

Bry-Air

dryfacts

...from BRY-AIR



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BRYWORLD

meets

The Bryworld came together with all Bry-Air Asia and Bry-Air Malaysia Reps meeting at the Bry-Air Corporate office to interact, share, strategise and strengthen the network. The Team not only worked hard but also took time off to enjoy!



Joining hands to expand their presence in the HVAC market in Japan



Mr. Katsuyasu Tsuchiyama, President & CEO, Amefrec and Mr. Deepak Pahwa, President & CEO, Desiccant Rotors International at the signing ceremony.

Re. 1. Subscriber's Copy.

Bry-Air[®] F_nP

Dehumidification System for the Food, Pharma and Biotech industry

Just Launched



In
Spotlight . . .




booths at . . .



Comfex 2005
Ahmedabad




Booth
AHR 2005
Florida



HVAC Asia 2005
Pakistan





MiniPAC
displayed at
AHR Expo 2005

Bry-Air Asia manufactures
MiniPAC for Bry-Air USA



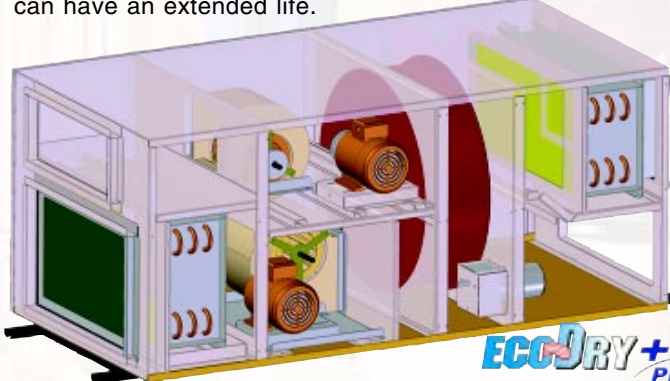
Fresh n Dry Hotel Rooms with

 is specially designed for the hotel rooms.

It lowers the moisture levels without adding to the costs of your energy bills.

You can now maintain Hotel's Interior Ambience With EcoDry Plus as it ensures . . .

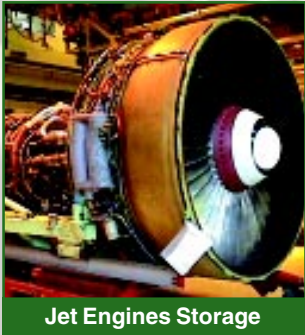
- Dry, neat, clean and mold free carpets, reducing asthmatic/allergic problems
- Dry, clean and mold free furnishings
- Mold free wall hangings, etc.
- Moisture and mold free cabinets, wardrobes, etc. You, thus save on renovation costs as the interior décor, furnishings, etc can have an extended life.



WHEN MOISTURE IS TORTURE !

In this column, we will share with you regularly our experience on major application areas where usage of dehumidification is both extensive and essential.

Corrosion causes large scale losses during . . .



Jet Engines Storage



Switchgears Operation



Sandblasting



Steam & Gas Turbines Layup

Save millions of \$ £ Rs. € Dm ¥
which are lost annually due to **CORROSION !!**

Corrosion occurs in presence of moist air. The invisible water vapour present in air leads to corrosion. Inorganic Corrosion begins at 45% RH, which is the critical humidity level. The critical RH for clean and polluted air is the same but corrosion begins faster where surfaces are exposed to polluted air in combination with high Relative Humidity (RH).



Corrosion ▶▶▶

Types ▶▶▶

Inorganic : Rust

Organic : Mould, Mildew, Fungus

Moisture causes corrosion. Corrosion causes waste.

Causes ▶▶▶

- ◇ Outdoor Relative Humidity.
- ◇ Condensation leads to high humidity
- ◇ Air Pollutants.

Prevention ▶▶▶

- ◇ Corrosion can be eliminated by controlling the moisture levels to less than 45% RH at ambient condition.

Benefits of Humidity Control. . .

- Extends viability of stored parts and inventories
- Prevents failures
- Protects equipment when not in use
- Secures major facilities like power plants during lay-up.

Prevention of Corrosion through Dessicant Dehumidification



Corrosion can be eliminated by controlling the moisture levels to less than 45% RH at ambient condition.

The simplest and the most cost-effective method to control humidity is to install a Bry-Air Dehumidifier.

Bry-Air Dehumidifiers can maintain RH as low as 1% or even lower at a constant level, regardless of ambient

conditions during production, processing, packaging and storage.

Now

you can create a
**Humidity Controlled
Area** with the
Bry-Air Enviroliner



Bry-Air

F_nP Dehumidification System

for the Hygiene Conscious Food, Pharma & Biotech Industries

new



Bry-Air F_nP
the Next
Generation
Dehumidification
System.

Bry-Air F_nP is a result of realization of industry needs as more and more products need to be manufactured and processed in stringent conditions.

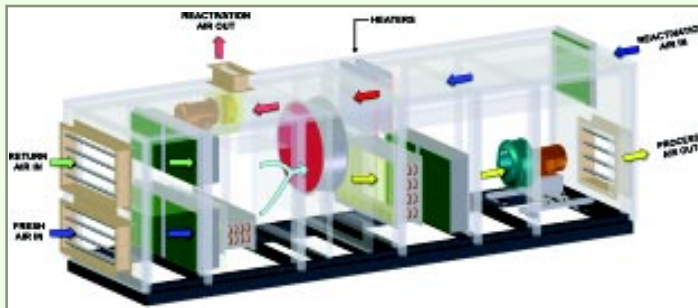
With the **Bry-Air F_nP** you can be sure of

- Extra Hygiene
- 'Zero' Leakage & High Structural Strength
- Fire Resistance and Safety
- More Efficient Controls

Bry-Air F_nP complies with the most stringent levels of

- ❑ GMP
- ❑ FDA Hygiene Standards – EN DIN 1946 Part 2 and Part 4
- ❑ Casing Strength – EN 1886 S4
- ❑ Unit Leakage levels – EN 1886 S5 and SMCNA
- ❑ Filter Leakage – EN 1886 S6
- ❑ Heat Transfer and Thermal Bridging – EN 1886 S7
- ❑ Fire Resistance – EN 1886 S9
- ❑ Mechanical Safety – EN 292
- ❑ Inlet and Outlet ducts – ISO 7807

Typical Flow Diagram



Mr. Inoue,
Amefrec, Japan
inspecting the F_nP



Mr. B.B. Shah,
Cipla
reviewing the F_nP

**Under
Review**

Bry-Air

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