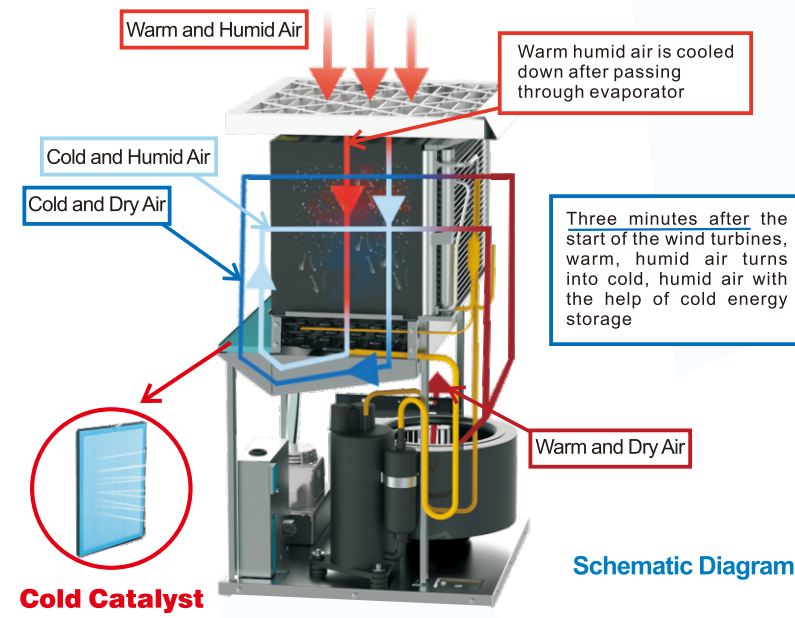


### HOW DOES SLGR WORKS

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 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.



## UNI-PRENEGADE 1400X

Commercial Dehumidifier

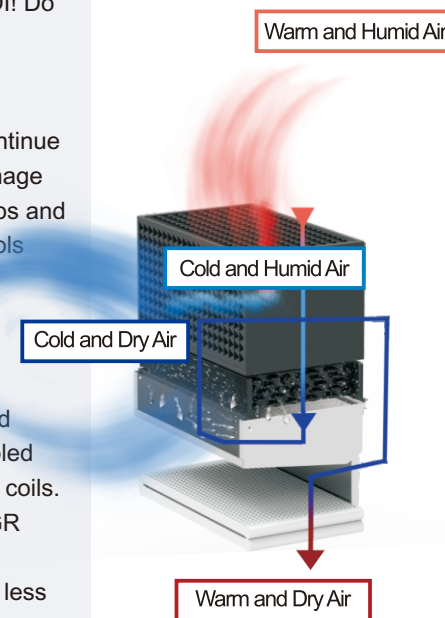
### FEATURES

- ✓ CE,ETL
- ✓ Digital Control
- ✓ Ducting options
- ✓ Cold Catalyst
- ✓ Condensate Pump
- Compressor Type : Rotary
- ✓ Overflow Protection
- ✓ Environ.Friendly R410A Refrig
- ✓ Auto Humidistat
- ✓ Auto Restart
- ✓ Portable Large 8" Wheel
- ✓ Stainless Housing
- ✓ Cable/Hose Wrap
- ✓ Quick connection to Cable/Hose Remote Controller



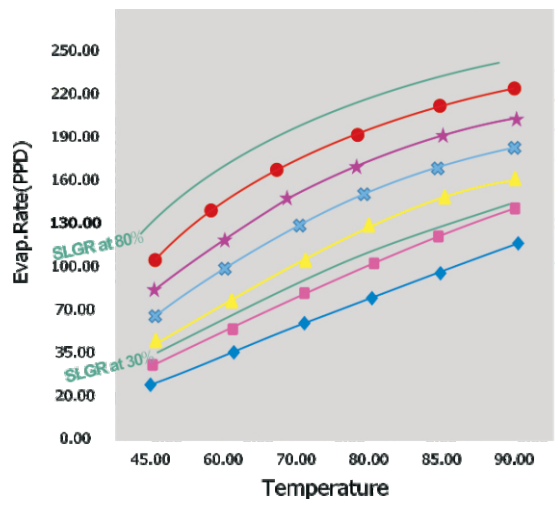
### KNOWING MORE ABOUT THE DIFFERENCE BETWEEN LGR/SLGR AND CONVENTIONAL DEHUMIDIFIERS LGR DEFINITION

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 tackle 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

<b>SLGR Microchannel</b> Excellent In Low Humidity and High Temperature	<b>Functioning Temperature Range</b> 33.8~110°F	<b>Draining</b> Condensate Pump
<b>Power</b> 115V/60HZ	<b>Functioning Humidity Range</b> 35~95%	<b>Defrosting Control System</b> Automatic Defrosting
<b>Size For</b> Up to 3800Sq.FT	<b>Capacity</b> 115V(80°F-60%) 140Pints/Day	<b>Weight</b> 114.6lbs(52 KG)
<b>Filter</b> MERV-1/MERV-10 filter	<b>Wheel</b> 2 Small Wheel, 2 big Wheel	<b>Dim(W*H*D)</b> 20.1"(L) x17.3"(W) x36.6"(H)
<b>Air flow</b> 440CFM,680CMH	<b>COP(115v/60Hz)</b> 2.75 L/kWh	<b>Loading quantity</b> 40" HQ: 152 Sets
<b>Sound Pressure Level</b> <60DBA	<b>Cord</b> 20' power cord	<b>Refrigerant</b> R410a



### 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.



## APPLICATION

The Uni-P Renegade 1400X dehumidifier is built and designed for durability and durability. Built with the SLGR advanced dehumidification technology, the Uni-P Renegade 140Xdehumidifier, to remove at least 140 pints of water per day at AHAM and 110L at 30, 80% RH conditions.

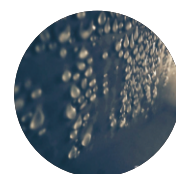
The Uni-P Renegade 1400X dehumidifier has been energy star rated because it is able to remove up to 7.7 pints of water per kilowatt hour used up. This unit has a smaller refrigeration system that allows it to consume less power compared to other dehumidifiers of equal capacity.

The Uni-P Renegade 1400X dehumidifier SLGR technology ensures this unit is able to remain highly efficient at high-temperature conditions of even above 130 degrees Fahrenheit.

The Uni-P Renegade 1400X dehumidifier features a high-impact roto-molded housing that protects the unit air while being moves, the dehumidifier should always remain upright while operation or when been moved.



MUSTY



DAMP



CRACKS



## UNI-PRENEGADE 1400X COMMERCIAL DEHUMIDIFIER



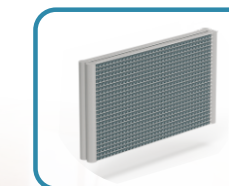
Handle



Big Wheel



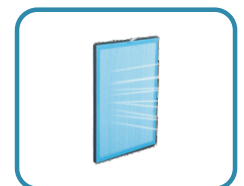
MERV-10 Filter



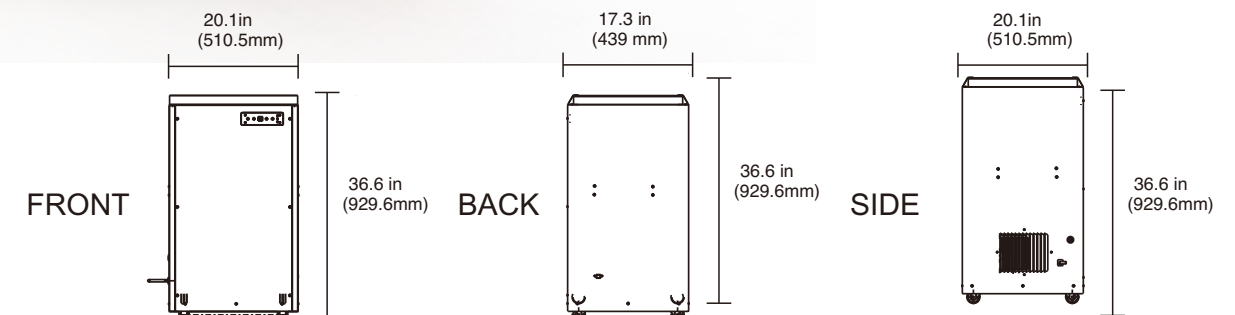
Microchannel coldan heat exchanger



Condensate Pump



Cold Catalyst



The **Uni-P Renegade 1400x** takes in humid air, then uses advanced **SLGR Microchannel** technology to remove the moisture, and send dry air into another room via ducting. The 1400X is equipped with a built in condensate pump and drain tube so it drains automatically without the need to empty a water tank.



The **Uni-P Renegade 1400X** has a powerful, stainless steel, professional look... Large 8" recessed wheels, hemmed metal edges, and chamfered corners. Its hinged lid swings open for easy filter change. If you are a restoration professional serious about drying, you need an equally serious professional dehumidifier.

## PERFORMANCE

- **Auto-dehumidistat** - The Uni-P Renegade 140Xdehumidifier 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 1400X dehumidifier ability to keep lowering the humidity levels even at below 30% relative humidity is what sets this unit apart from all dehumidifiers in the market.

- **Air filtration** - The Uni-P Renegade 140Xdehumidifier is fitted with Merv-1 filter and MERV-10 filter, that are able to trap even the smallest mold spore, allergens, and dust particles. This improves the quality of your indoor air and reducing respiratory problems and allergies.

- **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.

- Fitted with four casters for easy movement from one place to the other.

**Note:** to achieve the desired dehumidification results with The Uni-P Renegade 1400X 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.