

dry facts

...from BRY-AIR

APR- MAY-JUN'96

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Governor Voinovich, lays the foundation stone of Bry-Air Plant III .

April 10th, 1996, marked another milestone in the progress of Bry-Air India. On this day, H.E Mr. George.V. Voinovich, Governor, State of Ohio, laid the foundation of it's Plant III in Udyog Vihar. Bry-Air Plant III, which will be located in the prestigious industrial park of Udyog Vihar, near Delhi, India, is being set up to support

the growing range of products and business. The function was graced by Mrs. Janet Voinovich, Mr. Dhanendra Kumar, then Principal Secretary to the Chief Minister, Mr Vijay Vardhan, Administrator, HUDA, Mr Paul Griesse, Chairman, Bry-Air Inc. U.S.A. and friends and well wishers of Bry-Air



- 1) H.E Mr. George. V. Voinovich, Governor State of Ohio laying the foundation stone of Bry-Air Plant III. Also seen in the picture Mr. Deepak Pahwa President Bry-Air India.
- 2) Mr. Paul Griesse, COO, Bry-Air Inc. U. S. A. welcoming the delegates.
- 3) Understanding the technology of drying air.
- 4) Learning more about the industrial facilities in Haryana.

23rd-30th
April '96

Our Growing Range



Environmental Control Chambers

The tie up with Angelantoni SpA, Italy (ACS) to market it's Environmental Chambers in the country drew a lot of interest and several enquiries about the product details.

In April, a series of seminars by Mr. M. Marcelli of Angelantoni Climatic Systems (ACS), Italy were organised through-out the country to familiarise the industry with the available product range.

Environmental /Climate Test Chambers from Angelantoni Climatic Systems Italy



Flexible Barrier Systems (FBS) for safe preservation

The concept is catching on. The defence sector in India is beginning to recognise the benefits of preservation of military hardware,

ammunition, spares and scores of other active status items, stored temporarily for a short time or kept in reserve for longer periods.

A new concept in flexible storage for small items, 'Enviroliner' is the newest addition to the FBS range. To create a better understanding of FBS, Bry-Air has developed a specialised information package consisting of a video and slide presentation supported by printed booklets.

In Allahabad, India, a technical seminar was held for a group of senior army officers. A special mailout to S. America was completed. The introduction of 'Enviroliner' as a concept

has also been made. In June, Bry-Air successfully completed the mothballing of the first naval frigate.



8th June '96

Flexibility of storage site . . .
Enviroliner (indoors)
FBS (outdoors)



Indoor spaces where IAQ needs to be maintained

FBS (outdoors)



ENVIROLINER (Indoors)



... And Reach

7th May' 96



Mr. Jan Axelsson, Product Manager IV Produkt, Sweden, giving a talk on "Good Ventilation in Airconditioned spaces-Need of the day"

Indoor Air Quality (IAQ) . . . New products added

Flexomix- 'Make-Up' Air Handling Units (AHU) with energy recovery from I.V. Produkts, Sweden, is the latest addition to our IAQ Range of products. I.V. Produkt is a part of Skansa Corp., Sweden and specializing in developing and manufacturing aircon related products. It was natural that



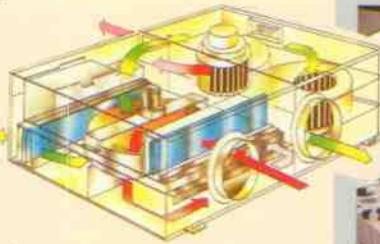
the **Flexomix** be added to our portfolio of products.

The product was introduced by Mr. Jan Axelsson & Mr. Alf Sjoberg, who were visiting India in May.

Flexomix is a modular, *Make-Up* Air Handling Unit (AHU) incorporating a series of functional sections that can be combined as per requirement of the customer, for effective air conditioning with energy savings.

Ecofresh Network . . .

Dealers and Reps. of Ecofresh Energy Saving Preconditioners from all over the country met in the first week of April to discuss the strategy to spread the importance of good Indoor Air Quality (IAQ). Both the marketing team and the dealers left charged, keen to introduce "A Breath of Fresh Air" in more and more establishments countrywide.



8th-9th April'96



Understanding the concept of IAQ, dealers of ESP at the dealers's meet



... Supported by IAQ updates

Helping the marketing team to create awareness on Indoor Air Quality, a series of IAQ updates have been prepared, helping people understand the importance of good indoor air quality and how it can be improved. *If you are interested in obtaining a copy of the 'IAQ updates', please write in and we'll be happy to send you one!*



WHEN MOISTURE IS TORTURE

POLYESTER CHIP DRYING

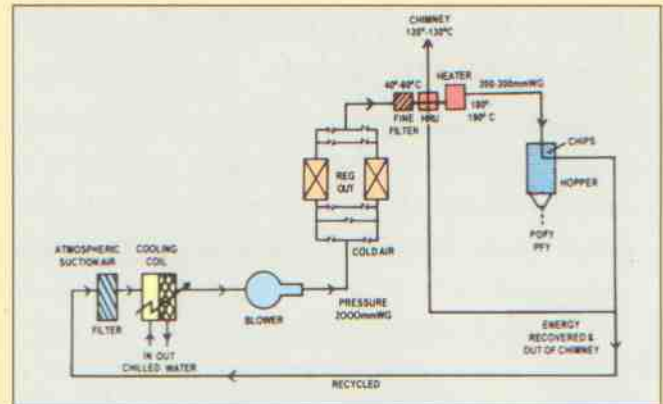


Fashion streets to fishing nets, Delair compressed air dryer's presence is felt everywhere. Polyester cloth material and fishing nets, are made of polyester filament yarn (PFY) and partially oriented polyester filament (POFY).

Manufacturing good quality yarn from polyester chips is a challenge for any manufacturer. Polyester chips being highly hygroscopic absorbs moisture from the surrounding air. At the time of production this moisture boils off when chips are being melted for making yarn. This boiling vapour causes structural and cosmetic flaws to the final product which hamper the production of yarn as well as quality of yarn resulting in bad quality of textiles.

Thus, it becomes pre-requisite to dry these "Chips". Delair Desiccant Heat Regenerated DB dryers provides the ideal solution to this problem.

Atmospheric air is sucked in and is chilled in the cooling coil. This chilled air now passes into the blower under low pressure and the moisture present in the air is dried by the Delair DB dryer. This dried air is heated to 180°-190°C in the heater just before it enters the hopper containing the polyester chips.



Typical process diagram of polyester chip drying using Delair DB Dryer

Hot, dried air coming out of the dryer is now allowed to pass over the moisture laden chips in the hopper. The moisture is absorbed immediately by hot, dried air due to pressure difference leaving the polyester chips dry and crisp.

The exhaust air heavily laden with water, comes out and can be either thrown out after utilizing it's energy or can be recycled back.

The chips, which are absolutely moisture free, are ready to be melted and converted into yarn to form the final product which will catch the big fish or better still, adorn a damsel.



Bry-Air

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