

# STORM LGR 850

## Commercial Dehumidifier



### APPLICATION

**Storm LGR 850** has an extremely driving water removal capacity which makes the machine the authorized one for restoration needs. It features great COP at **2.5 L/KWh**, With a huge capacity of 85 PPD at AHAM RH, while the current draw is **5.9 amps**. Installation flexibility makes the unit ideal for almost any application. No conventional dehumidifier can perform as efficiently and effectively for water damage restoration as **Storm LGR 850**.

With the new design and layout of the machine, the volume of the **Storm LGR 850** whole machine is **40% smaller than others** on the market. New generation surface scratch **resistance polyethylene shell 25%** more than the previous generation.

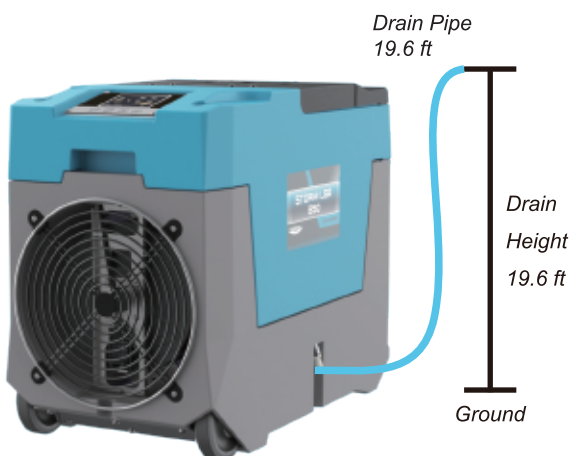
The all-new rotating shell design is easy to maintain and allows for **easy access to all components**. Telescopic handles and rubber tires allow for units to be stacked together for **both storage and easy transportation**. Onboard storage for 19.6' power cord and 19.6' condensate hose.

It has no complicated function button, **Temperature, and Humidity Display at Both Inlet and Outlet Side**, Ideal for water damage restoration projects, the clear LCD display, easy to read even from a far distance.

Ideal for removing damp and moisture from **Flood & Restoration, Carpet Cleaning, Basements/Cellars, Laundries, De-Flooding**, up to **2,300 sq. ft.**... Built-in Pump. Work hard overnight or continuous for days at a time without you worrying about it.

**HIGH CAPACITY, COMPACT, LOW TEMPERATURE DEHUMIDIFIERS FOR PROFESSIONAL USES, WATER DAMAGE CONTROL FOR SITE & HIRE INDUSTRY**

#### BUILT IN PUMP



### SPECIFICATIONS

Power : 115 V/60Hz  
 Current : 5.9 Amps  
 COP : 2.5 L/Kwh  
 Size For : Up to 2,300 sq.ft  
 Filter : MERV - 8 Filter  
 Air flow : 210 CFM, 350 CMH  
 Sound Pressure Level : < 58 dBA  
 Refrigerant : R410A

Wheel : 2 Wheels  
 Draining : Condensate Pump  
 Functioning Temperature: 33.8~110°F  
 Functioning Humidity Range: 25~80%  
 Capacity: 85 PPD at AHAM  
 Weight: 63 lbs (28 KG)  
 Dim (L×W×H): 21"×11.6"×17.3"  
 ( 540×295×440mm)  
 Loading Quantity : 20": 200 Sets /  
 40": 436 Sets / 40" HQ : 545 Sets

### FEATURES

- ✓ cETL Certified
- ✓ Easy clean – shell can be opened to access all components
- ✓ Easy to store wires and hoses
- ✓ Ducting Options
- ✓ Built-in Condensate Pump
- ✓ Environmental R410A Refrigerant
- ✓ Sturdy handle-Large Diameter Wheels
- ✓ Microchannel Cold a Heat Exchanger
- ✓ Rotational Molded Body
- ✓ Superior Stacking
- ✓ Rotary Compressor
- ✓ Ducting Options
- ✓ Water-Full Protection
- ✓ Automatic Humidistat Control
- ✓ Quick Connection to Cable/Hose
- ✓ Memory Starting
- ✓ MERV-8 Filter
- ✓ Low Temperature



Easy access to all components



LCD Display



Easy Filter Access



Easy Cord & Hose Storage



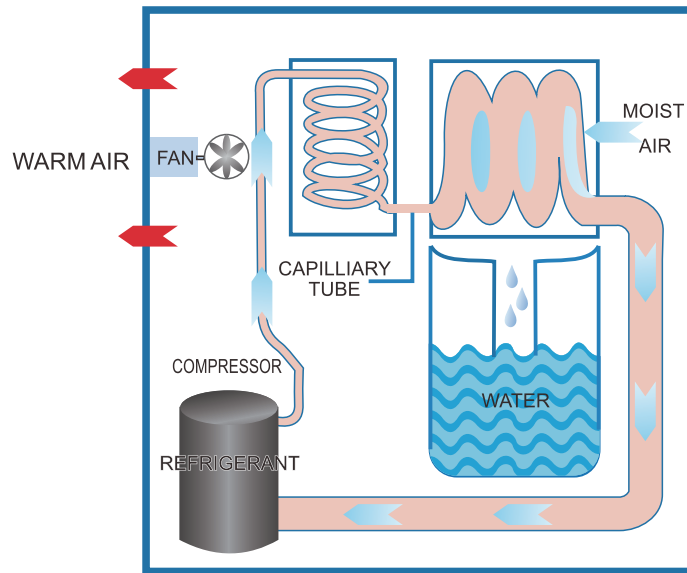
Superior Stacking



Fold- Down with  
Wheels for Transport

## WHY DEHUMIDIFY?

- To reduce the relative humidity to a safer level which prevents household items, food, medicine, and books get moldy.
- To reduce the relative humidity to a safer level which protects household appliances, computers, cameras, and other instruments from moisture damage.
- To reduce the relative humidity to a safer level which prevents the long-term humidity of the crawl space or basement from generating moisture in the wood of the house structure to cause rot and damage.
- To reduce the relative humidity to a safer level which lets the house stay away from pest infestation.
- To reduce the relative humidity to a safer level which avoids excessive humidity in a space where it's easy for mold, mildew, and fungus to thrive.



## WHAT CAN WE BENEFIT FROM A HIGH COP DEHUMIDIFIER?

AlorAir High COP Dehumidifiers are affordable solutions to your humidity problems. This investment in indoor air quality and inner comfort can be paid back by a few year's energy savings. Customers can save up to \$250 per year in energy cost with dehumidifiers working for their families! And that doesn't include

the savings from using thermostats instead of air conditioning. Once you are able to maintain a consistent relative humidity of 50% or less, you will no longer have to keep the thermostat at low, uncomfortable temperatures once used in an effort to control humidity.

**Storm LGR 850** is leading the industry by introducing **Rare earth alloy Tube Evaporator**.

This new feature will extend the life of the coils, providing protection in corrosive environments and maintain the coil's heat transfer ability over the life of the coil.

**Storm LGR 850** is designed with **rugged rotomolded housing** which is of high-quality industrial material, It is rugged enough to endure severe collision and corrosion found in **water damage restoration** and **construction**. As the unique design compared with others, we have the humidity sensor in bypass air design which makes the short-cycling go away and creates **quick access to the pump** and **mainboard**. Customers can do it by themselves and service become easy. Preassembly makes the installation process simple, thereby it reduces the overall installation and project cost.

This is a very **compact dehumidifier** that is produced for drying restoration. This unit features a portable design for easy transportation. Its **stackable design** can not only save the flood restorer more space but also make more numbers of the units that have been transported to the destination after **flood restoration tasks** for the tough environment that **flood disasters** might have.

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