

ISM



GREEN

DEVELOPMENTS





# Our Solutions

## 10Ft Unit

- Including PUF Insulation panels.
- Vinyl or epoxy Floor.
- High quality Windows and Doors.
- Installation of ICT and client equipment



## 20Ft Unit

- Including PUF Insulation panels.
- Vinyl or epoxy Floor.
- High quality Windows and Doors.
- Installation of ICT and client equipment



## Flat Pack Hospital Solution

This is a modular prefab structure, consisting of light steel frame and thermal insulation material. It is a new type of energy conservation and environment protection house that is easy and convenient to install.

The structure enables the containers to combine in longitudinal and transverse directions without limits or be stacked in 2 floors or 3 floors in height. The product service lifetime is about 15 years.



## Full Turnkey Solution Based on Tents & Containers

Designed for long-term operation, it has the same features as a purpose built hospital due to the many materials used to provide excellent inside insulation from outside conditions, affording a high degree of comfort and hygiene.

It is designed to work in adverse climatic conditions (+55°C – 36°C) and wind speeds of over 105 km / hour. Depending on requirements, the tents can be combined with multi-purpose expandable containers.

Hospitals are delivered “turnkey” including all the clinical and logistic elements.



## Chambered Negative Pressure Solutions

The Negative Pressure, Flexible-Film (Softwall) restricted access barrier containment units are designed to protect workers and prevent the release of highly pathogenic organisms or highly potent compounds into the surrounding environment.

Some of the features of the softwall (flexible film) containment units include:

- System is run under negative pressure.
- A totally contained chamber, the system does not use the laminar airflow design (the chamber is completely enclosed).
- HEPA inlet and outlet filtration system.
- Large removable doors for moving caging or supplies in and out of the unit.
- Portable.
- Air handling system will automatically

turn off the inlet supply when the door is opened or the pressure increases to almost the ambient room pressure, thus maintaining the negative or inward airflow.

- An alarm system in case of power or blower failure.
- Durable 20 mil. polyurethane for sidewalls and ceiling.
- Strong 30 mil. polyurethane flooring (can stand up to heavy caging systems).
- Lap Seam construction.
- Resealable snap loops for easy assembly and disassembly.
- 1 1/2" anodized aluminum tubing used for frame.
- Provides a restricted access barrier.



## Inflated Tents Negative Pressure Solution

Our Inflatable Negative Pressure tent is a customizable, mobile, and easy to install.

The solution involves a large Inflatable tent with pass boxes on the side of the tent wall for access pipes and electrical ducting which is required to create a negative pressure room.

It is used to contain airborne contaminants such as viruses, bacteria, pollens, gases, VOC's (volatile organic compounds) and chemicals from drifting to other areas and contaminating patients, staff and sterile equipment.

Negative pressure tents can be set up outside hospitals and clinics so that potential COVID-19 patients can be screened in a free-standing facility without the risk of spread to others.



## Containerized Clinics and Hospitals

Containerized Prefab Building is a custom product based on the ISO shipping container. Openings can be made on the containers to install doors and Windows according to the requirements.

All the work can be completed in the factory including insulation and decoration, even installation for furniture and sanitary fittings. After protecting the openings, the modified container can be transported as a ISO shipping container.





## CONTACT US

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