

XPOWER XD-85LH

XPOWER XD-85LH Commercial LGR Dehumidifier User Manual

Model: XD-85LH | Brand: XPOWER

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your XPOWER XD-85LH Commercial LGR Dehumidifier. Please read it thoroughly before initial use and keep it for future reference.

Key Features

- **Commercial Grade Dehumidification:** Designed for robust humidity control and water removal in indoor spaces.
- **Maximum Humidity Control:** Capable of reducing humidity levels to 25% or lower.
- **Efficient Water Removal:** Removes 85 pints per day at AHAM (80°F, 60% RH).
- **Adjustable Digital Control:** Features a programmable digital control panel with dual intake technology for enhanced efficiency.
- **Portability:** Equipped with a built-in handle and wheels for easy transportation.

XD-85LH LGR DEHUMIDIFIER



COMMERICAL GRADE

For humidity control
and water removal of
indoor spaces

Xactimate Code:
WTRDHM>L

MAXIMUM HUMIDITY CONTROL

Drop humidity down to
25% or lower

WATER REMOVAL EFFICIENT

Remove 85 pints per day
at AHAM (80°F, 60% RH)

ADJUSTABLE FEATURES

Programmable digital
control with dual
intake technology to
boost efficiency and
performance

Image: The XPOWER XD-85LH LGR Dehumidifier showcasing its commercial grade, maximum humidity control, efficient water removal, and adjustable features.

SETUP

Unpacking and Initial Placement

Upon receiving your dehumidifier, ensure it is placed upright for at least **one hour** before operation. This allows the refrigerant inside the machine to stabilize. If the unit was tilted during transportation, allow it to remain upright for **four hours** before turning it on.

Connecting the Drainage Hose

Locate the drainage hose connection point on the unit. Simply plug in the provided drainage hose until it snaps securely into place. The powerful water pump can discharge water up to 16 feet (approximately 5 meters) vertically.

XD-85LH FEATURES



DIGITAL CONTROL PANEL

Simple to program and easy to use, monitors current humidity and records operating time

DRAINAGE SYSTEM

Automatic purge pump with auto-monitoring collection tank levels

BUILT-IN HANDLE AND WHEELS

Convenient transportation from site to site

Image: Close-up of the XPOWER XD-85LH LGR Dehumidifier highlighting the digital control panel, drainage system, and built-in handle and wheels.

Power Connection

Once the drainage hose is connected and the unit has been upright for the recommended time, plug the power cord into a suitable electrical outlet. The unit is now ready for operation.

CORD MANAGEMENT



Image: The XPOWER XD-85LH LGR Dehumidifier demonstrating its integrated cord management system for both the 25ft power cord and 40ft hose pump.

Video: A short preview demonstrating the initial setup steps, including upright positioning, drainage hose connection, and power connection.

OPERATING INSTRUCTIONS

Control Panel Overview

The digital control panel allows for easy programming and monitoring of the dehumidifier's operation. Below is a breakdown of the main buttons and indicators:

- **Power Button (Top Left, Red):** Turns the unit on or off.
- **CT (Coil Temperature):** Displays the temperature of the internal coil.
- **F/C (Fahrenheit/Celsius):** Toggles the temperature display between Fahrenheit and Celsius.
- **Manual Drain Button (Top Right, Icon with water and arrow):** Initiates a manual purge of collected water. The powerful pump can complete this in approximately 25 seconds.

- **Plus (+) and Minus (-) Buttons:** Used to adjust the desired relative humidity (RH) level.

Adjusting Humidity Settings

Use the **Plus (+)** and **Minus (-)** buttons to set your desired relative humidity. The unit allows for settings between 30% and 90% RH.

Understanding Display Indicators

- **Raindrop Icon:** Indicates that the dehumidifier is actively working and removing moisture from the air.
- **Top Middle Icon (Water with lines):** Signifies that the unit is currently purging and draining water.
- **Circle with Fan Blades Icon:** Represents the fan speed.
- **% RH:** Displays the current relative humidity.
- **TOTAL TIME:** Shows the total operating hours of the unit.

Video: A short preview detailing the functions of the control panel buttons and display indicators.

MAINTENANCE

Automatic Defrost Function

The XPOWER XD-85LH is equipped with a smart automatic defrost function. This means the machine will automatically defrost itself as needed, eliminating the need for manual intervention or turning the unit off for defrosting.

General Care

Regularly inspect the unit for any debris or obstructions in the air intake and exhaust areas. Keep the exterior clean with a damp cloth. Ensure the drainage hose is free from kinks or blockages to maintain continuous operation.

TROUBLESHOOTING & FAQs

How to Confirm Machine Operation

If the **raindrop icon** is displayed on the control panel, it indicates that the dehumidifier is actively collecting water from the air and functioning correctly.

Ensuring Continuous Operation

To ensure the machine runs continuously, press the **Minus (-)** button until the display shows "30% RH". Then, press the **Minus (-)** button one more time. The display will show "CO", which stands for "Constant On" or "Constant Dehumidification", ensuring the unit operates without stopping based on humidity levels.

Water Pump Height Capability

The integrated water pump is very strong and can pump water up to approximately **16 feet (5 meters)** vertically, allowing for flexible drainage options.

Video: A short preview addressing frequently asked questions regarding the dehumidifier's operation and capabilities.



SPECIFICATIONS










Brand	XPOWER
Model Name	XD-85LH
Color	Blue
Capacity	85 Pints/Day (AHAM)
Product Dimensions	22.2"D x 13.1"W x 29.9"H
Item Weight	67.2 Pounds
Material	Roto-Mold PE
Wattage	770 watts
Air Flow Capacity	180 Cubic Feet Per Minute
Recommended Uses	Commercial, Basements, Crawlspace

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official XPOWER website. Keep your purchase receipt as proof of purchase for any warranty claims.

Related Documents - XD-85LH

 <p>Model / Modelo / Modeller XD-85LH, XD-85L2, XD-125Li</p> <p>(LGR) (RHR)</p> <p>Low Grain Refrigerant Dehumidifier Owner's Manual Read and save this instruction sheet</p> <p>LGR Dehumidificador Refrigerante de Grano Bajo Manual del Usuario Leer y guardar estas instrucciones</p> <p>LGR Déshumidificateur à grain bas Manuel d'usage Lire et garder ces instructions</p> <p>www.xpower.com 1-800-855-8833 1-800-855-8833</p> <p>Model / Modelo / Modeller XD-85LH, XD-85L2, XD-125Li</p> <p>(LGR) (RHR)</p> <p>Low Grain Refrigerant Dehumidifier Owner's Manual Read and save this instruction sheet</p> <p>LGR Dehumidificador Refrigerante de Grano Bajo Manual del Usuario Leer y guardar estas instrucciones</p> <p>LGR Déshumidificateur à grain bas Manuel d'usage Lire et garder ces instructions</p>	<p>XPOWER XD-85LH, XD-85L2, XD-125Li Low Grain Refrigerant Dehumidifier Owner's Manual</p> <p>This owner's manual provides detailed instructions for the XPOWER XD-85LH, XD-85L2, and XD-125Li Low Grain Refrigerant (LGR) Dehumidifiers, covering installation, operation, safety, maintenance, and troubleshooting.</p>
 <p>Model / Modelo / Modeller XD-85LH, XD-85L2, XD-125Li</p> <p>(LGR) (RHR)</p> <p>Low Grain Refrigerant Dehumidifier Owner's Manual Read and save this instruction sheet</p> <p>LGR Dehumidificador Refrigerante de Grano Bajo Manual del Usuario Leer y guardar estas instrucciones</p> <p>LGR Déshumidificateur à grain bas Manuel d'usage Lire et garder ces instructions</p>	<p>XPOWER XD-85LH, XD-85L2, XD-125Li Dehumidifier User Manual</p> <p>Comprehensive user manual for XPOWER XD-85LH, XD-85L2, and XD-125Li commercial dehumidifiers, covering safety, installation, operation, troubleshooting, technical specifications, and warranty information.</p>

  <p>Model / Modèles / Modelos: XD-85LH, XD-85L2 (1718 MBH)</p> <p>Intervallzeit mit geringer Feuchte Bedienungsanleitung für Luftentfeuchter</p>  <p>Einheit: 100 L/h Ausgang: 11 L/h</p>	<p>XPOWER XD-85LH & XD-85L2 LGR Luftentfeuchter Bedienungsanleitung</p> <p>Umfassende Bedienungsanleitung für die XPOWER LGR Luftentfeuchter Modelle XD-85LH und XD-85L2. Enthält Sicherheitshinweise, Installationsanleitungen, Bedienung, Fehlerbehebung und technische Spezifikationen.</p>
  <p>Model: XD-85LH, XD-85L2, XD-125Li (1718 MBH)</p> <p>Intervallzeit mit geringer Feuchte Bedienungsanleitung für Luftentfeuchter</p>  <p>Einheit: 100 L/h Ausgang: 11 L/h</p>	<p>XPOWER XD-85LH, XD-85L2, XD-125Li LGR Dehumidifier Owner's Manual</p> <p>Comprehensive owner's manual for XPOWER XD-85LH, XD-85L2, and XD-125Li LGR dehumidifiers. Includes safety instructions, installation, operation, maintenance, troubleshooting, technical specifications, and warranty information.</p>
  <p>Model / Modèles / Modelos: XD-85LH, XD-85L2 (1718 MBH)</p> <p>Intervallzeit mit geringer Feuchte Bedienungsanleitung für Luftentfeuchter</p> <p>LGR Luftentfeuchter</p>  <p>Einheit: 100 L/h Ausgang: 11 L/h</p>	<p>XPOWER XD-85LH/XD-85L2 LGR Dehumidifier User Manual</p> <p>Comprehensive user manual for the XPOWER XD-85LH and XD-85L2 LGR commercial dehumidifiers, covering installation, operation, safety, maintenance, and troubleshooting.</p>
  <p>Model: XD-85LH, XD-85L2, XD-125Li (1718 MBH)</p> <p>Intervallzeit mit geringer Feuchte Bedienungsanleitung für Luftentfeuchter</p>  <p>Einheit: 100 L/h Ausgang: 11 L/h</p>	<p>XPOWER LGR Dehumidifier User Manual - XD-85LH, XD-85L2, XD-125Li</p> <p>Comprehensive user manual for XPOWER LGR Dehumidifiers (Models XD-85LH, XD-85L2, XD-125Li), covering safety, installation, operation, maintenance, troubleshooting, technical specifications, and warranty information.</p>