



Green DryPurge® (GDP) Dehumidifier

for low dew point requirements

for **DRY ROOMS**



Low dew point
up to
(-) 80 °C



Critical for Lithium
Battery Manufacturing

from the Leaders in Dehumidification... Worldwide

Green DryPurge[®] (GDP) Dehumidifier

for low dew point requirements



Bry-Air has proven success in meeting the stringent requirement of dew point lower than (-) 80 °C with a single rotor

Bry-Air has the product and global standard technology for dry rooms. The **Green DryPurge[®]** (GDP) dehumidifier technology which is the most energy efficient dehumidifier for <1% RH dry rooms is patent of Bry-Air (Asia).

Tailored exclusively for Li-ion Battery manufacturing
embedded with Patented **Green DryPurge[®]** (GDP) Technology

Some outstanding Features and Advantages resulting from Bry-Air GDP Technology

- Highest low dew point supply air CMH/kW of regeneration: High Performance Efficiency/Energy Efficient
- Single Rotor Machine: for as low as (-) 80 °C
- High Performance Rotor: pH neutral, water washable
- Own Rotor Manufacturing
- Performance Demonstration (Type Test): each design can be pre validated in our dynamic test lab
- Manufacturing Capability and Quality Certifications
- Unit Construction: robust, durable, > 20 years life
- Adjustability of Fresh Air Fraction
- No Post Cooling Coil Required: feature of patented technology
- Patented **Green DryPurge[®]** (GDP) Technology

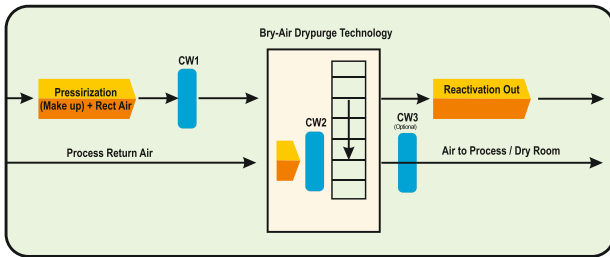


Rotor made up of pH neutral and chemical resistant material. Inertness to gases such as Hydrogen Fluoride (HF) generated during the production of Lithium-ion batteries

Bry-Air Patented Green DryPurge® (GDP) Technology

The Green DryPurge® Advantage... the Cutting Edge Technology

Bry-Air's Green DryPurge® (GDP) patented technology for dehumidifiers ensures optimum performance of dehumidifiers, even at the ultra low dew point, up to (-)80 °C.



EcoDry™ Lab for Desiccant Rotors



Test Lab for Active and Passive Desiccant Wheels



11 patent(s) applications filed globally and 8 granted/allowed already including USA, China, Mexico, Japan, South Africa, South Korea, Canada, Europe ...

DryPurge® is proprietary technology of Bry-Air and is patent protected in several jurisdictions.

Details are available at www.pahwa.com



Some of our Esteemed Customers:

- Schlumberger
- Weisstechnik (through them, to two largest European Automotive companies)
- Bharat Heavy Electricals Limited (BHEL)
- BYD
- Wuhan Design Institute
- Beijing University
- Meiling Battery
- Bamo Battery
- Amara Raja
- Vikram Sarabhai Space Centre (VSSC)

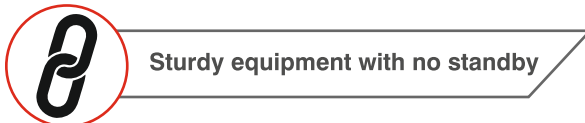
- Hindustan Petroleum Corporation Limited (HPCL)
- Indian Institute of Technology (IIT), Kharagpur
- Defence Research & Development Organisation (DRDO)
- Naval Science and Technological Laboratory (NSTL)

... and many more



Bry-Air Advantage

- Proven success in meeting the stringent requirement of dew point lower than (-) 75 °C, required by the most updated and largest lithium battery plant
- Highest dry process airflow in CMH/kW
- More than 100 units installed and commissioned across the world



Sturdy equipment with no standby



Extremely low dew point
[up to (-) 90 °C]



Low operating cost



Capability and reliability



Service backup 24X7



Over 55 years experience in
environment control solutions



Leaders in Dehumidification... Worldwide

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Innovation is life

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