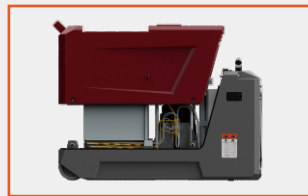


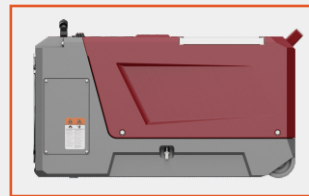


## COMMERCIAL GRADE DEHUMIDIFIER

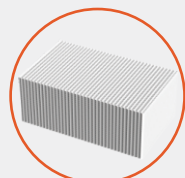
# Hurricane160P



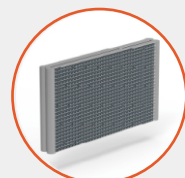
1. The front cover can be taken away without interference



2. Main control board is in quick access design by releasing 4 screws



Cold Energy Storage



Microchannel Cold and Heat Exchanger



Built-in Condensate Pump

## Proven Performance

- ◆ The Hurricane 160P brings the latest Abestorm SLGR Technology to our Restoration Product line. Removing 160 PPD at AHAM and at 30 OC/80% conditions, Hurricane 160P is our newest SLGR dehumidifier.
- ◆ A Most powerful SLGR dehumidifier, Abestorm has engineered high efficiency and high-temperature operation into one amazingly effective drying machine. Even above 122 Degrees Fahrenheit. They are rugged yet mobile equipment that will operate under extreme conditions and pull large amounts of moisture, offers extraordinary performance in various Jobsite conditions – in low humidity and high temperatures.
- ◆ As a water damage restoration professional, you need professional-grade equipment that helps you tackle the toughest of jobs and deliver outstanding results for your clients. A powerful SLGR dehumidifier is a key component in your suite of tools.

## Features

- ✓ SLGR Microchannel Technology
- ✓ Condensate pump
- ✓ Quick Access To Internal Service
- ✓ More Capacity, Less Power Consumption
- ✓ Compressor Type
- ✓ Ducting Options
- ✓ Telescope Handle
- ✓ Environmental R410A Refrigerant
- ✓ Merv-10 Filter
- ✓ Rotational Moulded Body
- ✓ Convenient Storage For Cable And Drain Tube
- ✓ Rare Earth Alloy Tube Evaporator For Corrosion Protection
- ✓ Quick Connector For Drain Tube And Cable
- ✓ ETL
- ✓ More Thorough, And More Quick
- ✓ Condensate Pump
- ✓ Water Full protection
- ✓ Memory Starting
- ✓ Wheels



Convenient Storage for Cable / Hose



Merv-10 Filter



Condensate Pumps



2 Small Wheel



Easy to Control Panel



Built-in Handle

## Specifications

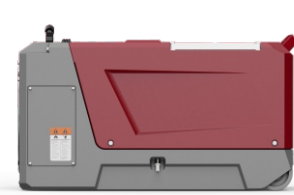
<b>Power</b> 115V/60HZ	<b>Size For</b> Up to 4,000Sq.Ft	<b>Filter</b> Merv-10 Filter	<b>AirFlow</b> 400 CFM/680 CMH
<b>Sound Pressure Level</b> <60 DBA	<b>Refrigerant</b> R410A	<b>Wheel</b> 2 Small Wheel	<b>Draining</b> Condensate Pump
<b>Defrosting Control System</b> Automatic Defrosting	<b>Functioning Temperature Range</b> 33.8-110 oF	<b>Functioning Humidity Range</b> 35~90%	<b>Capacity</b> 115V (80 oF-60%) 160 Pints/Day
<b>COP</b> 2.4 L/kWh (115V/60Hz)	<b>Weight</b> 103.62 lbs	<b>Dim (L*W*H)</b> 31.97x20.00x16.81 inch	<b>Loading Quantity</b> 40"H: 120 Sets; 40": 280 Sets; 20": 280 Set

← - 20.00 inch - - - →

← - - - - 31.97 inch - - - - - →



Back



Side



Front

← - 16.81 inch - - - →

## How does slgr works?

- ◆ SLGR microchannel technology has improved performance and efficiency. The ABESTORM SLGR technology uses a special air-to-air heat exchanger system to help bring the air closer to dew point purpose of a microchannel condenser is to improve energy efficiency. The use of microchannel condenser technology can improve the 50% dispersion effect of condenser, 30% heat exchange area, and 50% refrigerant quantity. When the SLGR microchannel is combined, the efficiency of the dehumidifier can be increased by 30~50%. This leads to more condensation that forms on the coils inside the machine and fastest for interchange of heat, which in turn leads to more moisture pumped out and less moisture in the air that is returned to the room. This extra efficiency makes ABESTORM SLGR dehumidifier perfectly suited for low humidity conditions.
- ◆ What is the LGR dehumidifier? Is it a dehumidifier that just says "LGR" on the Label? The answer is
- ◆ Certainly NO!!! Do not believe someone simply used it as a marketing term.
- ◆ The IICRC S500 2006 defines LGR as it has an enhanced refrigeration system that allows the dehumidifier to dry a space too much lower humidity than conventional dehumidifiers, it is achieved by the precooling designs, air-to-air heat exchanger, LGR can effectively remove some moisture below 34GPP, removes more water with less electricity consumed, continue to dry at lower humidity, such as 80F/20%, that conventional dehumidifier does not work.
- ◆ As a water damage restoration professional, you need professional-grade equipment that helps you tackle the toughest of jobs and delivers outstanding results for your clients. A powerful dehumidifier is a key component in your suite of tools.
- ◆ What type of dehumidifier do you need? We provide a series of professional dehumidifiers, both LGR and conventional options. What are the differences, and which is best for you? Here is a rundown of LGR dehumidifiers vs. Conventional dehumidifiers and their unique benefits: CONVENTIONAL DEHUMIDIFIERS
- ◆ The conventional dehumidifiers are designed for most water-damage remediation projects. A feature, same as LGR dehumidifier they can easily be transported from job to job and loaded and unloaded from a vehicle. The conventional dehumidifier draws moisture-laden air across a set of super-cooled coils. As the air passes over, its temperature drops below the dew point, and water condenses on the cold coils. The dry air is reheated and exhausted to the room to collect more moisture. Compared to ABESTORM SLGR dehumidifiers, conventional models are not as effective or efficient at removing moisture and drying air in environments with large volumes of water as LGR models are. However, conventional dehumidifiers are less expensive than their LGR dehumidifiers.
- ◆ SLGR stands for Super low-grain refrigerant. How do they work? The ABESTORM SLGR technology uses a special air-to-air heat exchanger system to help bring the air closer to dew point temperature before it passes over the super-cooled evaporator coils, besides the combination of Microchannel Alu Condenser, Maximize the Capacity and efficiency. This leads to more condensation that forms on the coils inside the machine, and fastest for the interchange of heat, which leads to more moisture pumped out and less moisture in the air that is returned to the room. This extra efficiency makes ABESTORM SLGR dehumidifier perfectly suited for low humidity conditions. When faced with particularly challenging water damage restoration jobs where higher amounts of water are involved, SLGR dehumidifier is your best bet for achieving maximum results.



**Hurricane 160P has a  
5-year warranty.**

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