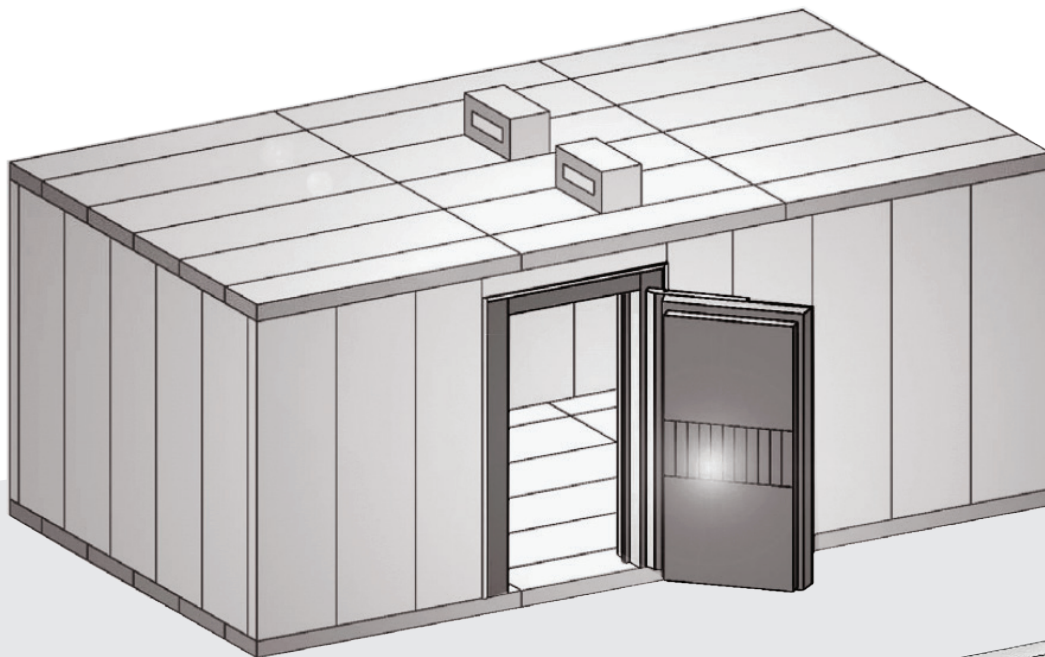




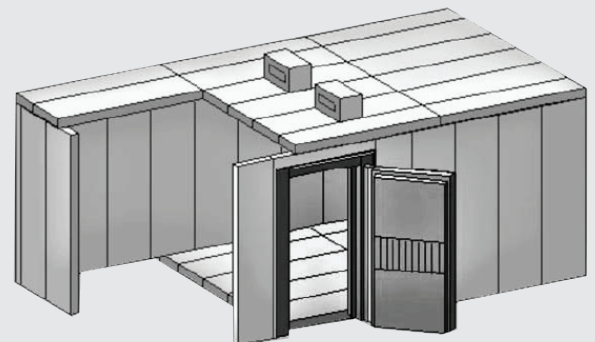
# MODULAR VAULT SYSTEM



## PRODUCT OVERVIEW

Falcon Safe Prefabricated modular vaults provide the ultimate in security and flexibility and cost effective solution for valuable storage. Modular Vault Panels are constructed using Ultra High-Strength Concrete and Steel, it's flexible and easier to install than poured on-site concrete walls. Modular vaults are more cost effective than poured in place, Plus, as your vault needs change, Falcon modular panels allow you the flexibility to expand your vault by adding more panels, or if moving, panels can be relocated to a different site.

Falcon modular vaults provide an attractive alternative solution that can help lower your capital expense, shorten construction time, removable and utilize limited space !



## MODULAR VAULT FEATURES

- 30000 Psi Composite material
- Diamond drill and break-in resistance
- Light weight
- Rust resistance
- Temperature & Humidity Stability
- Pillar-ness structure maximize the vault inside floor spacing
- Full range UL Listed
- Suitable for any construction site
- Short on-site installation time, minimize disruption
- Modular for relocation: less capital expenditure / longer depreciation
- Tailor-made size to fully utilities location floor spacing
- Suitable to be used as vaults to store high-security classified information, weapons, safe deposit lockers, cash, gold and etc



## DESIGN

The standard sized panels can be combined with vault with any size. However, customized size and shape can be fabricated, the panels can be retrofitted and lined with existing rooms or older vaults within building.

Falcon modular vaults meet all the UL 608 M 1,2,3 standards. The modular panels and the vault door prepared for the installation of seismic detectors. Welding panels from both sides are constructed for seismic detecting over a large area. Thus, the number of detectors to be used are reduced through Falcon Safe assembly method.

## FABRICATION

The modular panel is the combination of exclusive high density composite concrete mixed. It is comprised of reinforced rods and steel fibers in galvanized frame. The panels are tested to a compressive strength of 200MPa. That is then cured to more than 10x times the hardness of typical site-poured concrete walls. It is approved to offer protection against burglary by drilling, cutting, impact, fluxing and other destructive methods.

## ADDED FEATURES

### Vault Ventilating Port

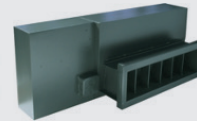
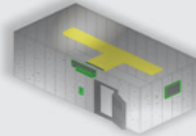
- Reliable design making your vault room extra secure.
- Provide variety grade section compatible to modular vault.
- Ventilating Port UL listed M,1,2 & 3.



UL Listed HVAC Port

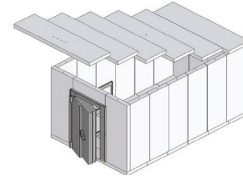
### Air Guard

- Automatically activate itself to open or close according to the status of the vault door.
- Automatically close while power fails.
- The air guard is effective in keeping out burglary, flame, heat, and smoke.
- Air guard is equipped with sensitive sensors for detecting smoke and heat.



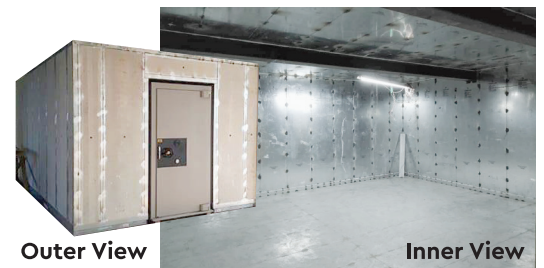
Modular panels are joined by a welded method that firmly locates panels and vaults into a rigid structure, that can be able to absorb and resist for burglary attack and earthquake resistance.

FS Modular vault has never been obsolete. For redesign or moving your storage to another location. Panels can be easily disassembled and reconstructed in a new location.



## MODELS & SPECIFICATIONS

Model	Thickness mm	Weight Kg/m <sup>2</sup>	UL Ratings Class	Testing Testing
FS/BPR-15	60	175	Class M	Quarter
FS/BPR-30	90	262	Class 1	1/2 hour
FS/BPR-60	120	350	Class 2	1 hour
FS/BPR-120	180	525	Class 3	2 hours



## MODULAR VAULT CONSTRUCTION

