



Bry-Air Preserving Heritage for the Future

Moisture is the natural enemy of preservation. It results in the decay of paper, parchments and photographic film and also causes organic colours and dyes to fade. If proper measures are not taken in time, artifacts that are generally made of organic material ; wood, leather, paper, natural fibre, bone, ivory, etc., could be lost for ever. Museums and libraries should maintain humidity levels of 40-45% RH.

Bry-Air has been at the forefront in preserving heritage against corrosion and spoilage, whether it is preserving the legacy of Mao at the Mao Tse Tung Museum or the relic of the Raj; Victoria Memorial. Bry-Air is credited with jobs at the Sharjah Library, Princess Library Thailand, Arkib Negara.

Provided below are some examples

History of Arkib Negara,

After Malaysia became independent on 31 August 1957, the Public Record Office was established on 1 December of that year. In 1963, its name was changed into National Archives of Malaysia. In 1966, the National Archives Act was passed by the Parliament and received Royal Assent. In the same year the Archives building at Petaling Jaya was opened. The National Library was established as part of the National Archives in 1971 but separated again in 1977. In 1982, the present National Archives building on Jalan Duta was officiated. The mission of the National Archives of Malaysia is to hold in custody and preserve archival materials pertaining to the nation's history and to disseminate information regarding their importance to the public.

A Bry-Air in time prevented Microfilm deterioration

As custodians of the priceless information, the authorities at the prestigious Arkib Negara Museum, Malaysia were up against a formidable enemy. An enemy that was invisible, yet capable of inflicting serious damage. All the efforts, painstakingly taken for preserving records for posterity through microfilms were going in vain. The microfilms were showing signs of damage. The formidable enemy moisture was taking its toll. This situation could have been easily averted by creating ideal conditions for storing the microfilms. Microfilms are sensitive to temperature and moisture. They are also severely damaged by exposure to dirt, dust and light. While the temperature and other factors were readily controlled, checks had to be installed at Arkib Negara to combat the moisture menace.

The problem of microfilm storage, not just at the Arkib Negara but everywhere else, is that neither too high nor too low relative humidity is good for it. While high moisture content (above 65% RH) leads to mold growth, low humidity (below 25% RH) has been noted to cause brittleness and static (in case microfilms are handled frequently). Fungus growth is more prominent in silver gelatin films. It is necessary to stop the fungus growth in its tracks before it causes a permanent damage i.e. chemical breakdowns that make the gelatin sticky and water soluble. So for long term preservation of microfilms, dehumidification is the desired option.

After studying the unique problem at Arkib Negara, the Bry-Air engineers suggested installation of a dehumidifier in conjunction with the air conditioner. Needless to say Bry-Air in time saves microfilms.



Research Hall of National Archives

- ▶ West Bengal State Archives
- ▶ Universiti Islamic Antarabangsa
- ▶ University of Malaya
- ▶ Perpustakaan Foto Persekutuan
- ▶ National Museum
- ▶ Gulf Library / Al-Sabbah Cont.
- ▶ Central Archive of H.H. The Dalai Lama
- ▶ International Islamic University
- ▶ Thailand Princess Library
- ▶ Victoria Memorial Hall

Moisture - The Natural Enemy of Preservation.

Bry-Air, preserving the memory of Mao Zedong

Shaoshan Mao Zedong comrade memorial hall, houses memorabilia from Mao's life time including the great dragon seal, the watch which was presented by Guo Moruo at Chong qing, the nightclothes which had 73 patches and had been wore for several decades, the bills and the recipes of Mao Zedong's family life. The museum has received over fifty million visitors since its opening to the public in 1964, . Bry-Air dehumidifiers are perserving these artifacts and memorabilia.



Bry-Air, keeping alive indigenous cultures of the North East.

Bry-Air supplied 13 dehumidifiers to Don Bosco Centre for Indigenous Cultures (DBCIC), Shillong, India for preservation of artifacts; paintings, handicrafts, costumes and armaments, musical instruments and statues. DBCIC is not only a museum but also a research center on the tribes of North-East India, with a comprehensive library of its own.



Bry-Air® DEHUMIDIFIERS

Humidity Control : Time tested Solution

Bry-Air Dehumidifiers : preserving heritage for the future

Bry-Air desiccant dehumidifiers, when used in conjunction with air conditioning, can provide the perfect environmental storage conditions for all sorts of valuable artifacts, documents and works of art. Bry-Air dehumidifiers provide a low humidity environment which prevents microbial attack. The dry air is often enough for preservation without necessarily involving temperature control.

Large and famous museums, churches and libraries use only dehumidification without temperature control to save and preserve the priceless treasures of the world.



We are with you always, for assistance and free consultancy there are :

3 Easy Ways To Reach Us

Visit Us at
www.bryair.com

E-mail Us at
bryairmarketing@pahwa.com

Fax us at
(011-23906600)

An ISO 9001:2008 and 14001:2004 Company

Bry-Air®

Enter Bry-Air... exit moisture



BRY-AIR (ASIA) PVT. LTD.

INDIA	I BRY-AIR (DELHI)	I BRY-AIR (MUMBAI)	I BRY-AIR (BANGALORE)	I BRY-AIR (KOLKATA)	I BRY-AIR (CHENNAI)
Corporate Office:	I Head Office:	I Phone : +91-22-24935155/24947475	I Phone : +91-80-25271232	I Phone : +91-33-22814841/4877	I Phone : +91-44-26287231/26203830
21C, Sector-18,	I 20, Rajpur Road, Delhi 110054	I E-Mail : bryairmumbai@pahwa.com	I E-Mail : bryairbangalore@pahwa.com	I E-Mail : bryairkolkata@pahwa.com	I E-Mail : bryairchennai@pahwa.com
Gurgaon-122015	I Phone : +91-11-23906666	-----			
Phone : 91-124-4091111	I Fax : +91-11-23906600	I BRY-AIR (BARODA)	I BRY-AIR (HYDERABAD)	I BRY-AIR (CHANDIGARH)	I BRY-AIR (KOCHI)
Fax : 91-124-4091100	I E-Mail : enquire@pahwa.com	I Phone : +91-265-2351493	I Phone : +91-40-27154243	I Phone : +91-172-4678806/7	I Phone : +91-484-4052940
E-Mail : bryairmarketing@pahwa.com	I Website : www.bryair.com	I E-Mail : bryairbaroda@pahwa.com	I E-Mail : bryairhyderabad@pahwa.com	I E-Mail : bryairchandigarh@pahwa.com	I E-Mail : bryairkochi@pahwa.com

Our Domestic Offices: ♦ Delhi ♦ Mumbai ♦ Kolkata ♦ Chennai ♦ Bangalore ♦ Hyderabad ♦ Baroda ♦ Chandigarh ♦ Kochi

Our Other Overseas Offices: ♦ USA ♦ Brazil ♦ Turkey ♦ Italy ♦ Netherlands ♦ Switzerland ♦ Korea ♦ Japan ♦ Thailand ♦ Indonesia ♦ Nigeria

A PAHWA ENTERPRISE

DEH/2010/163