

dry facts

...from BRY-AIR

APR -MAY -JUN '98

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Network for next millennium



not to geographical scale

Bry-Air opens offices in China, Thailand, Indonesia . . .

Keeping with its philosophy of "being never too far from its customers", Bry-Air Asia's network has been spread to include full fledged representative offices in China, Thailand and Indonesia . . . soon to be followed by offices in Philippines, Dubai, South Africa and Australia.

The rep. offices provide the support in market development, product application, designing systems for various applications; supporting the distribution network and service support to the Bry-Air Reps. in the region. Customers in the region can look forward to direct online support to all their humidity control problems now !!

Climatic Chambers for Motors



Arctic India Sales, which represents ACS, Italy for its range of environmental chambers, logged major orders from Automotive

India, a subsidiary of Ford Motors, and Brakes India for vibration and climatic chambers for testing automotive components. It also got an order from Central Building Research Institute (CBRI) for testing building materials.












Latest Trends, Techniques and Equipment for Environmental Simulation

ACS is the leading manufacturer of environmental chambers in the world. Mr. Gianluigi Angelantoni, Managing Director, ACS, Italy, was in India recently



and presented a seminar, titled "Latest Trends, Techniques & Equipment for Environmental Simulation", hosted by Arctic India Sales.

ACS RANGE FROM ARCTIC INDIA SALES

-  Heat-cold chambers
-  Sunlight test chambers
-  Wind end rain test chambers
-  Heat-cold-humidity chambers
-  Altitude test chambers & space simulators
-  Traction and compression test chambers
-  Thermal shock & burn-in chambers
-  Vibration & Environmental Stress Screening (ESS) chambers
-  Corrosion & industrial atmosphere testing chambers

PLASTIC DIVISION UPDATE

Geared to Provide Dosing solutions

Paul Edmonson, Sales Manager, Maguire, UK took all the sales engineers from Plastics Divisions through hands on session on the Maguire range. The entire team is now ready to support the industry in its dosing needs. Arctic India Sales represents Maguire in India. Maguire, is one of the leading manufacturer of Gravimetric Dosers and Blenders and Vacuum Sequencing Systems in the world.



Another new introduction for the Plastics Industry

Mould Temperature Controller . . . BTC series

Designed and engineered to provide precise temperature control, the Bry-Air Mould Temperature Controller is a perfect match for your Plastics Moulding Machines. The new Bry-Air Mould Temperature Controller is designed to maintain constant temperature of mould used in injection moulding process and ensures :

- Increase in product efficiency.
- Final glossy finish of product.
- Reduces product shrinking. Eliminate product weld line.
- Provides product consistency.



Bry-Air BOOTH AT PLAST MALAYSIA '98



SHOWING AT TRADESHOWS !!

ECOFRESH™

Treated Fresh Air Units (TFAs)

Displayed at **COMFEX'98**
APRIL 28 - MAY 2, 1998 *Delhi*

TFAs displayed at the AIE booth generated a lot of active interest from the consultants and industry. Arctic India Engineering, in technical collaboration of IV Produkt, Sweden



has recently introduced Treated Fresh Air Units (TFAs) integrating heat recovery option for conditioned spaces. Also, displayed at the booth were

the *Eco-Fresh range : Heat Wheel, Energy Recovery Ventilator, Heat Extractor and Bry-Air Eco-Dry Compact Dehumidifier.*

ECO-COOL

Evaporative Cooling Pads

at Poultry Expo'98



Poultry Expo'98 and Comfex'98. Comfort, Poultry and Horticulture are 3 major areas of application of cooling pads.

After a successful launch at the Kisan'97 at Pune, to the Agriculture Sector, the Eco-Cool Cooling Pads received a tremendous response at the

at Comfex'98



WHEN MOISTURE IS TORTURE !

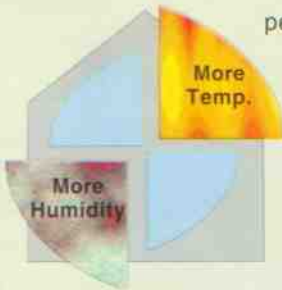
In this column we will share with you regularly our experience on major application areas where usage of dehumidification is both extensive and essential.

Cool, Dry Air For More Comfortable Hotel Rooms

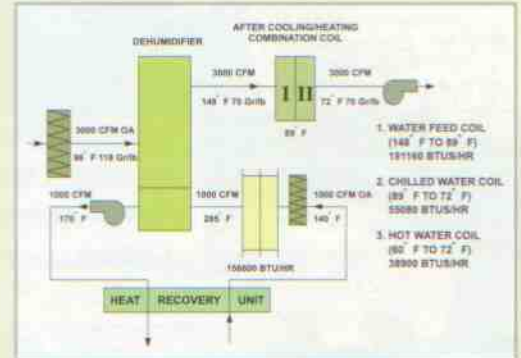


People prefer cool and dry air !

The impact of indoor humidity on people has been neglected for decades. Ventilation rates required to obtain a certain perceived air quality, have been also assumed to be independent of humidity. It has been generally accepted that pollutants from indoor air sources viz. from human beings, tobacco smoke, VOCs, etc., need to be diluted with outdoor air to a level perceived acceptable by the people. Thus, treating outdoors for humidity control has not been the focus



of designers. However, recent studies at various international forums have shown that perceived Indoor Air Quality (IAQ) is strongly influenced by both *humidity* and *temperature* of air we inhale ! Increased awareness of IAQ and health consciousness has resulted in increased concern for methods used to treat fresh air.



Treating fresh air with rotary desiccant dehumidifiers to control humidity

Conventional treatment of air, where air is cooled, condenses the water, which tends to create health problems due to mold, mildew and bacteria formation.

Using a rotary desiccant dehumidifier to precondition air is preferred in service industry or similar areas where 100% fresh air is required to be treated.

The fresh air is either precooled partially and then passed through a rotary desiccant dehumidifier, where the moisture content is reduced to the desired level. This air is passed over a heat exchanger coil fed with a cooling tower and/or chilled water to bring down the temperature to the desired level.

Such treatment units are more cost effective, more hygienic and the problem of mold, mildew formation and bacteria growth is totally eliminated. Also, additional advantage is elimination of usage of CFC based system to a large extent.

Payback of such system range between 1 year to 3 year.

Treated Fresh Air (TFA) Units with Energy Recovery Check list for hotels hotel rooms



A minimum of 60-70 cfm fresh air is required per room to preserve furnishings and to maintain fire safety standards.

This translates to a separate air handling unit for each floor which results in high utility bills.

The answer to the problem is simple !

Use a Eco-Fresh Treated Fresh Air Unit incorporating Energy Recovery.





ZAVEH CO. LTD.

Our Rep. in Iran



Mr. Ali Gharai, Managing Director, Zaveh is the moving force behind Zaveh's progress. Zaveh Co. under the dynamic stewardship of Mr. Gharai is today a leading Pharma-

ceutical equipment supplier in Iran.

Zaveh has been a Bry-Air rep. for almost a decade. Through Zaveh many dehumidifiers have been installed in many major pharmaceutical companies in Iran .

Bry-Air Dehumidifiers find an application in almost all areas of pharma — production, processing, packag-

ing and storing. One of the biggest jobs in Iran was a mammoth MVB 175E to Zakaria Pharma, Iran.



A Bry-Air packaged system

delair

introduces

SUPER ENERGY SAVER

. . . FD I Series

The Next Generation

Refrigeration Compressed Air Dryer



- Smaller Foot Print.
- More Energy efficient.
- Cost Effective - Low Cost.
- Full Automatic Operation.
- Easy to install.
- Easy to integrate into existing Compressed Air System.

Bry-Air

ISO 9001

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