



FibreVault™

A Weather-Resistant, Permit-Free Enclosure for Your Compressed Air & Process Equipment

FibreVault™ is a durable, all-weather fibreglass enclosure designed to protect compressed air and process equipment without the delays, cost, or red tape of traditional building structures.

Built from high-strength fibreglass and ready for outdoor, harsh, or space-limited environments, FibreVault™ gives industries a faster, more flexible way to deploy compressed air systems.

Benefits of FibreVault™

No Building Permits*

Install quickly without construction approvals or regulatory delays.

All-Weather Durability

Fibreglass construction resists corrosion, moisture, temperature extremes, and harsh site conditions.

Modular & Space-Saving

A compact footprint makes FibreVault™ ideal for facilities with limited indoor space or expanding production lines.

Reliable Equipment Protection

Designed to protect compressed air and process equipment from weather, debris, and on-site hazards.

Fast Deployment

A ready-to-install enclosure that keeps your project moving.

** Permit requirements may vary by municipality—please confirm with your local authority.*



Built to Withstand Tough Conditions

- Engineered to withstand the full range of ambient temperatures, wind loads and snow loads experienced across North America
- Corrosion-resistant fibreglass for coastal, offshore, or chemical environments
- Non-conductive structure for added electrical safety
- Weather-sealed enclosure that reduces leaks and protects equipment performance

Design & Load Specifications

Dead Load: Self-weight of the enclosure.

Live Load: Designed with acceleration factors for highway transport, meeting the standards set by the American Bureau of Shipping (ABS) Rules for Certification of Cargo Containers.

Wind Load: Engineered for an average hourly wind pressure of 0.72 kPa (equivalent to 120 km/hr wind speed), based on the NBC-2023AE.

Snow Load: Designed to handle a ground snow load of 9.5 kPa, with an additional rain load of 0.9 kPa, as per the NBC-2023AE.

Load Combinations: Evaluated with all possible combinations in compliance with the NBC-2023AE Tables 4.1.3.2A and 4.1.3.4.

Enclosure Size Options

Width: Fixed at 8 feet.

Length: Adjustable in 2-foot increments, ranging from 2'-8" to 32'-8".

Height: Flexible between 3'-6" and 9'-10".



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