

Humidity Controlled Dry Storage Buildings



Humidity controlled dry storage metal buildings



Dry Storage

Winning the Battle with Mother Nature

The Mifram Dry Storage Building was designed to store both military and commercial equipment, and vehicles. The system offers total protection against corrosion, equipment degradation and moisture induced function failure radically reducing maintenance by maintaining operational readiness. Storage facilities are scalable to accommodate tanks, APVS, mobile cannons, missiles, including associated ammunitions, radar, optical, electronics and weapons.

Cost consideration

The Mifram Dry Storage Building allows for a direct reduction of requirements for skilled and non-skilled personnel at a base-unit level resulting in an average reduction of 60% less regular maintenance.

Vehicles, machinery, and associated systems can be stored in a dry storage building for a period of up to two years without the requirement for periodic maintenance. The IOR is dependent on a number of factors, including the costs of the specific vehicle, machine, manpower, and periodic maintenance. Subsequently, the lifecycle of the equipment is prolonged positively impacting cost reductions.



MIFRAM Ltd.
SECURITY DIVISION Since 1962

www.mifram.com



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Principles Of The Dry Storage Concept

The Shed is a barrier to humidity (moisture) and dirt. The challenge of removing humidity was accomplished by installing custom designed dehumidifiers and average humidity levels are kept below 35%RH. The lack of moisture, dust, and dirt ensures that vehicles and equipment are removed in the same condition as when they originally stored. In addition, temperature is controlled using a sophisticated, insulation system

Vehicle batteries are fully serviced by a pre-determined monitoring schedule and automatic charging. Battery condition, humidity and temperature levels are first available on a monitor outside each shed and can be easily documented for vehicle maintenance records and this data can be transmitted to a central location for electronic storage.

Optional Monitoring Devices:

- Fire detection.
- Intrusion detection.
- Hydrogen level

What Does A Dry Storage Shed Do?

Machinery not only stays clean, it preserves paint, protects rubber parts, and keeps disc brakes shiny and rust-free because ultraviolet light, ozone, and fresh air with oxygen and moisture have been eliminated from the storage environment.

You Need A Dry Storage Shed If...

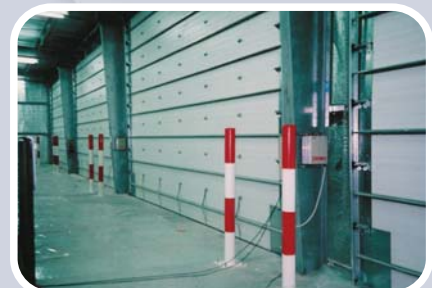
- Your Machinery sweats during storage.
- Vehicles and machinery need to remain clean and operationally ready.
- Reduce corrosion on your Vehicles/machinery.



Almost air tight humidity controlled metal structure under erection



Trucks under humidity control atmosphere & continues charging



Special sealed overhead doors



Dry storage "tents" hanging on existing structures with desiccators.



Dehumidified storage "tent" structure.



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