

Leading Lithium Battery Manufacturers opt for



from Bry-Air!!



Discerning Lithium Battery Manufacturers like Shenzhen BYD, E-One Moli, opt for DryPurge Dehumidifiers from Bry-Air for their Dry Rooms

DryPurge Dehumidifiers from Bry-Air have become the preferred choice of world's leading Lithium Battery Manufacturers. Discerning Lithium Battery manufacturers like Shenzhen BYD, E-One Moli, Pulead Technology, opt for Bry-Air for its capability to provide large customised engineered systems designed to provide very large quantities of dry air, (over 30000 cmh) at ultra low humidity levels of -90 ° C dewpoint.

Today, Bry-Air has almost 50 large engineered dehumidification systems and many small ones for maintaining humidity levels in Dry Rooms of various Lithium Battery Manufacturers.

The demand for Lithium Battery market has grown by leaps and bounds and with it the number of Lithium Battery manufacturers. Lithium Battery manufacturers demands very stringent conditions to be maintained.

Challenges of Lithium-Battery Production

While processing Lithium Battery it is important to maintain conditioned environment in Dry Rooms. ***The more moisture, poorer the quality, lower discharge capacity, performance and shelf life of batteries.*** Safety in production areas is also endangered.

A relative humidity of less than 1% is required to be maintained in dry room for lithium battery manufacturing. Another problem encountered while processing Lithium Battery is the generation of hydrofluoric acid. Hydrofluoric Acid is carried into the return air (4-6 PPM) damaging the dehumidification media and resulting in 30-50% weight loss in dehumidification capability. However the heart of the DryPurge dehumidifier from Bry-Air is the EcoDry Desiccant Honeycomb Rotor which has exceedingly high tolerance to hydrogen fluoride and does not deteriorate easily and hence not require to be replaced frequently. The guaranteed minimum life of EcoDry Rotors is 5 years as compared to the general life span of media which is 12-18 months.

About Bry-Air

Bry-Air is one of the largest privately held HVAC company from India with a global manpower strength of 1000+. Bry-Air has more than three decades of experience in the field of dehumidification & environment control solutions. It specializes in designing and manufacturing the desiccant based engineered dehumidification systems capable of handling demanding applications such as Lithium-Battery, Pharmaceutical, Food Processing, Semiconductor, Electronic Industry, Turbine Storage, Cold Storages etc. Bry-Air (Asia) has been at the forefront of dehumidification and industrial air treatment technology with product range that also includes Air and Gas purification system, Resin Drying equipments, Product Dryers and complete environmental control systems. Bry-Air (Asia) has production Plants in Malaysia, China and Germany and representative offices in Middle East, South Africa, Philippines, Thailand, Italy, Korea, Japan and Australia. The company's range of products find application globally across 40 countries including South East-Asia, China, CIS countries, Indian subcontinent, West Asia, Middle East and Africa including South Africa & Australia as well as USA and Japan.

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