DRI-EAZ

Owner's Manual

LGR 7000XLi Portable Dehumidifier

Original Instructions • Models F412-230V

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The Dri-Eaz® LGR 7000XLi dehumidifier reduces humidity in enclosed environments by removing water vapor from the air. The 7000XLi is rugged, durable and highly portable, making it ideal for water damage restoration, structural drying, construction, and other applications requiring temporary, high-performance dehumidification.

Patents: *http://www.LBpatents.com*

READ AND SAVE THESE INSTRUCTIONS

SAFETY INSTRUCTIONS

WARNING! Do not alter or modify your LGR 7000XLi in any way. Use only replacement parts authorized by Dri-Eaz Products, Inc. Modifications or use of unapproved parts could create a hazard and will void your warranty. Contact your authorized Dri-Eaz distributor for assistance.

WARNING! Electric shock, rotating fan, and hot surface hazards. Unplug unit before opening cover for cleaning or servicing. Unit must be grounded.

- Inspect the power cord before use. If cord is damaged, do not use. Always grasp the plug (not the cord) to unplug.
- Insert power cord into a matching electrically grounded outlet. Do not use adapter. Never cut off third prong. Do not use an extension cord.
- The unit must be operated on a 230V/50 Hz circuit.
- Do not operate unit in standing water. Keep motor and wiring dry.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

WARNING! Do not alter or modify your LGR 7000XLi in any way. Use only replacement parts authorized by Dri-Eaz Products, Inc. Modifications or use of unapproved parts could create a hazard and will void your warranty. Contact your authorized Dri-Eaz distributor for assistance.

CONTENTS GUIDE

BEFORE YOU BEGIN

Warranty registration

Visit *warranty.drieaz.com* to register your purchase. Registration allows us to better assist you with using, maintaining or servicing your equipment, as well as to contact you in case we have important safety information concerning your Dri-Eaz product. If you determine service is required, have your equipment model, serial number and original proof of purchase available and call your distributor for assistance with obtaining a return material authorization (RMA).

INTRODUCTION

Dri-Eaz dehumidifiers reduce humidity in enclosed structural environments by removing water vapor from the air.

LGR (low-grain refrigerant) dehumidifiers like the 7000XLi utilize a pre-cooling system to boost water removal efficiency. LGR units can continue to remove moisture in drier environments where conventional refrigerants cannot.

PARTS IDENTIFICATION

FIG. A: FRONT

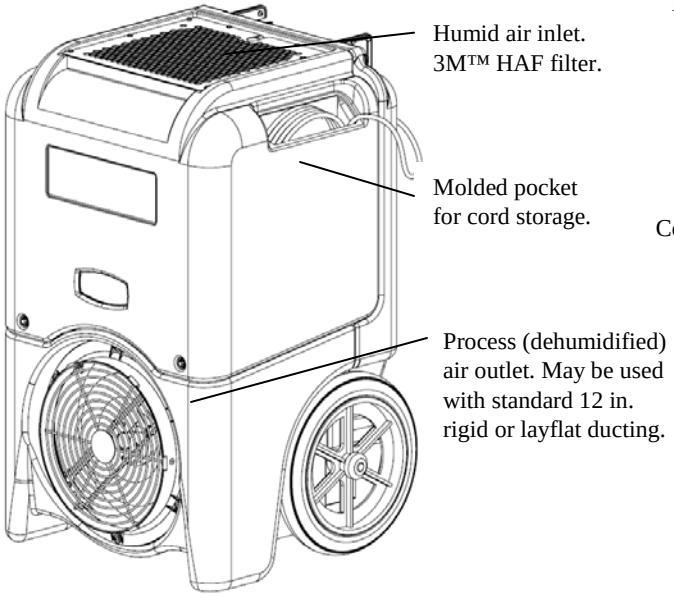


FIG. B: REAR

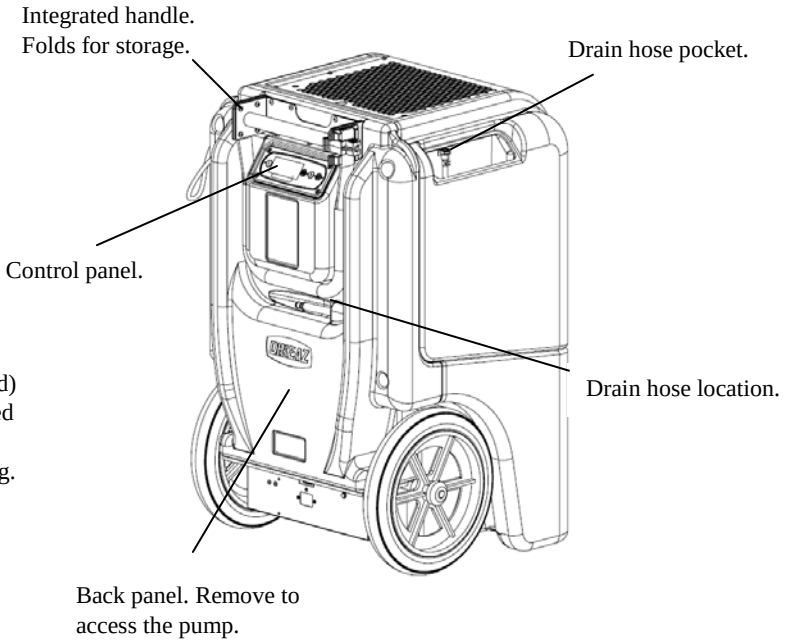
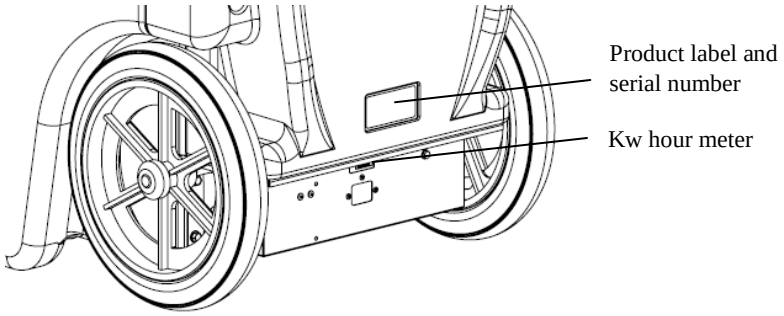


FIG. C: PRODUCT LABEL AND Kw HOUR METER



OPERATING YOUR DEHUMIDIFIER

Set unit upright

NOTICE: **Transporting or storing the unit in a horizontal position is not recommended. When the machine is placed in a horizontal position, the oil from the compressor can flow into the refrigerant coils and reduce the ability of the dehumidifier to function and possibly damage the unit. If the unit has been placed in a horizontal position, set it upright and let it stand for at least 30 minutes before turning it on.**

Positioning a Dehumidifier

For best results, operate your dehumidifiers in an enclosed area. Close all doors and windows that open to the outside to maximize the unit's water removal efficiency. Place your dehumidifier away from obstructions, and keep it away from anything that could block airflow into and out of the unit. For more information about creating an optimum drying environment, contact your Dri-Eaz distributor.

Set up drain hose

The 7000XLi condensate pump connects to a plastic drainage hose that is located in the pocket on the side of the unit. This hose is equipped with a quick-connect fitting for quick attachment to the provided 12 m drain hose. Unwrap the entire hose and place the unattached end in a sink, drain, bucket or outdoors – anywhere that water can drain out safely. If you use a bucket or other receptacle for water collection, check it regularly to prevent overflows.

NOTICE: Uncoil and straighten the entire drain hose. Do not leave any part of the hose coiled on the unit and do not place the end of the hose higher than 6 m above the bottom of the unit. Also check for kinks or other obstructions that might restrict the flow of water. Obstructions may cause a water backup and result in leakage.

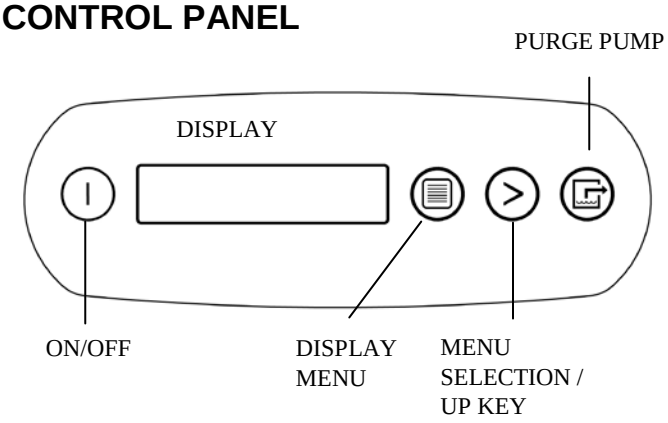
Plug in electrical cord

Remove the cord from its storage pocket and uncoil it. **The 7000XLi dehumidifier should be plugged into a 230 volt outlet rated for at least 13 amps.**

Turn the unit on

The control panel on the 7000XLi dehumidifier has a display and a touchpad with four keys. Press the ⏻ ON/OFF to turn the unit on.

CONTROL PANEL



ON/OFF	Press and release to turn unit on or off.
DISPLAY MENU	Press to select next item in menu. Menu item will show in display.
MENU SELECTION / UP KEY	Press to toggle or select values in menu displayed.
PURGE PUMP	Press and release to start purge. Display will count down seconds remaining until purge is complete.

Startup display and normal display modes

When unit is first plugged in to AC power, the control panel display will briefly cycle through a series of readouts. This is part of the unit's self-diagnosis procedure and no user intervention is required.

Once the self-diagnosis is complete, the display will switch to **normal display mode**.

UNIT ON 00 HRS
INLET 00°C / INLET 00%

The **first line** of the display shows the total number of hours the unit has been in operation. This value may be reset to zero to track job hours (see "Job Hours Reset" below). The **second line** of the display alternates between inlet temperature and inlet humidity.

User Settings Menu

A number of settings may be changed by the user. System information can also be displayed. These items are accessed by pressing ☰ DISPLAY MENU. Each press of the key will display the next parameter. When you reach the parameter you wish to adjust, press > MENU SELECTION to increase the value. Press ☰ DISPLAY MENU again to accept the setting and re-start the display cycle. If no keys are selected for 20 seconds the display will automatically reset and return to the normal display mode.

Note that only menu items followed by a greater-than symbol (**>**) may be adjusted.

All settings and modes are discussed in detail in Control Panel Guide, p. 3.

Error messages

If the 7000XLi onboard diagnostics discover a problem, the unit will display an error message. See "Error Messages," p. 17, for an explanation of each message.

Control Panel Guide

⏻ **ON/OFF.** Press to turn the unit on or off. When the machine is turned on, the display normally reads PLEASE WAIT COMP. DELAY and performs a numeral countdown from a maximum of 60 seconds to 0. This delay allows time for refrigerant pressures to equalize for easier starting. Once the unit completes the compressor delay, the display shows UNIT ON XX HRS and cycles between INLET XX°C and INLET XX%. NOTE: If no compressor delay countdown is displayed, a delay is not necessary and the machine will begin operation immediately.

☰ **DISPLAY MENU.** Press to cycle through the display of additional dehumidifier conditions and User Settings. To return to the main menu, press the ON/OFF key once.

> **MENU SELECTION.** Press to change the values of the User Defined settings. The MENU SELECTION key acts as the UP key for adjusting the setpoint for Humidistat mode operation. See User Settings Menu (below) for details.

PURGE. Press to empty water from the condensate pump reservoir. The display will read PUMP PURGING with a numeral countdown. NOTE: During normal operation, the pump purges automatically every six minutes, or whenever the reservoir is full.

Main menu display

When unit is first plugged in to AC power, the control panel display will briefly cycle through a series of

displays. This is part of the unit's self-diagnosis procedure and no user intervention is required.

Once the self-diagnosis is complete, the display will show the following information:

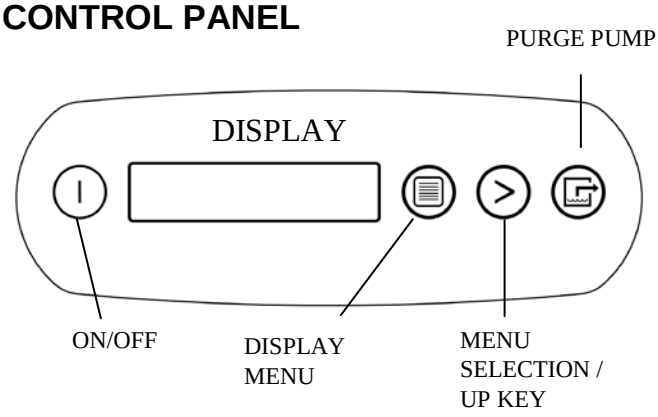
UNIT ON 00 HRS INLET 00°C / INLET 00%

The first line of the display shows the total number of hours the unit has been in operation. This value may be reset to zero to track job hours (see "Job Hours Reset" below). The second line of the display alternates between inlet temperature and inlet humidity.

User settings menu

A number of settings may be changed by the user. System information is also available. These items are accessed by pressing DISPLAY MENU. Each press of the key will display the next parameter (see list below). When you reach the parameter you wish to adjust, press MENU SELECTION to increase the value. Press DISPLAY MENU again to accept the setting and re-start the display cycle. If no keys are selected for 20 seconds the display will automatically reset and return to the normal display mode.

CONTROL PANEL



Note that only menu items followed by a greater-than symbol (**>**) may be adjusted.

JOB HOURS RESET? >

Press MENU SELECTION to reset hours to zero. NOTE: When in Humidistat mode, the unit will display HUMIDISTAT on the top line during normal operation rather than JOB HOURS.

LIFE HOURS 00 HRS

Shows total unit operating hours. Value cannot be modified.

INLET	OUTLET
00° 00%	00° 00%

Shows current temperature and RH of inlet and outlet.

Humidistat Mode

HUMIDISTAT MODE ON/OFF >

In ON mode, unit will maintain the humidistat setpoint (see below). Press MENU SELECTION to toggle between ON and OFF. NOTE: When in Humidistat mode, the unit will display HUMIDISTAT on the top line during normal operation rather than JOB HOURS.

HUMIDISTAT SETPOINT 00% >

Sets humidity level when unit is in Humidistat Mode. Press MENU SELECTION to change RH value. Each press of the button increases the setting by 5% increments, cycling through 90%RH and starting again at 30%RH.

TEMP UNITS °C >

Shows current temperature scale. Press MENU SELECTION to select Fahrenheit or Centigrade scale.

LANGUAGE ENGLISH >

Shows current display panel language. Press MENU SELECTION to select Spanish, German, French or English.

COIL TEMP 00°C

Displays the cold (evaporator) coil temperature.

SENSOR ID > 00000000

This function is not used on the 7000XLi.

COMPRSSR CURRENT 0.0 A

Shows compressor current draw in amps.

At the end of the job

Before removing the unit from the job site, make sure the unit is completely purged of water before moving it:

1. Press the PURGE key. When the purge cycle is complete, turn the unit off.
2. Remove the external drain hose, drain it carefully, and return it to the pocket provided on the side of the unit.

Special Tip:

Before transporting unit on stairs, follow these additional steps to ensure that all water is removed from the unit:

1. Turn the unit off after a defrost cycle has been completed. Gently rock the upright machine on its wheels to ensure any water remaining on interior surfaces falls into the sump area.

2. Press the PURGE key. When the purge cycle is complete, turn the unit off.

3. Remove the external drain hose, drain it carefully, and return it to the pocket provided on the side of the unit.

NOTICE: To ensure the condensate tank empties completely while purging, make sure the unit is set fully upright.

TRANSPORTATION AND STORAGE

NOTICE: Handle the unit carefully. Do not drop, throw, or place the unit where it could fall. Rough treatment can damage this equipment and may create a hazardous condition or void warranty.

- Do not expose the control panel to moisture, snow or rain.
- Store securely to avoid any damaging impact to internal parts.
- Secure during transport to prevent sliding and possible injury to vehicle occupants.

Special tip for transporting on stairs:

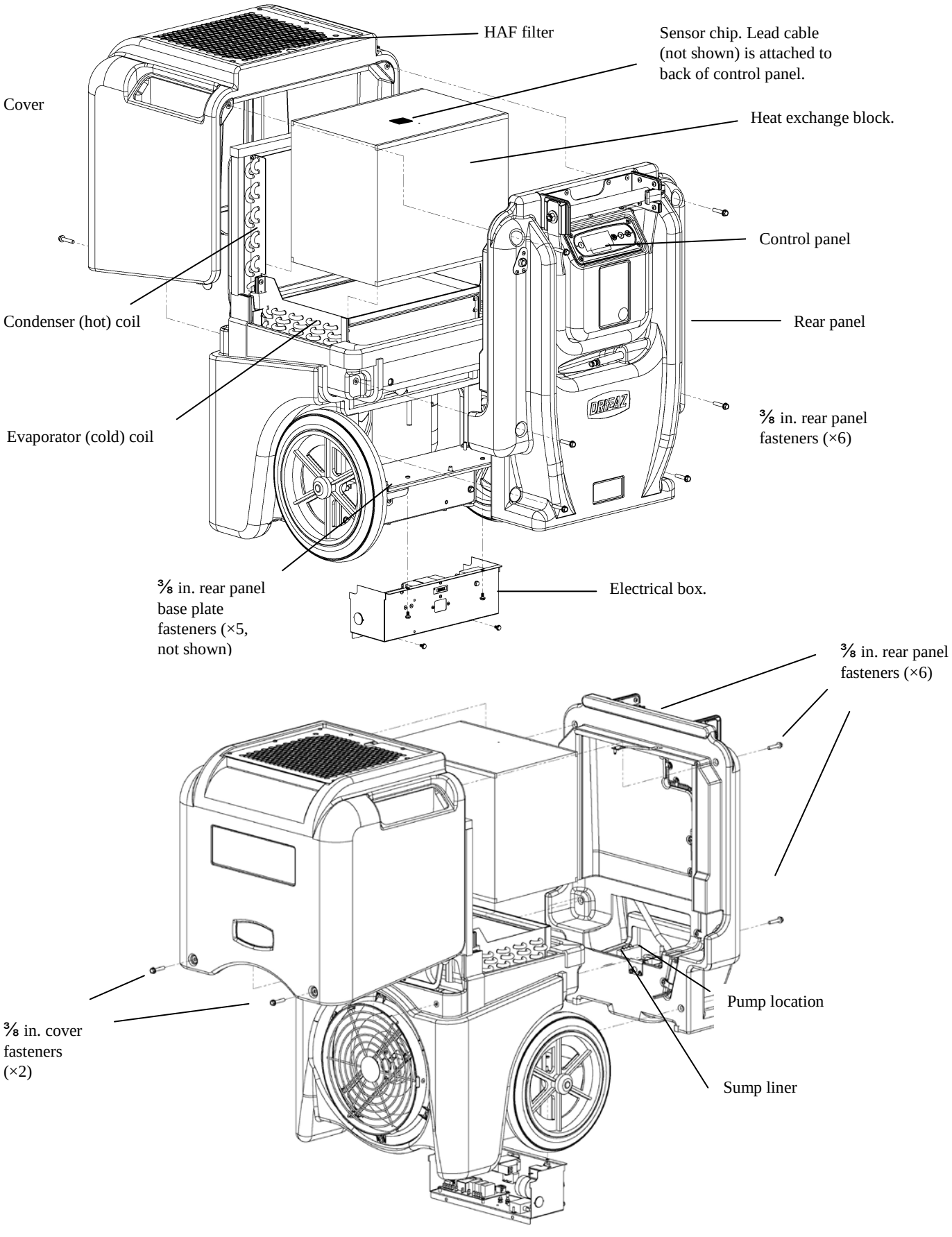
Before transporting unit on stairs, follow these additional steps to ensure that all water is removed from the unit:

1. Turn the unit off after a defrost cycle has been completed. Gently rock the upright machine on its wheels to ensure any water remaining on interior surfaces falls into the sump area.

2. Press the PURGE key. When the purge cycle is complete, turn the unit off. ***NOTICE:*** **To ensure the condensate tank empties completely while purging, make sure the unit is set fully upright.**

3. Remove the external drain hose, drain it carefully, and return it to the pocket provided on the side of the unit.

FIG. D: PARTS DIAGRAM



MAINTENANCE SCHEDULE

WARNING! ELECTRIC SHOCK HAZARD. Unplug the dehumidifier before performing any maintenance.

WARNING: Risk of dust and contaminants exposure. Use of respirator mask and gloves is recommended. If unit has been exposed to potentially dangerous contaminants, clean thoroughly and sanitize before reuse.

NOTICE: The unit is fitted with sensitive electronic sensors. Protect the sensors and their lead wires from damage and do not expose them to water or cleaning solution.

The following tools and supplies are needed to complete the maintenance procedures described in this manual:

Philips screwdriver
Flat blade screwdriver
Needle-nose pliers
$^{9}/_{16}$ in. wrench
$^{3}/_{8}$ in. nutdriver or socket
$^{5}/_{16}$ in. socket (to remove pump)
6 in. socket extension
Ratchet wrench
Cleaning cloths
HEPA vacuum cleaner with soft brush nozzle and crevice nozzle.

Recommended
Cordless drill, small knife, small-jaw pliers, coil cleaning solution, rotomolded housing cleaning solution

Before each use

Inspect the electrical cord for damage. Look for fraying, cuts, etc. Replace the cord if you find any damage.

Inspect, vacuum or replace filter. The High Airflow (HAF) filter **may be vacuumed clean and reused up to three times before replacement**. Use a HEPA vacuum and brush tool to remove any dust or debris. Do not use compressed air or expose the filter to any liquids, as may damage the filter.

NOTICE: Replace used filters only with a new HAF filter (Dri-Eaz part no. F368). Other filter types do not provide adequate filtration or airflow. Be sure to install the new filter in the correct orientation. See “Installing the HAF Filter,” p. 8. See also “About HAF Filters,” below.

Monthly

Inspect coils and heat exchange block. Clean when dust accumulation is visible. In normal use, dust can accumulate and can restrict airflow, reducing performance and causing the unit to overheat. See “Cleaning Coils and Heat Exchange Block,” p. 7.

To maintain appearance, wipe interior and exterior surfaces with a damp cloth. For deep cleaning and a lasting, protective shine, use Dri-Eaz MicroGuard Cleaner and MicroGuard Protectant, available from Dri-Eaz, or a similar automotive interior treatment.

As Needed

Clean Pump Check Valve and Basin. If the unit displays the message “ER9 PUMP BLOCKED CHECK PUMP & HOSE”, the pump check valve and pump basin may need to be cleaned. For instructions, see “Inspecting and Cleaning the Pump,” p. 11. This requires removal of the back cover.

Clean coils and heat exchange block. Inspect the horizontal evaporator (cold) coil with the back cover removed. If excessive dust and debris is present, vacuum thoroughly and/or clean with coil cleaner. See “Cleaning Coils and Heat Exchange Block,” p. 7.

CLEANING THE COILS AND THE HEAT EXCHANGE BLOCK

To help keep the unit operating efficiently, keep the coils and the air-to-air heat exchange block clean, and periodically remove any accumulated dust and debris from interior surfaces. These components and surfaces are easily accessed by removing the cover and rear panel. See “Cleaning Coils and Heat Exchange Block,” p. 7.

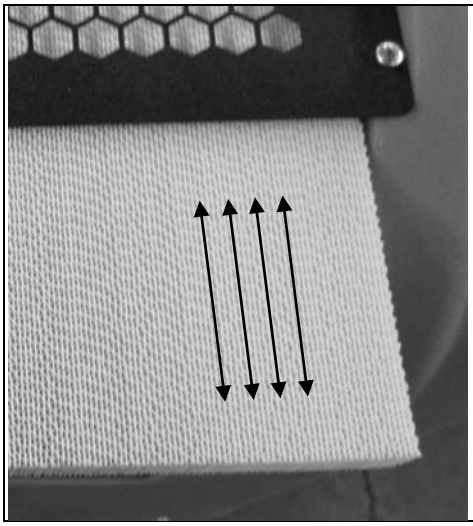
ABOUT 3M™ HAF FILTERS FROM

HAF filters from 3M provide superior particle retention, resist microbial growth on filter surfaces and allow for maximum airflow throughout the filter loading cycle. Follow these guidelines to ensure maximum protection for equipment, technicians and the job site:

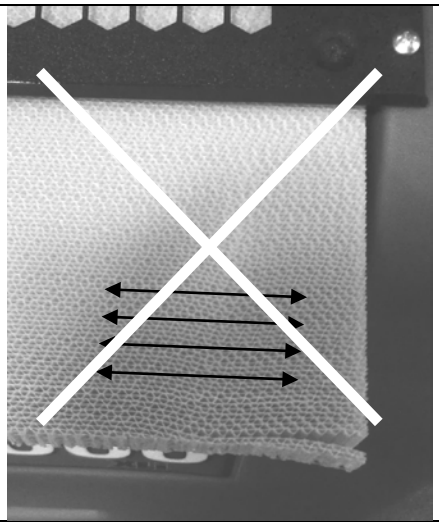
Replace the HAF filter whenever it has been vacuumed clean and reused three times. HAF filters lose their effectiveness after three uses.
Replace the HAF filter whenever it has been used on a mold remediation job or otherwise exposed to potentially dangerous contaminants. Continued use of a contaminated filter risks the spread of contamination.
Do not wash or apply any liquids to the HAF filter. Exposure to liquids will reduce the effectiveness of the electrostatic material.
Do not operate without the HAF filter in place. Do not operate the unit with any other filter type. Incorrect filtration will reduce unit efficiency and can cause damage to the unit.
Do not operate the unit when excessive dust or airborne particles are present. The high volumes of particulates present during sanding, spray painting, or similar operations can clog the unit and cause damage.

Installing the HAF filter

To protect your HAF Filter from damage, make sure you insert the filter in the correct orientation.



CORRECT.
Filter plies are in line with direction of insertion.



INCORRECT.
Filter plies are set 90 to direction of insertion. Subsequent removal may pull apart plies and damage the filter.

Disassembling the unit to clean coils and the heat exchange block

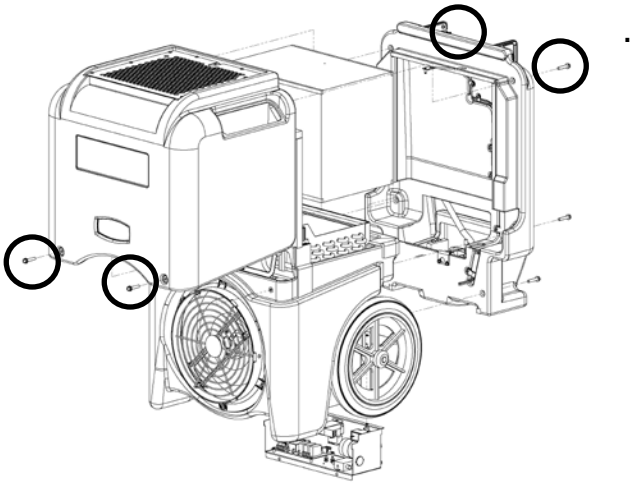
WARNING: Danger of electric shock. Unplug unit before servicing.

WARNING: Risk of dust and contaminants exposure. Use of respirator mask and gloves is recommended. If unit has been exposed to potentially dangerous contaminants, clean thoroughly and sanitize before reuse.

NOTICE: The unit is fitted with sensitive electronic sensors. Protect the sensors and their lead wires from damage and do not expose them to water or cleaning solution.

Before proceeding, remove pump hose at quick-disconnect.

Remove the four $^{3}/_{8}$ in. cover bolts shown:

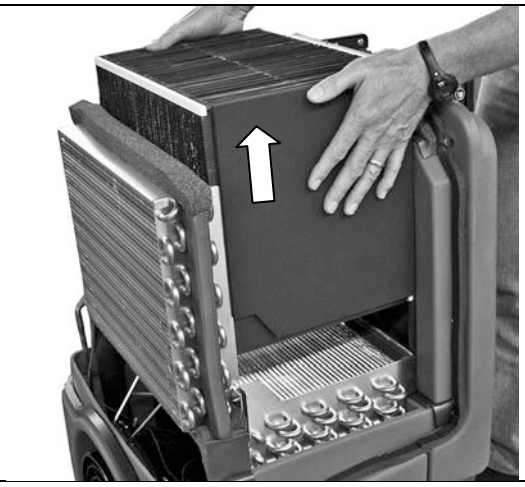


Lift off front cover and set aside.

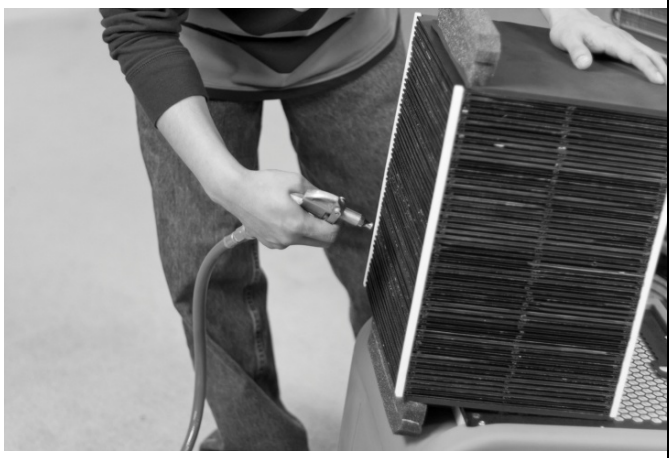
Disconnect the sensor chip assembly from the block. Gently lift the chip and the mounting post together out of the block.

NOTICE! The sensor chip assembly is fragile. Handle with care at all times. To avoid damaging the sensor with a static electricity discharge, do not touch the sensor circuitry, and do not place any tape or other material in contact with the sensor circuitry.

Lift the heat exchange block straight upward off the base. Note orientation of block for reassembly.



Inspect the heat exchange block carefully. If dust is present, use compressed air or a HEPA-filtered vacuum cleaner to gently clear the channels of the block.



Inspect the vertical condenser (hot) coil. If dust is present, vacuum or use compressed air on both sides of the coil until it is clean. Take care not to bend or damage the fins. Vacuum the outside (shown) and inside surface of the vertical coil.

NOTICE: Do not use coil cleaning solution on the vertical condenser coil. The solution may drip on to sensitive internal components and damage them.

The **horizontal evaporator (cold) coil (not shown) should also be vacuumed.** For more thorough cleaning, remove the back cover and use coil cleaner. See “Inspecting and Cleaning the Pump Check Valve,” p. 11.

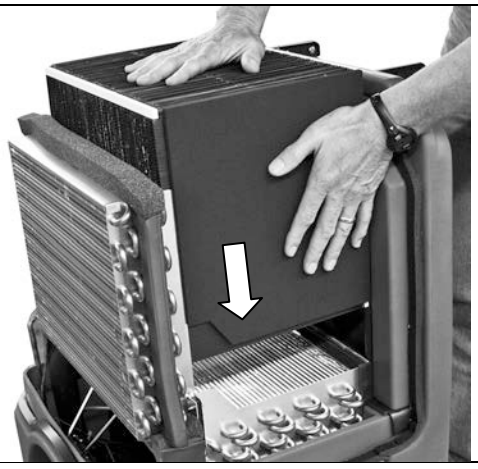
Reinstalling the Heat Block and Top Cover

Notice: Take care not to cross-thread or over-tighten the bolts. Always start the bolts by hand to make sure they are properly threaded before tightening.

Reinstall the heat exchange block. Be sure to position it in the original orientation.

Carefully **reseat the heat exchange block.** Make sure that the block is flush against the base and vertical condenser (hot) coil,

Make sure the top of the block is flush with the top of the condenser coil.



Replace the sensor chip assembly in to the heat exchange block.

NOTICE! The sensor chip assembly is fragile. Handle with care at all times. To avoid damaging the sensor with a static electricity discharge, do not touch the sensor circuitry, and do not place any tape or other material in contact with the sensor circuitry.

Slide the top cover straight down into place. Make sure the foam rubber seal strips are in place and are not kinked or folded.

Replace the front cover. Insert and tighten the front cover $^{3}/_{8}$ in. bolts by hand. After they are hand tight, install and tighten the two back cover bolts.

NOTICE: Be sure housing bolts are properly threaded before tightening. Do not overtighten. Do not use a power tool!

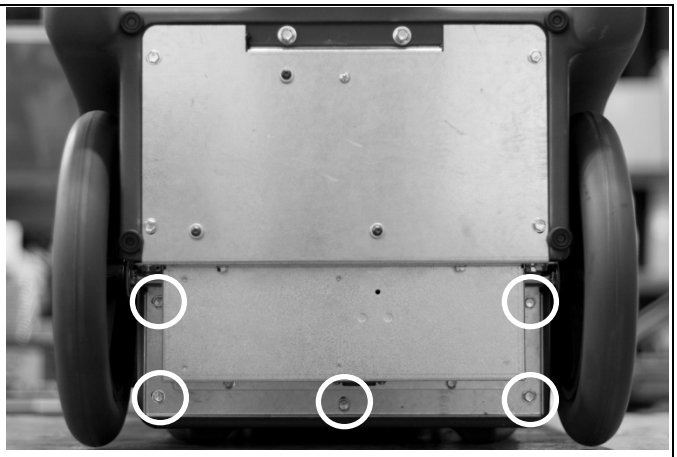
The unit is now ready for use.

INSPECTING AND CLEANING THE PUMP CHECK VALVE

Remove the five base plate $^{3}/_{8}$ in. bolts. For easier access to these bolts, lay the unit on its back.

NOTICE: Do not place unit on its front, as this might cause any residual water to drip into sensitive electronic components.

Remove the front cover as described under “To disassemble the unit for cleaning coils and heat exchange block,” p. 8.



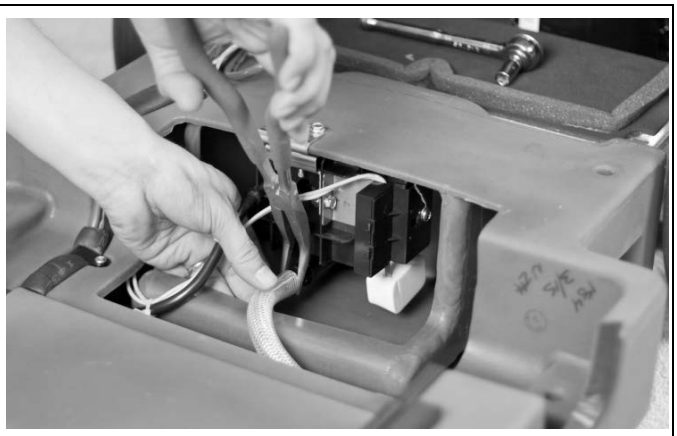
Stand the unit upright and **remove the front cover** as described under “To disassemble the unit for cleaning coils and heat exchange block,” p. 8.

Now **remove the four rear panel $^{3}/_{8}$ in. bolts**.

Tip the top of the rear panel away from the unit and lay it flat in front of the unit. It is not necessary to disconnect the wire harness from the rear panel or from the electrical box.

Clean the horizontal cold (evaporator) coil. Use a vacuum or condenser coil cleaner. If using the coil cleaner, use a small container to capture runoff from the drain basin.

Clean and inspect the the pump check valve. First, use needle-nosed pliers to remove the pumpout hose from the barbed fitting on the pump. Tuck the hose inside the back cover housing.



Remove the two $^{5}/_{16}$ in. bolts securing the pump mounting bracket.

Slide the pump and pump bracket assembly out of the pump well. It is not necessary to disconnect any electrical cables.

When the pump is free of the housing, rotate it upward and out of the pump well to more easily access the check valve.

NOTICE: Take care not to bend or damage the "marshmallow" float assemply.

Clean and inspect the check valve. Using a $^{9}/_{16}$ in. wrench or adjustable end wrench, unthread the check valve fitting and remove it from the pump.

Using small-jawed pliers, carefully remove the valve compression fitting and the “duckbill” valve.

Rinse all three items in clean water.

Reassemble the check valve components in the sequence shown.

Thread the check valve assembly back into pump outlet.

NOTICE: Make sure o-ring is properly seated before tightening. Do not overtighten.

Wipe out the pump basin with a clean, dry cloth.

Reassembling pump and back cover

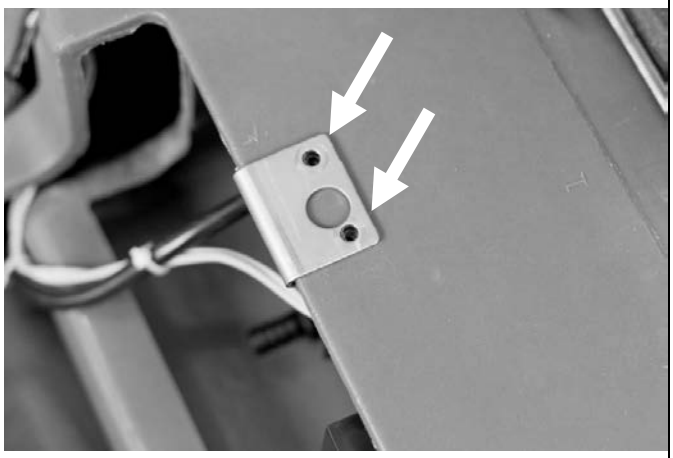
Reinstall pump. Slide pump and pump bracket back into place.

Ensure that the two holes in the bracket, the rotomolded housing and the pump basin are properly aligned before inserting and starting the bolts by hand.

Reinstall the two $^{3}/_{8}$ in. bolts securing the pump mounting bracket. Do not overtighten.

Reinstall drain hose on to pump outlet.

Tip back cover into place. Ensure that the sealing strips are properly aligned and free of kinks.



Replace four bolts on the lower half of the back cover. Leave bolts snug but not tight. Now place the unit on its back.

NOTICE: Be sure housing bolts are properly threaded before tightening. Do not overtighten. Do not use a power tool!

Reinstall five bottom plate $^{3}/_{8}$ in. bolts.

Now set the unit upright and tighten the four back cover bolts.

Reinstall the top cover. See “Reinstalling the Heat Block and Top Cover” beginning on p. 10.

TIP: Tighten cover bolts in increments from the bottom upward to create the best seal. As you tighten, check for proper alignment and ensure that all seals are in place and free of kinks.

The unit is now ready for use.

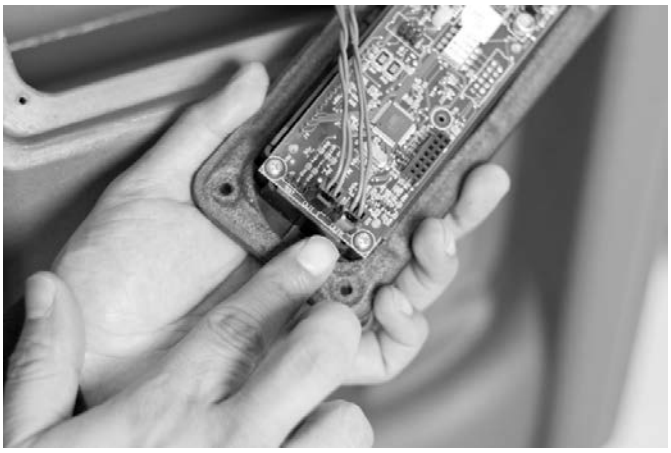
INSPECTING THE CONTROL PANEL

Using a Philips screwdriver, **remove the four baseplate retaining screws.**

Carefully lift out the control panel. The sensor connections are located on the underside of the panel.

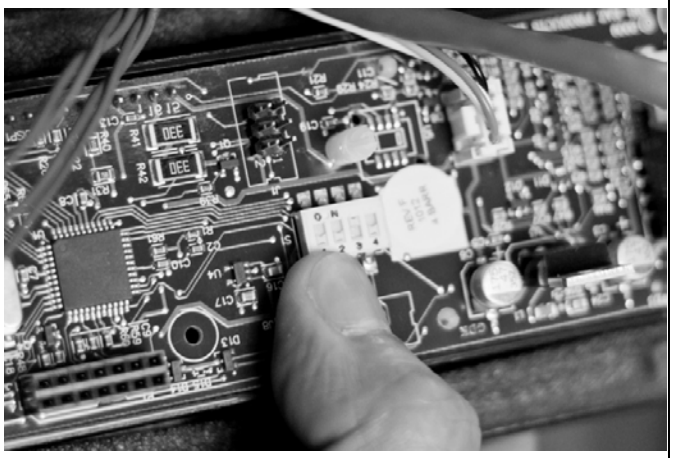
The sensor connections are labeled “OUT T” (outlet temperature sensor) and “DEFR” (defrost sensor).

Note that the DEFR cable is marked with silver paint. Make sure each cable is connected in the correct location and that they are firmly seated.



The DIP switch is located in the center of the panel. *Do not change the the DIP settings* unless instructed by qualified service personnel to do so.

NOTICE! The control panel circuit board contains sensitive electronic components. Handle with care at all times. To avoid damaging the circuit board with a static electricity discharge, do not touch the circuitry with your finger or tool, and do not place any tape or other material in contact with the circuit board.



When inspection is complete, replace the controller in the housing and tighten down the screws. Do not overtighten.

ERROR MESSAGES

The LGR 7000XLi control system constantly monitors internal operating conditions. If the system detects an problem, it will produce an error ("ER") message indicating the problem. If the display shows an ER message, first unplug the unit and then plug it back in. This will usually reset the electronics, and the unit will begin operating normally. If the error message reappears, refer to the explanation and solution shown below. If this still does not fix the problem, contact your local authorized service center or call the Dri-Eaz Service Department at 800-932-3030.

NOTE: The message "POWER FAILURE" is not a system error. When this message is displayed, it indicates that power to unit was interrupted and then restored. To clear the message, press the > MENU SELECTION key.

CONTROL PANEL MESSAGE	EXPLANATION AND SOLUTION
ER1 CONTACT SERVICE CENTER	Voltage error. Confirm that unit is connected to a suitable AC power supply and that the circuit is not overloaded. If supply is correct, the electronic control panel may require replacement. If error persists, contact service.
ER2 CONTACT SERVICE CENTER	Control panel error. The electronic control panel may require replacement. If error persists, contact service.
ER3 CONTACT SERVICE CENTER	Unit in defrost too long. Check defrost sensor cable for proper connection. See "Inspecting the Control Panel," p. 16, for instructions. If error persists, sensor assembly may require replacement. Contact service.
ER4 √ DEFROST SENSOR CONNECT *– alternate message –* ER4 √ OUTLET SENSOR CONNECT	Sensor error. Check defrost sensor cable for proper connection. See "Inspecting the Control Panel," p. 16, for instructions. If error persists, sensor assembly may require replacement. Contact service.
ER5 √ SENSOR CONNECTION ON BD	Low voltage board error. Check outlet temp sensor cable for proper connection. See "Inspecting the Control Panel," p. 16, for instructions. If error persists, sensor assembly may require replacement. Contact service.
ER6 CONTACT SERVICE CENTER	High voltage error. The high voltage board may require replacement. If error persists, contact service.
ER7 INVALID MODEL SETTING	Control board DIP switch settings or firmware version may be incorrect. If error persists, contact service. Service may ask you to verify DIP switch settings. See "Inspecting the Control Panel," p. 16, for instructions.
ER8 BUTTON STUCK ✓ ALL BUTTONS	Press each membrane key and check for proper operation. If a key doesn't function, or if the error persists, the membrane overlay may require replacement. Contact service.
ER9 PUMP BLOCKED ✓ CHECK PUMP & HOSE	Check for obstructions in drain hose. If clogged, remove hose from unit and blow tube out with compressed air. Inspect and clean the pump check valve and pump basin. See "Cleaning and Servicing the Pump," p. 11.

TROUBLESHOOTING

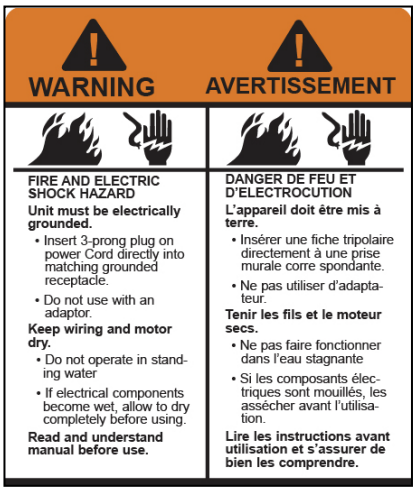
FAULT	CAUSE	SOLUTION
Water drips out when moving unit	Unit was unplugged before purging was complete.	Purge unit before moving. See “At the End of the Job,” p. 4.
Unit does not operate	Unit not switched on. No power to machine.	Switch unit on. Plug in unit; check power cord connection at wall outlet and at base of unit.
Blower wheel not turning	Obstructed blower.	Remove duct ring and grill and remove obstruction. Replace duct ring and grill.
Unit operating, but room not dry	Not enough time to dry. Poor air movement in room. Excessive moist air infiltration.	Allow more time for drying. Increase air movement with air movers. Seal off area to reduce infiltration.
Unit collects too little water	Room air is dry. Room temperature is too low. HAF filter is full. Heat exchange block and/or coils are clogged.	Confirm humidity level with hygrometer. Increase room temperature. Check filter. Clean or replace as necessary. Check heat exchange block and coils. Clean as necessary.
If the problem you are experiencing is not listed here, call your local distributor or contact our Service Department toll-free at 800-932-3030 for further assistance.		

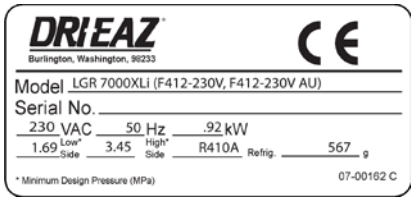
SPECIFICATIONS

Model	LGR 7000XLi F412-230V, F412-230V AU, F412-230V HE
Weight (with cord and hose)	49 kg
Dimensions (H × D × W)	85 × 51 × 51 cm
Amperage	4.0A
Power	230V / 50Hz
Water removal (30°C/80%RH)	83 l /day
Water removal (20°C/60%RH)	43 l / day
Process air (max.)	513 CMH
Noise level (avg.)	71 dB
Air filter	3M™ HAF filter Part no. F368 (24 pack)
Drain hose	12.2 m
Power cord	7.6 m
Construction	Rotomolded shell.
Safety	CE
Specifications are subject to change without notice. Some values may be approximate. *Fan speed varies automatically for optimized performance.	

Warranty information is available at *www.dri-eaz.com*. Be sure to visit *warranty.drieaz.com* and register your purchase. Your registration will help us provide you with updated product information as needed.

For proper disposal, this unit should be taken to a recycler licensed to process refrigeration equipment.





ELECTRICAL SCHEMATIC