User Manual/Installation Instructions

Model:
L24BF

Lynx Professional Grills
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INTRODUCTION

Congratulations on your purchase of a Lynx residential refrigeration product. Lynx has taken its expertise and experience into creating the highest quality and most innovative residential products on the market. Lynx’s product offering gives you the opportunity to enjoy the functionality and user friendliness outdoors, or in just about any room of your home. All Lynx products are built with commercial-grade stainless steel – providing you with the beauty and durability for a lifetime of use.

This Installation and Operation Manual will answer your questions about the features, operation and maintenance of your Refrigerated Cabinet model. If you have questions that are not addressed here, call Customer Service at 888-289-5969.

IMPORTANT

PLEASE READ all instructions completely before attempting to install or operate the unit. First, as you follow these Installation and Operation instructions, take particular note of the DANGER!, CAUTION! and WARNING! symbols when they appear. This information is important for the safe and efficient installation, operation and care of your Lynx unit.

DANGER Indicates a hazard that will result in serious injury or death if precautions are not followed.

WARNING Indicates a hazard may cause serious injury or death if precautions are not followed.

CAUTION Indicates a hazard where minor injury or product damage may occur if you do not follow instructions.

Once the unit is completely installed, we suggest you keep this manual and purchasing documentation in a safe place for future reference. Should problems occur: refer to the troubleshooting section of this manual. The information will help you quickly identify a problem and get it remedied. In the event you require assistance, please contact Lynx Customer Service.

PLEASE RECORD YOUR MODEL’S INFORMATION

Whenever you call to request information or service, you will need to know your model number and serial number. You can find this information on the serial and identification plate located on the inside ceiling of your unit and on the warranty registration card.

WARRANTY REGISTRATION CARD

The package containing this manual also includes your warranty information. Warranty coverage begins on the date your Lynx unit was originally purchased.

IMPORTANT NOTE: Take a moment to read through the included warranty statement and complete Registration as soon as possible to validate the registration date. An alternative method of completing the Warranty Registration can be accomplished online at www.Lynxgrills.com

If you do not return your Warranty Registration, Lynx will use the date of sale as the first date of warranty for your new Refrigerated Cabinet. You can also provide proof of purchase to Lynx customer service at 888-289-5969. Please record the purchase date of your Lynx product and your dealer’s name, address and telephone number.

MODEL NUMBER: ________________________

SERIAL NUMBER: ________________________

PURCHASE DATE: ________________________

DEALER NAME & ADDRESS: __________________________________________________________________________

DEALER TELEPHONE: ________________________

______________________________________
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GENERAL PRECAUTIONS

DANGER
Risk of child entrapment, before you throw away your old refrigerator or freezer, take off the doors and leave shelves in place so that children may not easily climb inside.

DANGER
Altering, cutting of the power cord, or removal of the power cord, removal of power plug, or direct wiring can cause serious injury, fire and/or loss of property and/or life and will void the warranty.

WARNING
- Never attempt to repair or perform maintenance on the unit until the electricity has been disconnected.
- The anti-tip kit must be installed on this unit before it is used. Never use the drawers, shelves or doors as steps or to support more than they were designed to support.

CAUTION
- Do not lift unit by door or door handles.
- Failure to clean the condenser every three months can cause the unit to malfunction. This could void the warranty.
- Never install the unit behind closed doors. Be sure front louvered toe plate is free of obstruction. Obstructing free airflow can cause unit to malfunction and may void the warranty.

CAUTION
Use only genuine Lynx replacement parts. Imitation parts can damage the unit, and may void the warranty.

INSTALLATION INSTRUCTIONS

General
- All electrical instructions assume that outlet is located 4 to 10 inches from the floor.
- Floor must be level in area of installation. Leg levelers are used for fine-tune adjustment only and should not be used to compensate for floor differences exceeding 1/2-inch.
- When moving unit into position, take care to protect floor surface with cardboard, rugs, etc.
- Never attempt to move unit without the aid of at least one other person.
- Always secure door shut prior to moving the unit.

Finished Opening Requirements
- Height: 34-3/8” minimum
- Depth: 35-1/2” maximum
- Width: 26-1/2”
- Width: 24-1/4”
WARRANTY

One Year Parts and Labor Warranty:

For one year from the date of original purchase, within the United States and Canada, when used and maintained according to instructions, Lynx Grills warranty covers all parts and labor to repair or replace any part of the product, which proves to be defective in material and workmanship.

Four Year Additional Compressor Warranty:

Lynx will warrant to the original user the sealed-in mechanism consisting of the motor compressor and component parts within the sealed housing of the condensing unit for an additional period of four years following the regular one-year warranty period. This plan applies to the compressor only, installed within the United States and Canada.

TERMS:

All service provided by Lynx under the above warranty must be performed by authorized Lynx service representatives, unless otherwise specified by Lynx.

Service will be provided in the home during normal business hours.

This warranty applies only to products installed for normal residential use; it does not include adjusting the controls, door reversal, light bulb or cleaning the condenser.

This warranty is extended only to the original purchaser of the Lynx product.

The above warranty does not apply if:
- Failure of product was due to transportation
- Product was: improperly installed, misused, abused, operating with low voltage, wiring not conforming electrical codes, improperly maintained or modified.
- The original Bill of Sale, delivery date or serial number cannot be verified.
- Defective parts are not returned for inspection if so required by the Lynx.

To receive parts and or service and the name of the nearest Lynx authorized service representative, contact Lynx Professional Grills Technical Service Department via the WEB at www.Lynxgrills.com, or write to: Lynx Professional Grills, Customer Service Department, 5695 Rickenbacker Road, Commerce, CA 90040, call 888-289-5969 or e-mail us at service@Lynxgrills.com.

Warranty is in lieu of any other warranties, expressed or implied and all other obligations or liabilities related to the sale or use of its refrigeration products, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose; provided however, that to the extent required by law, implied warranties are included but do not extend beyond the duration of the express warranty first set above. Lynx’s sole liability and your exclusive remedy under this warranty are set forth in the initial paragraph above. Lynx shall have no liability whatsoever for any incidental, consequential or special damages arising from the sale, use or installation of the product or from any other causes whatsoever, whether based on warranty (expressed or implied) or otherwise based on contract, tort or any other theory of liability.

Some states do not allow limitations on how long an implied warranty lasts or the exclusions of or limitation of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary, from state to state.
PREPARING THE SPACE

Make sure that the opening where the unit is to be installed is properly prepared. Refer to Figure 1 to ensure the space dimensions and electrical service are correct for the models to be installed.

CAUTION

If unit is being installed under a counter top it is required that the counter top be supported by structure other than the refrigerated cabinet to prevent damage to the counter top.

IMPORTANT NOTE: Allow 25” clearance in front of the unit for full door swing and shelf pull out.

IMPORTANT NOTE: Make sure the floor under the unit is level with the surrounding finished floor. Protect a finished floor with plywood, cardboard or some other suitable material before moving the unit into place. Failure to do this may result in damage to the floor.

PREPARING ELECTRICAL CONNECTIONS

A 115 volt, 60Hz, 15 amp circuit with GFI protection and electrical supply are required. A separate circuit is required for each Lynx unit installed.

Follow the National Electrical Code and local codes and ordinances when installing the receptacle.

All Lynx units come equipped with a NEMA 5-15P 90040 plug with a minimum of 5-feet of cord extending beyond the rear of the cabinet. The electrical outlet must be flush with or recessed into the back wall.

IMPORTANT NOTE: Never use an extension cord to extend the power cord to the electrical receptacle.

DANGER

ELECTROCUTION HAZARD!!

Electrical grounding required. This appliance is equipped with a three prong (grounding) polarized plug for your protection against possible shock hazards.

• Never remove the round grounding prong from the plug.
• Never use a two-prong grounding adapter.
• Never use extension cord to connect power to the unit.

Where a two-prong wall receptacle is encountered or a longer power cord is required, contact a qualified electrician to have it replaced in accordance with applicable electrical codes.

DANGER

Failure to comply with the above electrical guidelines may result in possible injury/death/fire or loss of property.

UNPACKING AND MOVING

CAUTION

Do not cut cardboard sleeve covering the unit. Cutting may result in damage to the exterior of the cabinet.

1. Uncrate the unit outside on a flat level surface. Remove the cardboard sleeve by removing the banding holding the sleeve to the shipping base. Carefully lift the cardboard sleeve up over the top of the unit.
2. Carefully lift unit off base and onto a hand truck or dolly (this should be done with a minimum of two people; larger units may require additional helpers). Make sure unit is balanced on transportation device. Secure unit to transportation device using soft, flexible strapping. Protect unit surfaces with cloth material where strapping contacts unit.
3. Before moving unit, secure door to unit with tape to the door closed.
4. Carefully move unit to installation site and place in front of opening.

WARNING

A minimum of two people should lift the unit of the base to prevent possible personal injury.

The refrigerated compartment is warmer than usual

• Is your control set properly?
• Is the light staying on?
• Is your condenser area clean and free of obstructions?
• Has the door been open for a long time or more frequent door openings occurred?
• Are the internal louvers and fan guard openings obstructed?
• Has warm product just been placed in the cabinet?

The refrigerated compartment is colder than usual

• Is your control set properly?
• Is your door closing and sealing properly?
• Is the ambient temperature within the normal operating range?

The refrigeration system runs for long periods of time

• Is the condenser area clean and free of obstructions?
• Have the doors been open for a long time or more frequent door openings occurred?
• Have warm product just been placed in the cabinet?
• On hot days and in warm room temperatures the system will run long.

Condensation forms inside the refrigerated compartments

• This is normal during high humidity and frequent door openings.
• Are the doors closing and sealing properly?

Condensation forms on the outside of the unit

• During periods of high humidity some condensation might appear on outside surfaces. The condensation will disappear when the humidity drops. Meanwhile, be sure doors are closing and sealing properly. If condensation persists, contact your Lynx Factory Authorized Service Center.

You need product information

• Contact Lynx Grills
• Inquire via the WEB at www.Lynxgrills.com
• Call 888-289-5969 for factory assistance for information, installation or product information.
• Write to: Lynx Corporation, Customer Service Department, 5695 Rickenbacker Rd., Commerce, CA 90040
• or e-mail us at info@lynxgrills.com

You need product service

• Check the model and serial number of your unit located on the label attached to the inside top of the cabinet. For the location of the Service Center in your area, contact your dealer, inquire via the WEB at www.Lynxgrills.com, or write to: Lynx Professional Grills, Customer Service Department, 5695 Rickenbacker Road, Commerce, CA 90040, call 888-289-5969 or e-mail us at www.Lynxgrills.com.

You need replacement parts or accessories

• Use only genuine Lynx replacement parts and accessories. Genuine Lynx parts and accessories are designed to work correctly with Lynx products and offer superior service life. The use of non-Lynx parts can damage the unit and void the warranty.
• Check the model and serial number of your unit located on the label attached to the inside top of the cabinet. For the location of the Service Center in your area, contact your dealer, inquire via the WEB at www.Lynxgrills.com, or write to: Lynx Professional Grills, Customer Service Department, 5695 Rickenbacker Road, Commerce, CA 90040, call 888-289-5969 or e-mail us at www.Lynxgrills.com.
ANTI-TIP BRACKETS

Figure 2. TWO-DRAWER ANTI-TIP LAYOUT

WARNING
Unit may tip forward when loaded racks/shelves are pulled to open position. To provide a stable
installation, the unit must be secured in place with the anti-tip brackets provided with the unit. A set of metal anti-tip brackets are supplied with the unit. The anti-tip brackets, when properly installed should secure the rear legs and prevent the unit from tipping forward.

Some installation sites may require modification to provide a secure surface for attaching the brackets.

Bracket locations

![Diagram of bracket locations]

Front of Unit

Voil area in cabinetry for Unit

Anti-Tip Bracket

Controller display is flashing "P1"
- There is a thermostat probe failure.
- There is an evaporator probe failure.

Controller display is flashing "P2"
- The internal compartment temperature has exceeded the high temperature alarm preset value for over 30 minutes.
- Check to ensure door is closed.
- Check for door gasket seal.
- Did you just install warm product?
- Is the condenser clean?
- Is the louvered toe plate obstructed?
- Has the surrounding ambient temperature changed dramatically?
- Is the interior light ON?

Controller display is flashing "HA"
- The internal compartment temperature has exceeded the low temperature alarm preset value for over 30 minutes.
- Check to ensure door is closed.
- Check for door gasket seal.
- Has the surrounding ambient temperature changed dramatically?

Controller display is flashing "EE"
- The controller has a data or memory failure

The refrigerated cabinet isn't running
- Is there electrical power to the unit?
- Is your home circuit breaker or fuse on?
- Is your ON/OFF key pad on?
- Is your condenser area clean?
CHECKING PRODUCT TEMPERATURE

To accurately check the temperature of the product stored in a refrigerated compartment, insert an accurate thermometer into a plastic (non-breakable) bottle, partially filled with water. Tighten the bottle cap securely.

Place the bottle in the desired area for 24 hours. Refrain from opening the unit during the testing period. After 24 hours, check the temperature of the water. Adjust the control settings if necessary and re-test.

Your Lynx units are pre-set in order to achieve the recommended temperature range when installed in a 70°F ambient room temperature. Factors, which affect the internal temperatures of the refrigerated cabinet, include:

- Temperature setting
- Room temperature where installed
- Number of times the door is opened and closed
- Length of times the door is opened and closed
- Length of times the door is left open
- Style of door installed
- Door gasket sealing and condition
- Amount of time the internal light is illuminated
- Installation in direct sun light or near a heat source

LIGHT BULB REPLACEMENT

To replace a defective or burnt out light bulb, unscrew the bulb counterclockwise and replace with an identical 15-Watt bulb or smaller. Contact Lynx for a replacement bulb.

MAINTENANCE

CLEANING

To clean stainless steel exterior or interior surfaces, use a soft, non-abrasive stainless steel cleaner to wipe down the these surfaces.

To clean interior and exterior non-metallic surfaces and removable parts, wash with a mild solution of soap and lukewarm water. Rinse and dry thoroughly. Avoid getting water on lights, controllers, fan motors, and unfinished wood wine rack faces.

CAUTION

Do not use abrasive cleaners or cloths on any of the interior or exterior surfaces or removable parts.

CONDENSER CLEANING

WARNING

For cleaning the condenser and other routine maintenance, shut off electricity to the unit.

In all instances, you should clean the condenser area every three months. The condenser is located behind the louvered toe plate. Avoid damaging or crushing the condenser fins or tubing. Upon completion, re-install the louvered toe plate.

CAUTION

Failure to clean the condenser could result in temperature loss or mechanical failure or damages. Clean this area every three months.
6.6 HOW TO LOCK THE KEYBOARD

1. Keep pressed for more than 3 s the UP - DOWN keys.
2. The "POF" message will be displayed and the keyboard will be locked. At this point it will be possible only to see the set point or the MAX o Min temperature stored.
3. If a key is pressed more than 3s the "POF" message will be displayed.

6.7 TO UNLOCK THE KEYBOARD

Keep pressed together for more than 3s the ▲ and ▼ keys, till the “Pon” message will be displayed.

6.9 THE ON/OFF FUNCTION

With "on = oFF", pushing the ON/OFF key, the instrument is switched off. The “OFF” message is displayed. In this configuration, the regulation is disabled. To switch the instrument on, push again the ON/OFF key.

IMPORTANT NOTE: The controller has been programmed to only allow a temperature adjustment within a specified range of 33°F to 43°F.

TOE PLATE INSTALLATION

When the unit is secured in place, install the louvered toe plate. Secure louvered toe plate by snapping the latch into the latch catch on the unit.

Refer to Figure 3 TOE-PLATE INSTALLATION ILLUSTRATION

CAUTION
The louvered toe plate must be removable for servicing. The floor cannot interfere with removal. The louvered sections of the toe plate must not be covered or obstructed so as to prevent proper air circulation.

Figure 3. TOE PLATE INSTALLATION.
SHELVING

IMPORTANT NOTE: Interior louver openings and fan guard openings should never be obstructed to achieve maximum performance.

The single door unit comes standard with black vinyl coated adjustable full extension pullout shelves.

Adjusting Full Extension Shelving

1. Pull the shelf out to its furthest position. Locate the tabs in the middle of both extenders (Figure 4), lift on tab up while pushing the opposite tab down and pull shelf out.

2. Reposition each bracket separately. Grasp the middle of the bracket, pull the front end up and out, then forward to remove (Figure 5).

3. Place bracket at the desired position. Push front hook into the rear key slot. Set front bracket on the wall hook.

4. Repeat for other bracket(s).

5. Push extenders completely into the unit. Align the shelf grooves with the extenders and slide completely into the unit.

5.1 HOW TO SEE THE MIN TEMPERATURE

1. Press and release the \( \uparrow \) key.
2. The “Lo” message will be displayed followed by the minimum temperature recorded.
3. By pressing the \( \downarrow \) key again or by waiting 5s the normal display will be restored.

5.2 HOW TO SEE THE MAX TEMPERATURE

1. Press and release the \( \downarrow \) key.
2. The “Hi” message will be displayed followed by the maximum temperature recorded.
3. By pressing the \( \uparrow \) key again or by waiting 5s the normal display will be restored.

5.3 HOW TO RESET THE MAX AND MIN TEMPERATURE RECORDED

1. Hold press the SET key for more than 3s, while the max. or min. temperature is displayed. (RST message will be displayed)
2. To confirm the operation the “RST” message starts blinking and the normal temperature will be displayed.

6.1 HOW TO SEE THE SETPOINT

SET

1. Push and immediately release the SET key; the display will show the Set point value.
2. Push and immediately release the SET key or wait for 5s to display the probe value again.

6.2 HOW TO CHANGE THE SETPOINT

1. Push the SET key for more than 2 seconds to change the Set point value.
2. The value of the set point will be displayed and the “C” or “F” LED starts blinking.
3. To change the Set point value push the \( \uparrow \) or \( \downarrow \) arrows within 10s.
4. To memorize the new set point value push the SET key again or wait 10s.

6.3 HOW TO START A MANUAL DEFROST

\( \text{Push the DEF key for more than 2 seconds and a manual defrost will start.} \)
**TEMPERATURE CONTROLLER**

SET: To display target set point. In programming mode it selects a parameter or confirms an operation.

* (DEF) To start a manual defrost.

▲ (UP): To see the max. stored temperature. In programming mode it browses the parameter codes or increases the displayed value.

▼ (DOWN) To see the min stored temperature. In programming mode it browses the parameter codes or decreases the displayed value.

To switch the instrument off, if on = OFF.

Not enabled

**KEY COMBINATIONS:**

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<td></td>
<td>Flashing</td>
<td>Anti-short cycle delay enabled</td>
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<td></td>
<td>ON</td>
<td>Defrost enabled</td>
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<td></td>
<td>ON</td>
<td>An alarm is occurring</td>
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<tr>
<td></td>
<td>ON</td>
<td>Continuous cycle is running</td>
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<tr>
<td></td>
<td>ON/F</td>
<td>Energy saving enabled</td>
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<td></td>
<td>ON/F Flashing</td>
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</tr>
<tr>
<td></td>
<td>ON/F Flashing</td>
<td>Programming phase</td>
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Each LED function is described in the following table.

**DOOR LOCK**

See Figure 6 for door lock and latch bracket details.

**DOOR HINGE REVERSAL**

Procedure for switching direction of door swing using Left Hand Hinge Kit Part No. 90197.

1. Support the door and remove the hinge pin.
2. Pull the door to the side and lower the door from the upper hinge pin and bracket.
3. Remove the Top and Bottom Cabinet Hinge Brackets and save the screws for later.
4. Remove the Hole Plugs from the Top and Bottom Hinge Bracket mounting holes, and put them in the opposite sides made vacant in Step 3.
5. Using the screws from Step 3, install the new Top and Bottom Cabinet Hinge Brackets.
6. Remove the Top and Bottom Door Hinge Brackets and Push Punger Bracket and save the screws for later.

Step 1: Support door in the open position as shown. Remove Hinge Pin.

Step 2: Pull door to the side, then lower door.

Step 3: Remove Top and Bottom Hinge brackets and save the screws for later.

Step 4: Remove the Hole Plugs from the Top and Bottom Hinge Bracket mounting holes. Then place them in the holes on the opposite side made vacant in Step 3.
7. Remove the Lynx name plate from the door using a plastic putty knife. Install the new Lynx nameplate (included).
8. Insert bearing into Top Door Hinge Bracket.
9. Insert V-block into Bottom Door Hinge Bracket and the Push Plunger bracket. Save the screws for later.
10. Attach the Top and Bottom Door Hinges and Push Plunger using screws removed in Step 6.
11. Place Lower V-Block into Lower Cabinet Hinge with notch parallel to cabinet.
12. Lift the Door Assembly and insert top pin into bearing. Then move door toward cabinet and align V-Blocks.
13. Insert and tighten the Lower Hinge Pin to complete assembly.

**OPERATION**

The Lynx L24BF comes equipped with a state of the art refrigeration system. The compressor is of a variable speed variety, which automatically changes speeds based on system conditions and load. The cabinet is equipped with an adjustable digital temperature controller and LED display.

The refrigerator is a frost-free model meaning the evaporator (cooling coil) automatically defrosts on demand at predetermined intervals. The controller also has a manual defrost soft button on the front panel signified by a melting snowflake. If depressed it will automatically put the system into a defrost cycle.

**Interior Light**

The unit is equipped with an interior light that is illuminated when the door is opened. The cabinet also comes standard with a manual light switch located next to the light. Always ensure that the manual switch is in the off position before closing the door. If manual light switch is left on for an extended period of time it may increase the cabinet temperature, especially at the top and cause the refrigeration system to run longer.

**Loading Product**

**IMPORTANT NOTE:** Before storing perishables, allow unit to run for a minimum of 24 hours to allow temperature stabilization after start-up.

When loading items into unit, do not block internal louvers and fan guard openings or performance will be decreased.

**Temperature Control Panel**

The controller is located inside of the unit. The display will read OFF when unit off and will show temperature when unit is on.

**IMPORTANT NOTE:** The led display is reading actual air temperature not product temperature. Under these conditions, an air temperature swing does not change the actual product temperature. Product temperature remains at a very stable temperature, within a 6° swing.