

PureAiro

PUREAIRO SLGR PRO

APPLICATION

Removing 120 L at AHAM conditions, the PureAiro SLGR Pro is our newest SLGR Pro dehumidifier. The SLGR Pro features a low noise level (less than 58dba), great COP 5.6 L/kWh (230V/50Hz) and a huge capacity 120 L/D at 30°C- 80% condition. In addition, it is CE and ETL certified. The SLGR Pro dehumidifier is stand-alone configuration with a super powerful fan that makes it an ideal solution for commercial. There are no conventional dehumidifiers that can perform as efficiently and effectively in commercial, as the PureAiro SLGR Pro.

PROVEN PERFORMANCE

The PureAiro SLGR Pro dehumidifier has two stages of filtration for capturing mold spores, debris, dust, pet dander, pollen, allergens, and more. The first stage of filtration is a pre filter that filters larger size debris and dust particles. Next, there is a MERV-10 filter that handles smaller sized particles.

In cold, humid places, it can be tough to remove moisture completely. In these situations, you need a dehumidifier that has a powerful fan to keep dry air circulating at all times. The PureAiro SLGR Pro can circulate 650M³/h of air. This makes it capable of maintaining areas up to 3,600 sq.ft.

The PureAiro SLGR Pro dehumidifier has a large contact surface on the cooling coils, which means it can quickly cool down hot air, in addition to handling a higher air volume. The unit is also equipped with a automatic digital control system for easy set up and accurate operation.



Condensate Pump



Handle



Cold Catalyst



Universal Wheel

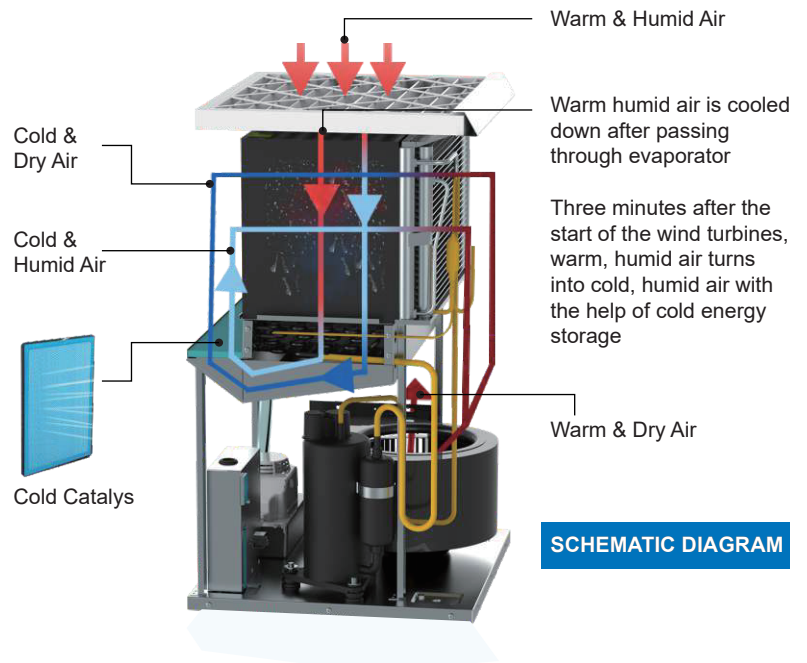


Microchannel cold air heat exchanger

PROFESSIONAL DEHUMIDIFIER >>>>

HOW DOES SLGR WORKS?

SLGR microchannel technology has improved the performance and efficiency. The PureAiro SLGR Pro 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 PureAiro SLGR Pro dehumidifier perfectly suited for low humidity conditions.



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

SLGR stands for Super low-grain refrigerant, How do they work? The PureAiro SLGR Pro 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 PureAiro SLGR Pro 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.

