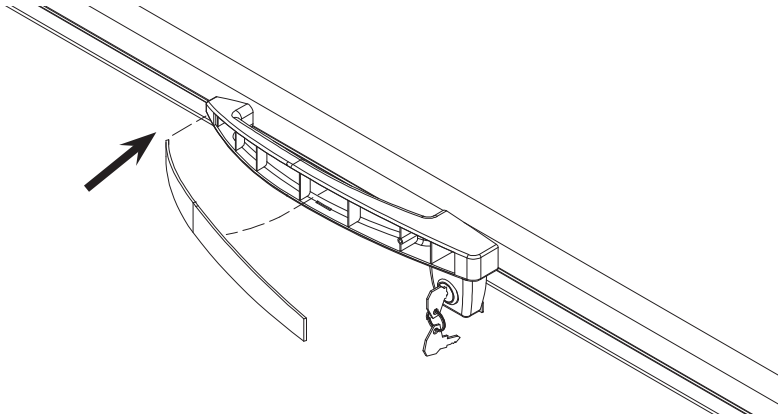
INSTRUCTIONS TO INSTALL DOOR HANDLE

1. The unit has the door handle and the corresponding fixing screws in a plastic bag inside the unit.

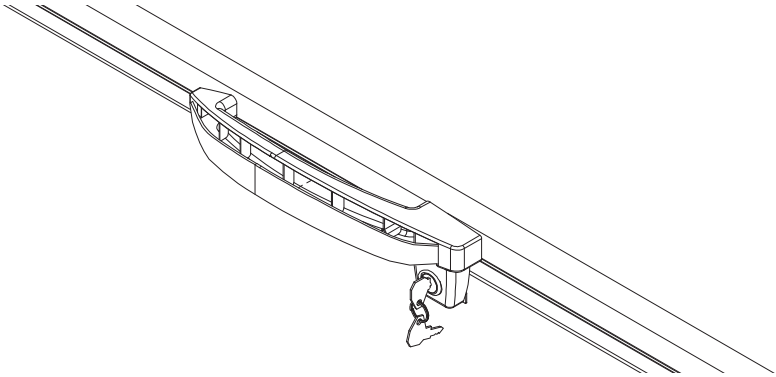
2. Attach the door handle screwing the four screws.



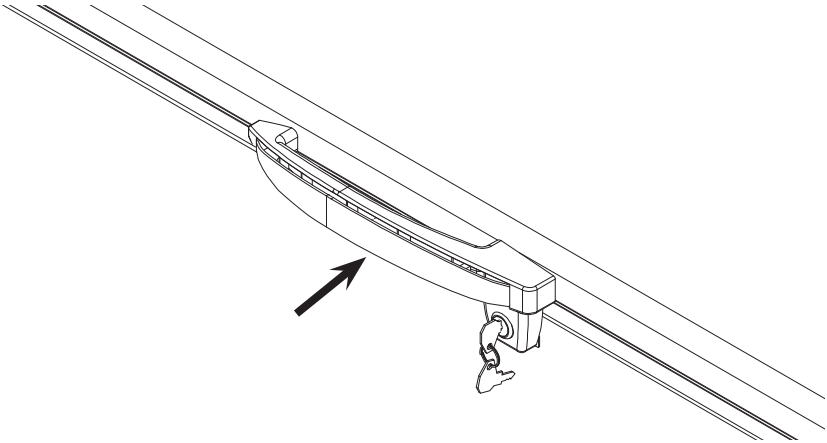
3. Insert the door handle cap on one side, as shown in the drawing.



4. Insert the other side of the door handle cap.



5. Press the cap in the center to insert it into the door handle.



GENERAL RECOMMENDATIONS

Do not leave the door open for extended periods of time.

CLEANING AND PREVENTIVE MAINTENANCE

Your unit requires very little maintenance. However, periodic cleaning can help prolong product life. Remember to disconnect the power source before cleaning. Remove all products and place them in another freezer.

1. Clean the inside and the exterior of your freezer, including the shelves, with a mild soap solution. Do not use strong detergents. Wipe dry the inside of the freezer before loading product again.

2. Plug in your unit and wait for 2 hours for the temperature to be appropriate to load your product back.

TROUBLESHOOTING CHART

Compressor will not start, no noise	1. Power disconnected	1. Check service cord for proper connection
	2. Blown fuse or breaker	2. Replace fuse or reset breaker
	3. Defective or broken wiring	3. Repair or replace
	4. Defective overload	4. Replace
	5. Defective relay	5. Replace
	6. Thermostat on off position	6. Turn dial of thermostat to on position
Warm storage temperatures	1. Not enough refrigerant	1.Leak check. Change drier, evacuate and recharge
	2. Cabinet location too warm	2. Relocate cabinet
	3. Too much refrigerant	3. Change drier, evacuate and recharge
	4. Low voltage, compressor cycling on overload	4. Check voltage supply
Compressor runs continuously-product too cold	1. Defective control	1. Replace
	2. Control feeler tube not installed in well	2. Push control feeler tube into well
	3. Not enough refrigerant	3. Leak check. Change drier, evacuate and recharge
Compressor runs continuously-product too warm	1. Not enough refrigerant	1. Leak check. Change drier, evacuate and recharge
	2. Inefficient compressor	2. Replace

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