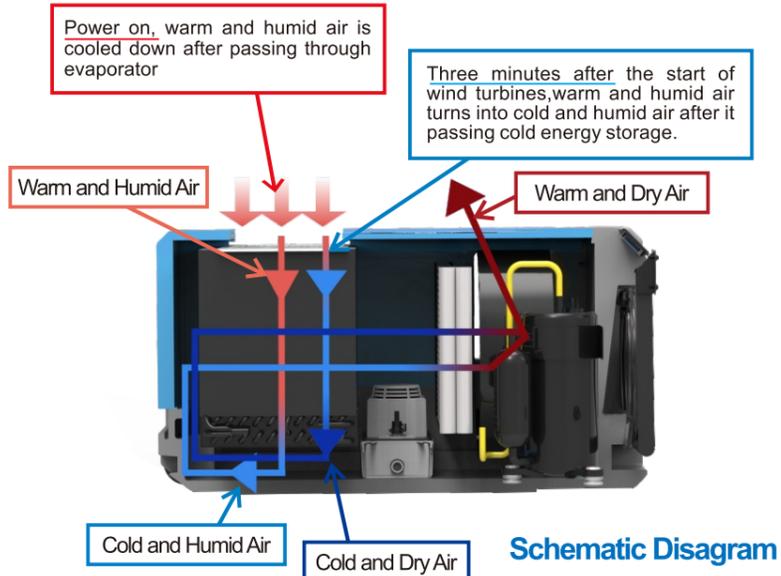


HOW DOES SLGR WORKS

SLGR microchannel technology has improved the performance and efficiency. The Uni-P Dry 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 with the combination of Microchannel Alu Condenser. Maximize the Capacity and efficiency. The purpose of 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 Uni-P Dry SLGR dehumidifier perfectly suited for low humidity conditions.



SLGR
BLACK
BOX

SLGR MICROCHANNEL
Uni-P Dry Dehumidifiers

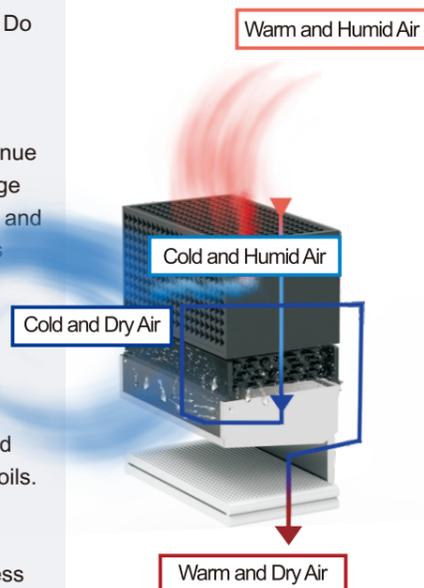
Unip Renegade 1600X Commercial Dehumidifier

FEATURES

- ETL
- Compressor Type: Rotary
- More Thorough, And More Quick
- Ducting options
- Condensate Pump
- Telescope Handle
- Water Full protection
- Environmental R410A Refrigerant
- Memory Starting
- Washable Air Filter
- 2 Small Wheel
- Rotational Moulded Body
- Convenient Storage for Cable / Hose
- Low Temperature
- Quick connection to Cable/Hose

KNOWING MORE ABOUT THE DIFFERENCE BETWEEN LGR/SLGR AND CONVENTIONAL DEHUMIDIFIERS LGR DEFINITION

What is the LGR dehumidifier? Is it a dehumidifier just says "LGR" on the label? The answer certainly NO! Do not believe someone simply used 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 to 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 a lower humidity, such as 80F/20%, that conventional dehumidifier does not work. As a water damage restoration professional, you need professional-grade equipment that help you tackled the toughest of jobs and deliver 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's 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. 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 ALORAIR 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.



SPECIFICATIONS

SLGR Microchannel
Excellent In Low Humidity and High Temperature

Power
115V/60HZ

Size For
Up to 4000Sq.FT

Filter
MERV-8 filter

Air flow
400CFM, 680CMH

Sound Pressure Level
<63 DBA

Refrigerant
R410a

Functioning Temperature Range
33.8~110°F

Functioning Humidity Range
35~95%

Capacity 115V(80°F-60%)
160Pints/Day

Wheel
2 Small Wheel

COP(115V/60Hz)
2.8L/Kwh (115V/60Hz)

Cord
19.6' ft power cord

Draining
Condensate Pump

Defrosting Control System
Automatic Defrosting

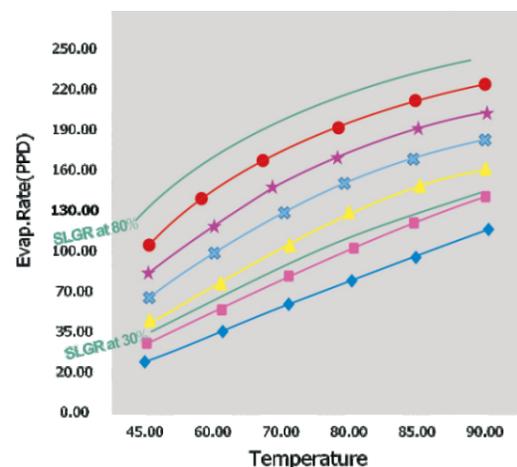
Weight
99lbs(45KG)

Dim(W*H*D)
31.9"(L) x 20"(W) x 18"(H)

Loading quantity
40": 280Sets; 40": 280 Sets; 20": 280Sets

SLGR DEHUMIDIFIERS, WHY WE CALL AS SLGR (SUPER LGR) TECHNOLOGY?

SLGR stands for Super low-grain refrigerant, How do they work? The ALORAIR 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 with 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 in turn leads to more moisture pumped out and less moisture in the air that is returned to the room. This extra efficiency makes ALORAIR SLGR dehumidifier perfectly suited for low humidity conditions. When faced with particularly challenging water damage restoration jobs where higher amounts of water are involved, an SLGR dehumidifier is your best bet for achieving maximum results.



sales@Uni-P Dry.com

Tel: 888-994-0895 Tel: 888-994-0895

sales@Uni-P Dry.com

APPLICATION

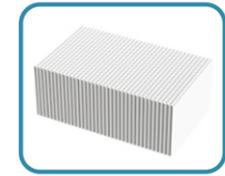
The Uni-P Renegade 1600X dehumidifier is the large super low grain refrigerated – SLGR dehumidifier in the market today. Built and designed to be so effective at moisture removal that this unit can lower the relative humidity into the single-digit percentage of 9% R.H. even at high temperature even above 130 degrees Fahrenheit. This allows the space to dry a lot quicker.

The Uni-P Renegade 1600X dehumidifier remains the preferred choice for most water damage and restoration experts because it is able to tackle even the toughest jobs and deliver extraordinary results for the clients.

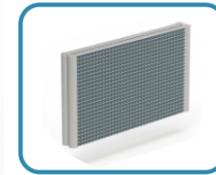
The Uni-P Renegade 1600X dehumidifier features a high-impact roto-molded housing that protects the unit from the extreme conditions it is deployed in and any impact damage while being moved. The dehumidifier should always remain upright while operation or when been moved.



Uni-P Renegade 1600X COMMERCIAL DEHUMIDIFIER



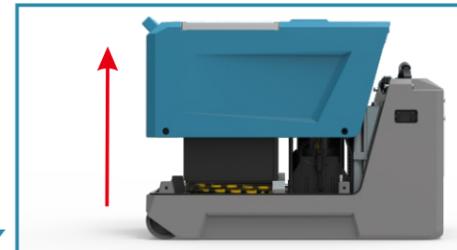
Cold Energy Storage



Microchannel coldan heat exchanger



Condensate Pump



1. The Front cover can be taken away without any interference



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



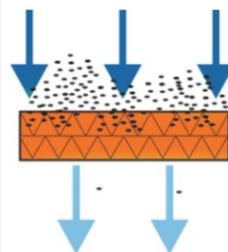
Convenient water pipe and power line storage: You can store the water pipe and power line in the top box.



Uni-P Renegade 1600X with rugged rotational molding housing operates well in severely damp environment after flood damage. With **SLGR Microchannel**, it removes plenty amounts of moisture from damp air environment and returns a dry house environment.

THE SOLUTION

Uni-P Renegade 1600X dehumidifier, as a professional dehumidifier for restoration marketing, has an amazing dehumidifying effect and restoration effect. It beats down conventional dehumidifiers absolutely with SLGR Microchannel Technology adopted. Besides satisfactory restoration effect in normal humidity and temperature environment, Uni-P Renegade 1600x is a master-hand of the restoration field especially to dehumidify in hot dry environment and cold humid environment.



High-density MERV-8 Filter



PERFORMANCE

• **Pre-cooling efficiency** - The Uni-P Renegade 160X dehumidifier uses a pre-cooling system that allows already cooled air to be used to cool incoming air. This way the unit is able to use up less power cooling the air, hence this dehumidifier is able to remove over 8 pints of water, for every KWH.

• **Auto-dehumidistat** - The Uni-P Renegade 160X dehumidifier is controlled by a dehumidistat with setting from 20% to 80% relative humidity. The unit will also turn on and off automatically depending on the humidity changes in the air.

• **Low humidity dehumidification** - The Uni-P Renegade 160X dehumidifier ability to keep lowering the humidity levels even at below 20% relative humidity is what sets this unit apart from all dehumidifiers in the market.

• **Condensate pump** - This unit is equipped with an internal condensate pump, that is capable of pumping the condensed water 14.7 feet and over 19.6 feet from the condensate hose. This way you will never have to worry about emptying any water collection tray ever.

Note: to achieve the desired dehumidification results with The Uni-P Renegade 160X dehumidifier, space must be free of water intrusion or excessive fresh outdoor air infiltration. All water intrusion and air infiltration problems should be fixed before installation.