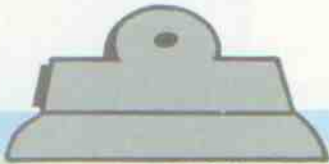


dry facts

...from BRY-AIR



From the M.D.'s Desk

Vision 2000

As we approach the year 2000, leaders of all companies are using the turn of the century to make a statement of intention and organisational vision, which will forge employees into an empowered and highly motivated team to march into the next century.

The vision in a nutshell sums up a descriptive image of what a company wants to be or wants to be known for; what a company wants to create through various lines of business and what functions the company intends to fulfil through its business.

My 'vision 2000' for group companies of Pahwa Enterprises, is "To achieve global dominance in the environmental control business around our core competencies, through continuous product and technical innovations and customer orientation with a focus on continuous improvement in quality, cost and customer service."

This vision becomes the starting point of the process that will set specific quantifiable objective for every division or business unit, every section, every department, every team and every employee. To this end; we start the year 1997 with an ISO 9002 certification for Bry-Air and a goal to have every company in the group, ISO certified by the end of the year.

SOME TASKS AHEAD OF US

- To initiate and implement during the year, a quantum change in our service response.
- To upgrade the manufacturing and raise productivity of the workforce in order to deliver a better product, quicker.
- The addition of new product lines to our product portfolio which will provide a wider range of environmental control products to serve our customers with.

With these positive moves we hope to strengthen our ongoing relationship with our customers.

Deepak Pahwa



ISO 9000 CERTIFICATION

We take pride in informing you that, Bry-Air India has recently received ISO 9002 certification.

Besides, Bry-Air India is the only dehumidifier manufacturing company in the world, holding an ISO 9000 series certification

with total inhouse capabilities, be it in marketing, designing or manufacturing of the product.

We appreciate all our well-wishers and their support that enabled us to realize this landmark accomplishment.

All employees working in harmony as one team dedicated to providing total customer satisfaction.

QUALITY POLICY

A commitment to use our technologies edge for a quality product, a quality response and quality service.



ENVIRONMENTAL CONTROL IN INDOOR SWIMMING POOLS

Indoor swimming pools, are also afflicted by the humidity menace, which is not unexpected with all 'that water around'.

Actually, both temperature and humidity levels need regulating/controlling in indoor swimming pools.

As indoor pools are normally airconditioned, chlorine laden humidity tends to damage most ventilating equipment as well as cause discomfort to the user. Another problem is the temperature variation outside. Both factors tend to overload the airconditioning system and increase energy utilization.

However, our sensible heat wheel, used in conjunction with our dehumidifier provides a simple, cost-effective and energy efficient solution. The sensible wheel regulates the temperature using energy exhausted by the airconditioning system while the dehumidifier controls the humidity.



Destination

PHILADELPHIA, U.S.A. - AHR EXPO '97

The 1997 edition of the International Airconditioning, Heating, Refrigeration Exposition (AHR EXPO), at Philadelphia's Convention Centre is expected to draw upwards of 28,000 visitors and 1000 exhibitors.

The AHR EXPO '97 or Ashrae Show '97 as it is popularly known, is the world's leading aircon show and a 'Mecca' for every HVAC-related person.

It is a matter of great pride, that one of our group companies

Dessicant Rotors International, will be the first Indian Company to participate at this prestigious show.

DRI specialises in 'transforming the air by mastering the Art and Science of Honeycombing' and will be displaying it's range of rotors. The DRI Rotors find endless applications in rotor based products like Energy Saving Preconditioners, Heat Wheels, Dehumidifiers, Solvent Recovery/Concentration Systems, Desiccant Based Cooling Systems, Treated Fresh Air Units and several others.

More details in next issue.



Next Stop

ACREX'97, BOMBAY, INDIA

ACREX is India's premier airconditioning show and Arctic India Sales/Bry-Air is a regular participant at every ACREX.

This year, at ACREX'97, (Feb.27-Mar.2), the entire 'IAQ range will be displayed at the Arctic India Booth.

Don't miss our booth (E50 - 51).

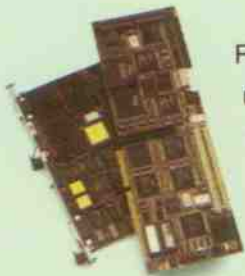
1. ESP
2. HEAT WHEELS
3. CO₂ MONITOR
4. FRESH AIR TREATMENT UNITS (FAT)
5. IN-LINE DUCT FANS



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.

CIRCUITING ALL PROBLEMS



For 20 years, the information revolution has been built on the sand silicon based chip. Each year, by cramming more circuits on a memory or microprocessor chip, engineers have made computing technology cheaper, more plentiful and more adaptable to new uses. Smaller has always been better, yet never good enough. With the chip becoming the size of a thumbtack, the size of printed circuit boards, or PCBs, is also getting smaller.

The circuit board in its simplest form is a piece of insulating material, such as epoxy or phenolic resin, on which chips (integrated circuits) and other electronic components are mounted and interconnected to form a circuit. Most modern circuit boards use patterns of copper foil to interconnect the components. The foil layers may be on one or both sides of the board and, in more advanced designs, in several layers within the board. Photo-sensitive polymer compounds called photoresistors are applied to the surface to selectively mask circuit lines for the etching process. The hygroscopic nature of these compounds can cause the adsorbed moisture to make cuts in the

bridging of microscopic circuit lines, resulting in circuit failures. The relative humidity of air in the photolithography clean rooms where etching is done, is therefore maintained at controlled levels. Moisture control is also absolutely essential when quartz crystals are incorporated with the printed circuit boards. The quartz crystal boards, after assembly, are put through an aging process during which time the humidity level must be carefully controlled to prevent the crystal from adsorbing water vapor.

Exposure to high humidity can lead to corrosion on the surface of the circuits. This is known as microscopic corrosion. Even minute layers of corrosion can increase electrical resistance and decrease capacitance, affecting performance. Excessive moisture, therefore, causes adhesion failures, surface defects and decreased performance. In fact, the smaller and denser the microcircuit, the larger the problem in performance.

Desiccant dehumidifiers provide the ideal low humidity environment in the manufacture, assembly and storage of these precision, high quality electronic printed circuit boards, circuiting all humidity problems.





Bry-Air



We are in Hall no. 11, Booth no. 14 M

Arctic India Sales, is now representing two new product lines to support the Bry-Air Plastics Auxiliary Range.

- Granulating System from Cumberland, U.K.
- Dosing Blending System from Spiroflux, France.

Both Cumberland and Spiroflux are world leaders in their respective fields.

Take a look at what we have to offer

CUMBERLAND - GRANULATION SYSTEMS FOR EVERY PROCESS



LOW-PROFILE WIDE-INFEED GRANULATOR
Model 56T



GENERAL PURPOSE GRANULATOR
Model 4560



GENERAL PURPOSE GRANULATOR
Model 4590

SPIROFLUX - DOSERS & BLENDERS

ON-MACHINE
DOSER
TYPE DSM



DOSING-UNIT
DP 4/500
with option for
automatic loading



APS 4 litres monophase

To see the actual product, be sure to drop in at the Bry-Air 'One Stop Shop' at Plastindia'97.

Bry-Air

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