

Foldable Spaces

Foldable spaces is about providing a **Sustainable Solution** for quickly deploying spaces (may it be a House, a Work place, Public utility or just a temporary accommodation) in less than 30 min. Wrapping up, would be as easy as setting it up, where the complete space just folds away to 3-9 times its size. You simply carry your space around, wherever you go.



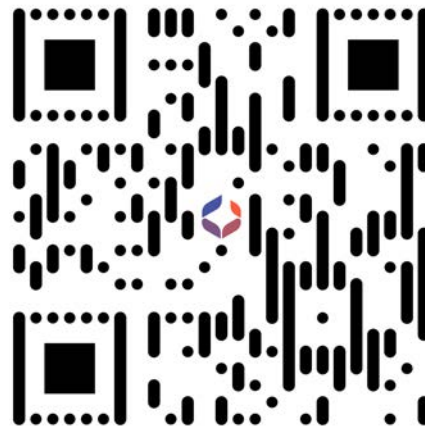
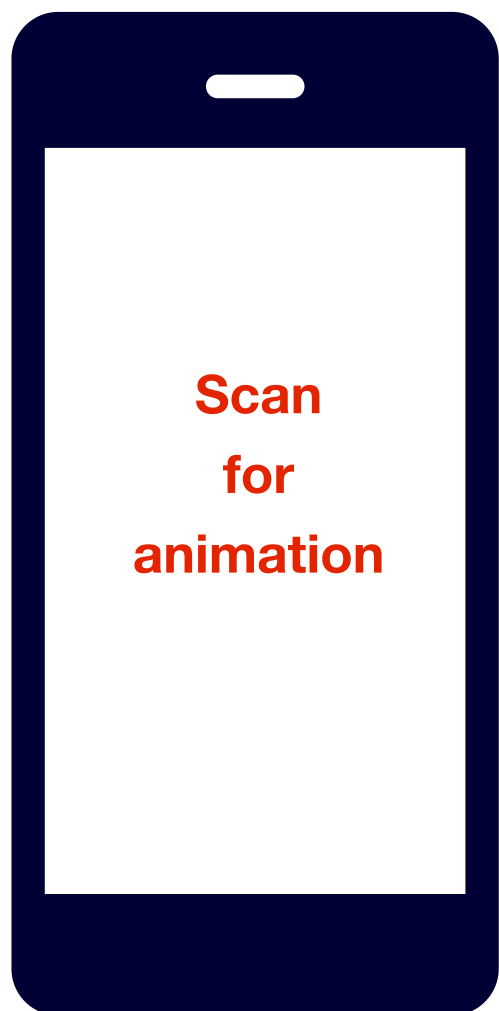
Picture of actual built unit



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Foldable Spaces



Foldable Spaces

Or, Click [here](#) to open link

Features

Size Expansion- Unfolds/ Expand upto to 3-9 Times its folded size.

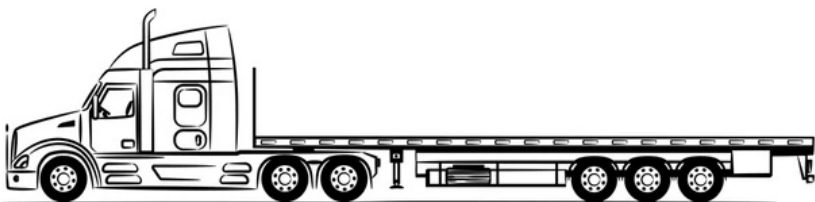
Easy & Quick Deployable/ Re-folding-

In just **30 Min**, the folded equipment can be Un-folded/ Extended and Deployed at any location (With/ Without proper foundation).

Folding back is as simple as Unfolding.

Ventilated Walls & Roofs- This help achieve max insulation from surrounding heat/ cold. Traditionally Small Container houses are subjected to immense heat accumulation during summer. **Forced Ventilation** further help reduce AC/ Heating cost by 30-40%

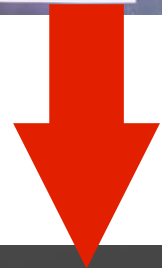
Transportation- Where volume matters the most during transportation, several foldable spaces (2~8 Units) can fit on to one truck/ trailer, saving tremendous transportation cost



Light Weight- Light Weight construction (with uPVC) make this a perfect solution for spaces, that help reduce environmental impact (Carbon Reduction)

Resale/ Reuse- After using the space, same can be re-sold/ reused by other potential users.

Fully Functional Units- Spaces can be fully equipped and functional (Washroom/ Toilet, Kitchen, Foldable Furnitures (Bed, Dinning Tables, Chair etc) , Hot/ Cold Water, UPS, Generator etc



Fully Expanded

Construction

Windows
Material: uPVC

Standard Config: Sliding, Single
Customisation available

Customisation Options

Facade, Flooring, Windows/ Door Type, Foldable Furniture, Glass type, AC/ Heating, UPS
All fitted and shipped in folded condition

Roof/ Walls
Material: uPVC (Ventilated, Corrugated)

Standard Insulation	2.5mm
Medium Insulation	25mm (1")
High Insulation	75mm (3")

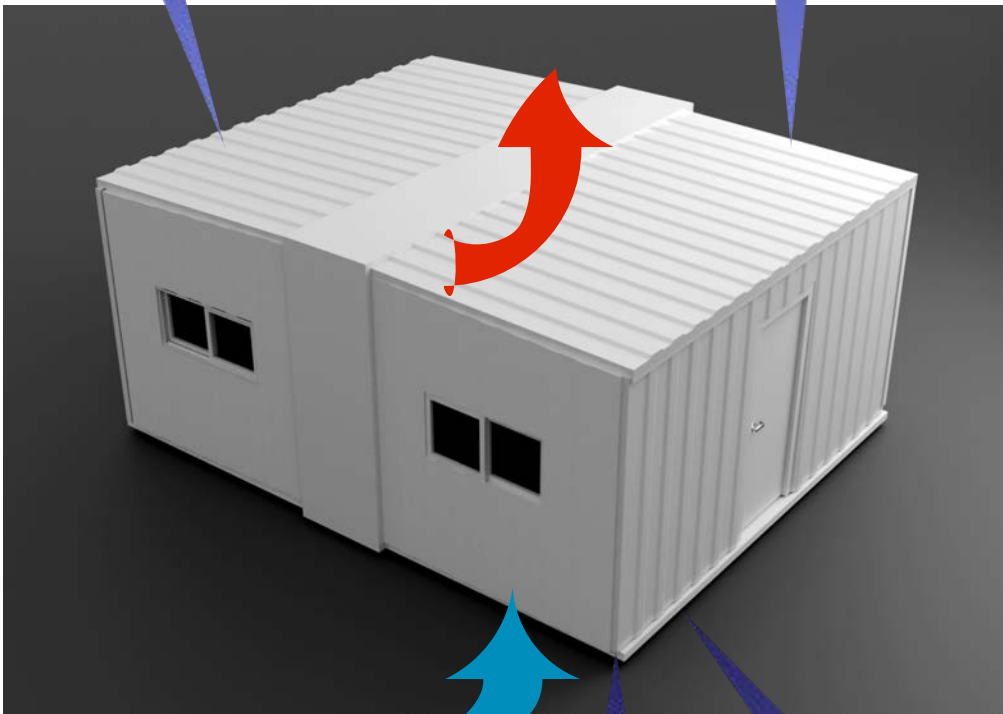


1" Panel X Section



3" Panel X Section

Fully Extended Size 480 Sqft (Max)
1200Kg ~ 3000Kg



Forced Ventilation

Forced ventilation system extracts heat from walls and roof (through ventilated walls), thus reduces AC cost by 30-40%



Flooring
Material: Steel + Cement Board + Vinyl Flooring

Frame
Material: Mild Steel
Main frame 3" Square Channel

Application

Affordable Accommodation will help people have a quick and cheap accommodation available.

Defence Application (Land/ Air/ Naval)- Field Command & Control Centres.

Disaster Relief Activities (NDMA, PDMA, Red Crescent etc.)

Accommodating Refugees (UNHCR)

Onsite Offices & Accommodation for large projects

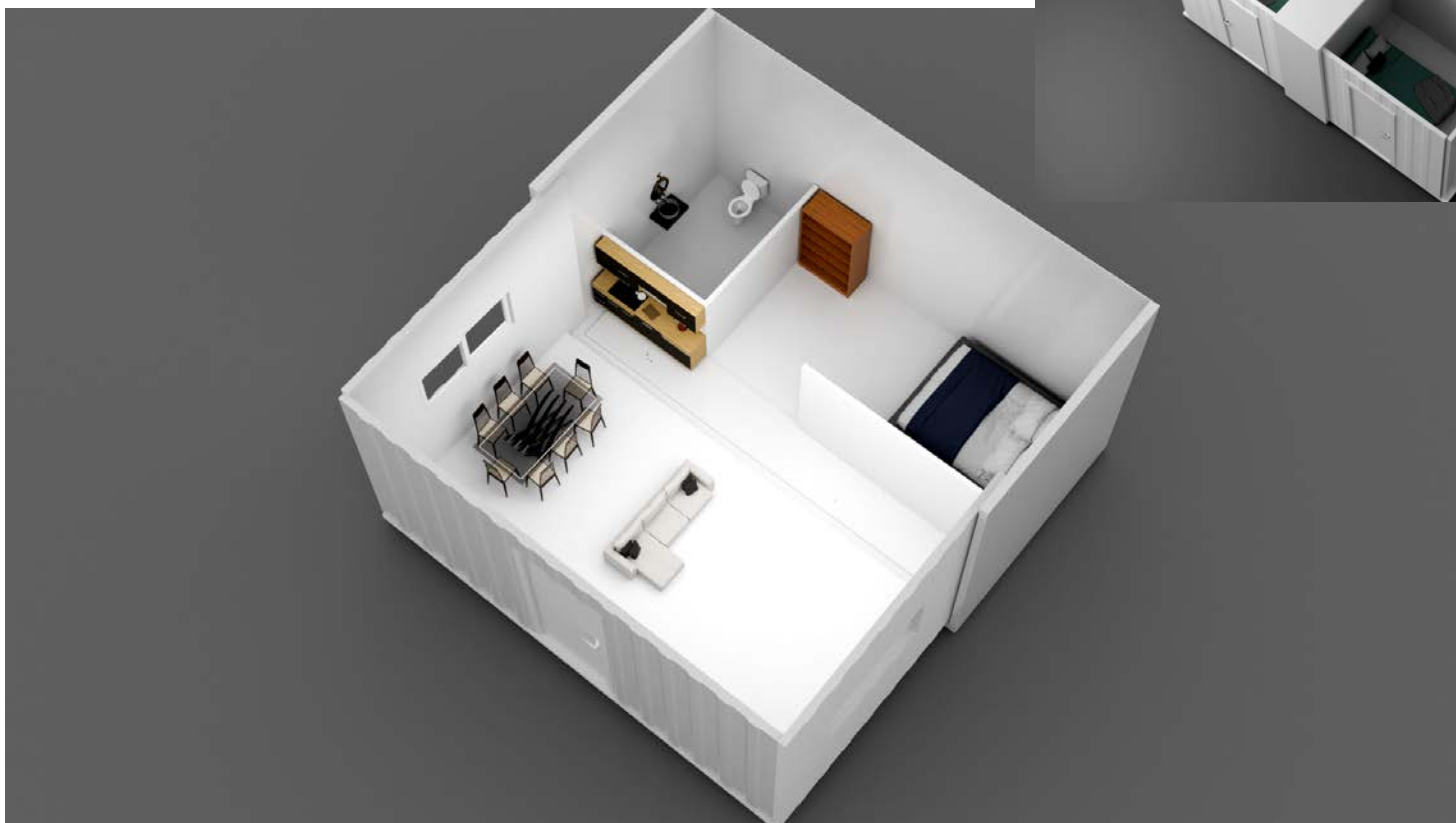
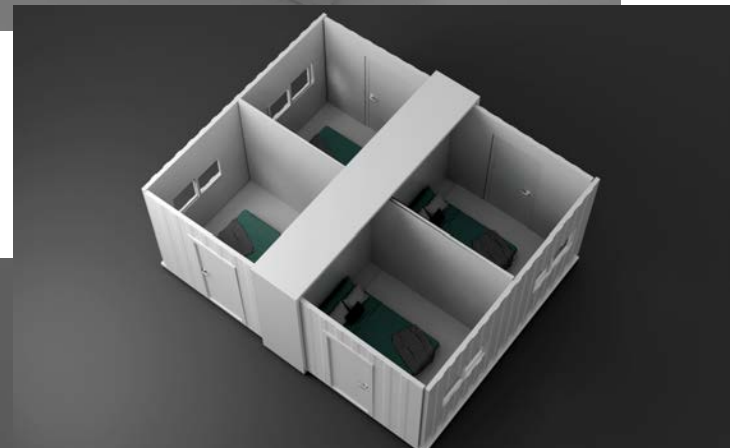
Public Toilet/ Washroom can be setup in minutes (fully functional with pre- installed fixtures)

Adventure enthusiast will deploy quick camping site

Portable Hotel Rooms/ Pods on wheels (Fully Functional)

Exhibition/ **Portable Showrooms** for road shows/ shops

Eco-Conscious customers



Sustainability

100% **Re-cyclable** (Mild Steel Metal/ uPVC)



Least damage to **natural Habitat & landscape** (No permanent structure)



Energy Efficient (Better heat insulation- Forced Ventilation)



Re-usage & Re-deployable
Light weight (Lower Carbon footprint)



Low cost accommodation

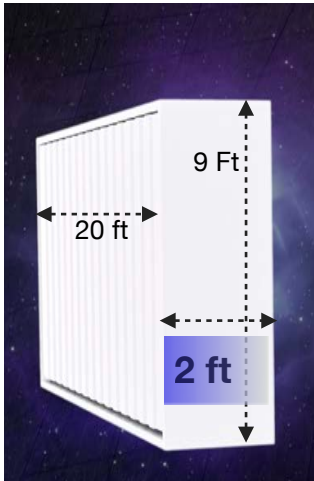


Solar System compatibility/ Living Off the grid (with Solar Provision)

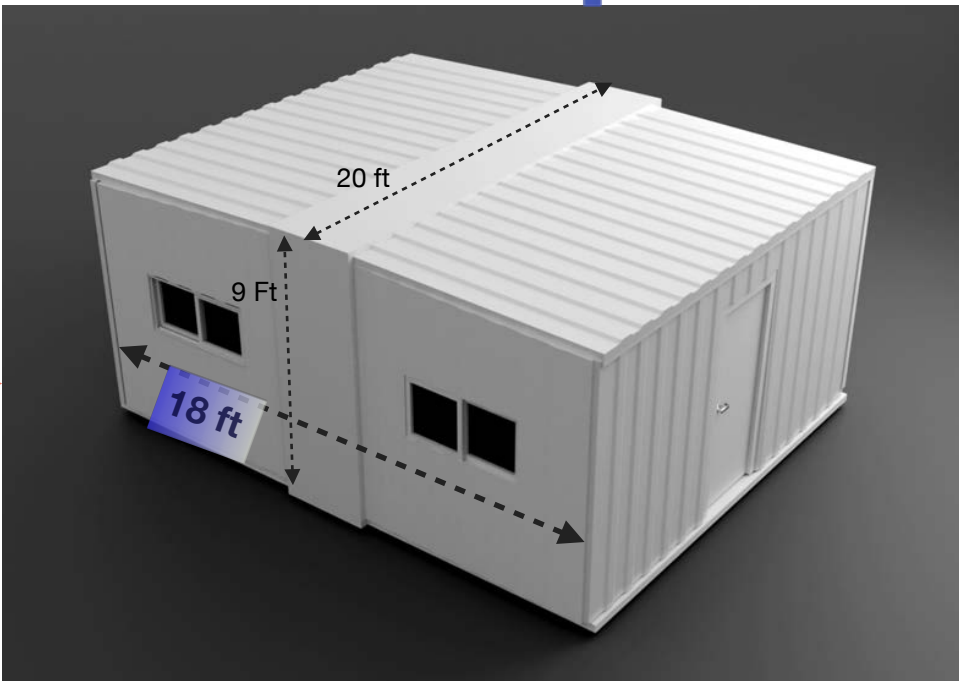
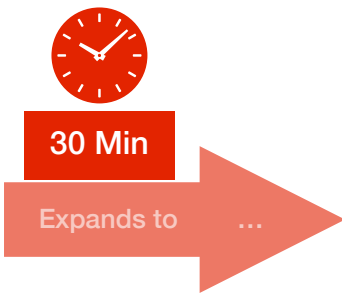
Wide applicability for all aspects of life



Minimal 2.0



40 Sqft



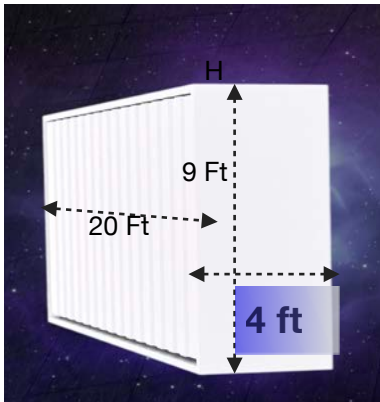
360 Sqft

Minimal 2.0 The title is attributed to its ability to fold down to its minimal width of 2 ft.

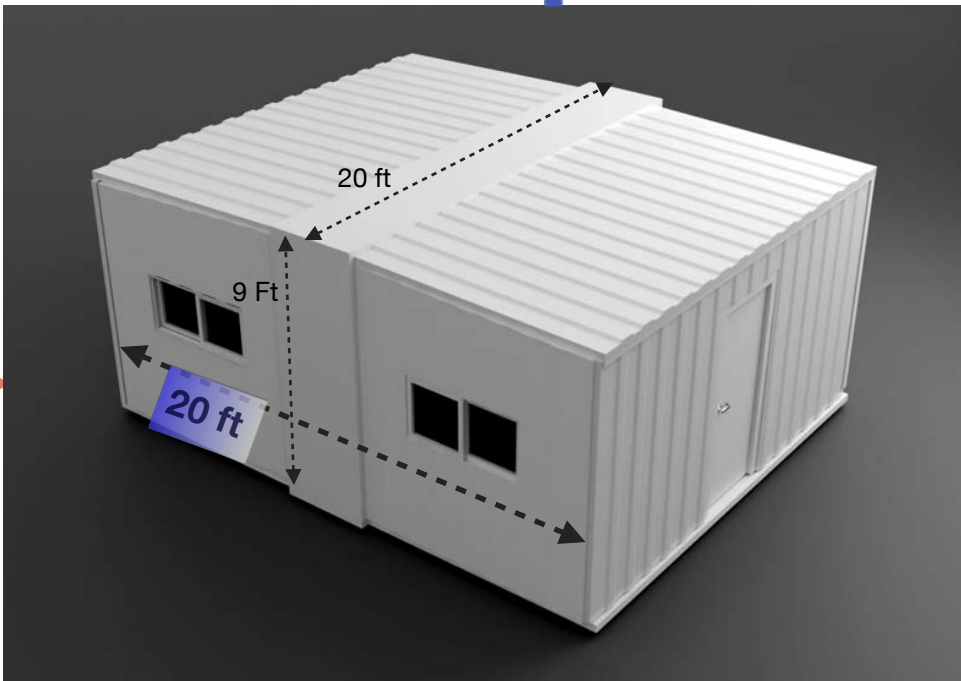
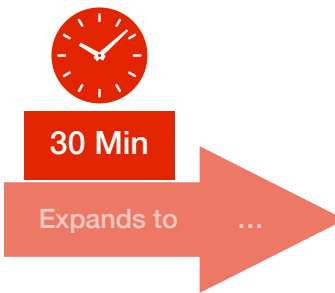
Possible Sizes	10' x 20' (Half expanded) 200 Sqft 18' x 20' (Full expanded). 360 Sqft		
Transportability	x 04 No. Minimal 2.0 on 20' Flat bed x 08 No. Minimal 2.0 on 40' Flat bed (transporting 2880 Sqft space)		
Insulation Available	Standard (Min) 2.5mm uPVC Sheet Walls + Roof Suitable for stores	Medium 1" uPVC Sheets Walls + Roof Suitable for Human occupancy in Mild weather	High 3" uPVC Sheet (Walls) 1" uPVC Sheet (Roof) Suitable for Human occupancy in Extreme weather
Standard Features	Single large hall with no partition Door (uPVC) with Lock - Qty 1 (Size 3.5'x7') Windows (uPVC)- Qty 2 (Size 3'x2') Light sockets- Qty 04 Indoor Lights- Qty 06 Outdoor Lights- Qty 1 Structure footings & Liftings hooks Wiring/ Sockets/ Breaker suitable for 5000 Watts Cement board flooring with Vinyl top		
Permanent Fixtures (Washroom/ Kitchen etc)	No permanent fixtures can be Pre- installed. eg Internal Washroom/ Toilet, Kitchen, LEDs TV, Foldable furniture, Racks etc Washroom/ Toilet can be installed externally		
Utilities/ Application	Storage room Group activities Shelter home Troops Accommodate 4 -6 Bunk Bed Dormitory Upto 12 Mattress		

Minimal 4.0

Foldable Spaces



80 Sqft



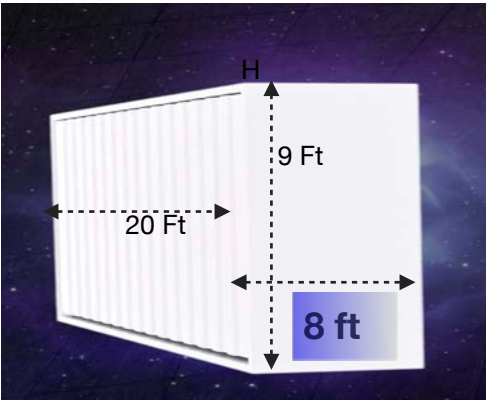
400 Sqft

Minimal 4.0 The title is attributed to its ability to fold down to its minimal width of 4 ft.

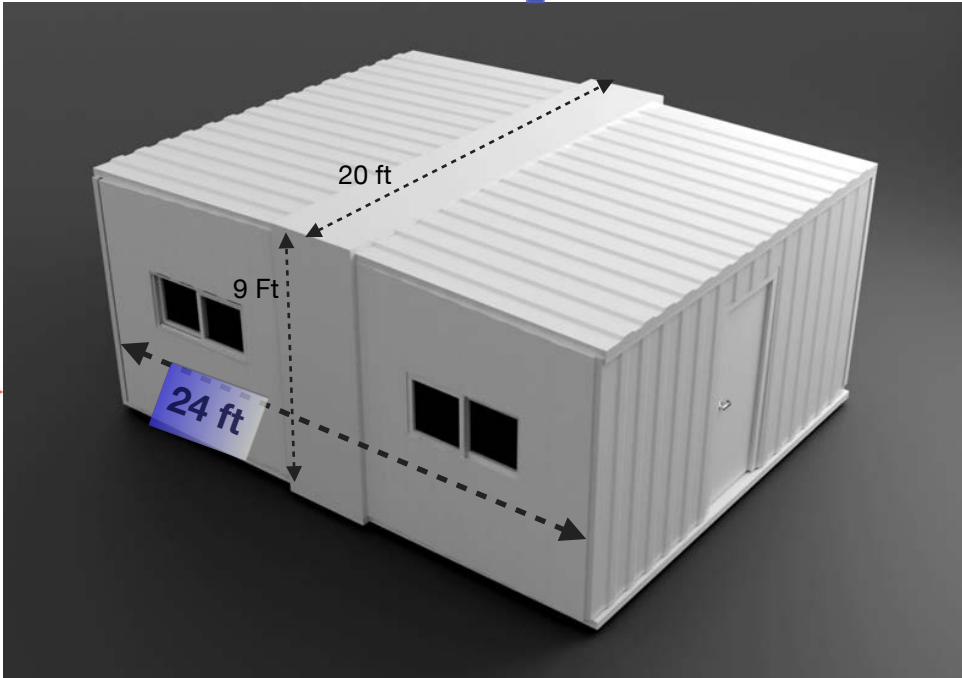
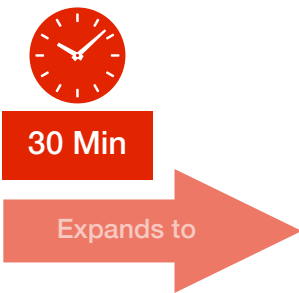
Possible Sizes	12' x 20' (Half expanded) 240 Sqft 20' x 20' (Full expanded). 400 Sqft		
Transportability	x 02 No. Minimal 4.0 on 20' Flat bed x 04 No. Minimal 4.0 on 40' Flat bed <i>(transporting 1600 Sqft space)</i>		
Insulation Available	Standard (Min) 2.5mm uPVC Sheet Walls + Roof Suitable for stores	Medium 1" uPVC Sheets Walls + Roof Suitable for Human occupancy in Mild weather	High 3" uPVC Sheet (Walls) 1" uPVC Sheet (Roof) Suitable for Human occupancy in Extreme weather
Standard Features	Single large hall with no partition Door (uPVC) with Lock - Qty 1 (Size 3.5'x7') Windows (uPVC)- Qty 2 (Size 3'x2') Light sockets- Qty 04 Indoor Lights- Qty 06 Outdoor Lights- Qty 1 Structure footings & Liftings hooks Wiring/ Sockets/ Breaker suitable for 5000 Watts Cement board flooring with Vinyl top		
Permanent Fixtures (Washroom/ Kitchen etc)	Some permanent figures can be Pre- installed. eg Wall partitioning, Cabinets, Kitchen, LEDs TV, Foldable furniture, Racks etc Washroom/ Toilet can be installed externally		
Utilities/ Application	Office block Annxe House Studio Apt/ 1 Bed Apt Public Toilet Resort houses Medical care 6 -10 Bunk Bed Dormitory Upto 12 Mattress		

Minimal 8.0

Foldable Spaces



160 Sqft



480 Sqft

Minimal 8.0 The title is attributed to its ability to fold down to its minimal width of 8 ft.

Possible Sizes	16' x 20' (Half expanded) 320 Sqft 24' x 20' (Full expanded). 480 Sqft.		
Transportability	x01 No. Minimal 8.0 on 20' Flat bed x02 No. Minimal 8.0 on 40' Flat bed (transporting 960 Sqft space)		
Insulation Available	Standard (Min) 2.5mm uPVC Sheet Walls + Roof Suitable for stores	Medium 1" uPVC Sheets Walls + Roof Suitable for Human occupancy in Mild weather	High 3" uPVC Sheet (Walls) 1" uPVC Sheet (Roof) Suitable for Human occupancy in Extreme weather
Standard Features	Single large hall with no partition Door (uPVC) with Lock - Qty 1 (Size 3.5'x7') Windows (uPVC)- Qty 2 (Size 3'x2') Light sockets- Qty 04 Indoor Lights- Qty 06 Outdoor Lights- Qty 1 Structure footings & Liftings hooks Wiring/ Sockets/ Breaker suitable for 8000 Watts Cement board flooring with Vinyl top		
Permanent Fixtures (Washroom/ Kitchen etc)	Permanent figures can be Pre- installed. eg Internal Washroom & Toilet , Wall partitioning, Cabinets, Kitchen, LEDs TV, Foldable furniture, Racks, etc		
Utilities/ Application	1 ~ 2 Bed Apt Fully functional Studio Apt) Office block Rental Space Guest Resort houses Medical care 8-12 Bunk Bed Dormitory Upto 18 Mattress		

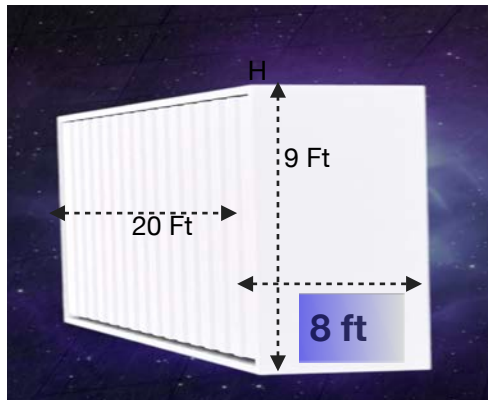
Transport Options

In case you are situated in a difficult to reach areas (eg Mountainous region)

WE GOT YOU COVERED !

Fully Assembled (Folded)

Foldable space reduces its size unto 3~9 times its fully expended size. This can easily be transported through 20'- 40' flatbed trailer.

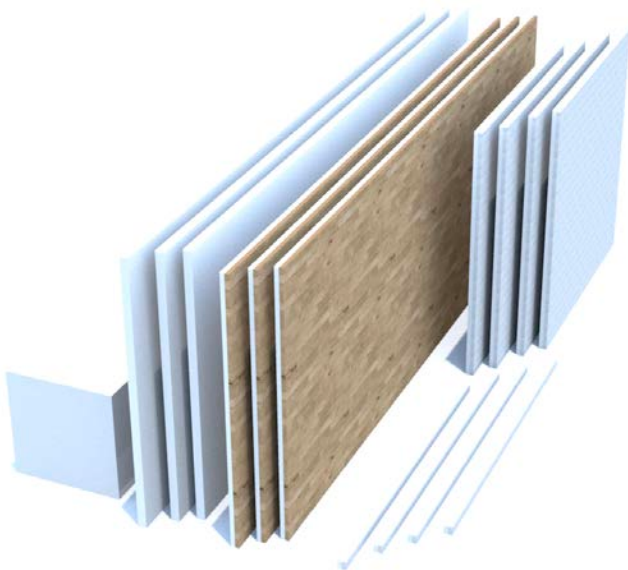


160 Sqft

Dismantled (Modular Design)

If a flatbed is unable to reach your desired location, then we have also devised a solution to this situation, where the unit is Dismantled and Transported through smaller trucks.

All panels/ Semi built walls/ Roof panels are erected onsite in minimal possible time.



Customisation Options

Available Options

Wall Partitioning (Internal)
Detachable washroom/ toilet
Additional Doors/ Windows
Flooring material (other than standard)
Foldable furniture- Pre Installed
Sky Lights
Additional Lights (Indoor/ Outdoor)
Additional sockets & switches
Facade/ Color Scheme
Special equipment mounting
Wheel mounted structure
Solar system mounting
UPS/ Generator

Forced Ventilation of Walls/ Roof

Although, “High insulation” variant is capable to reduce impact of Heat with its 3” uPVC Ventilated sheets. However, forced ventilation system is new innovative technique, that will forcefully extract heat from the walls & roof, by blowing air through Ventilated uPVC Sheets.

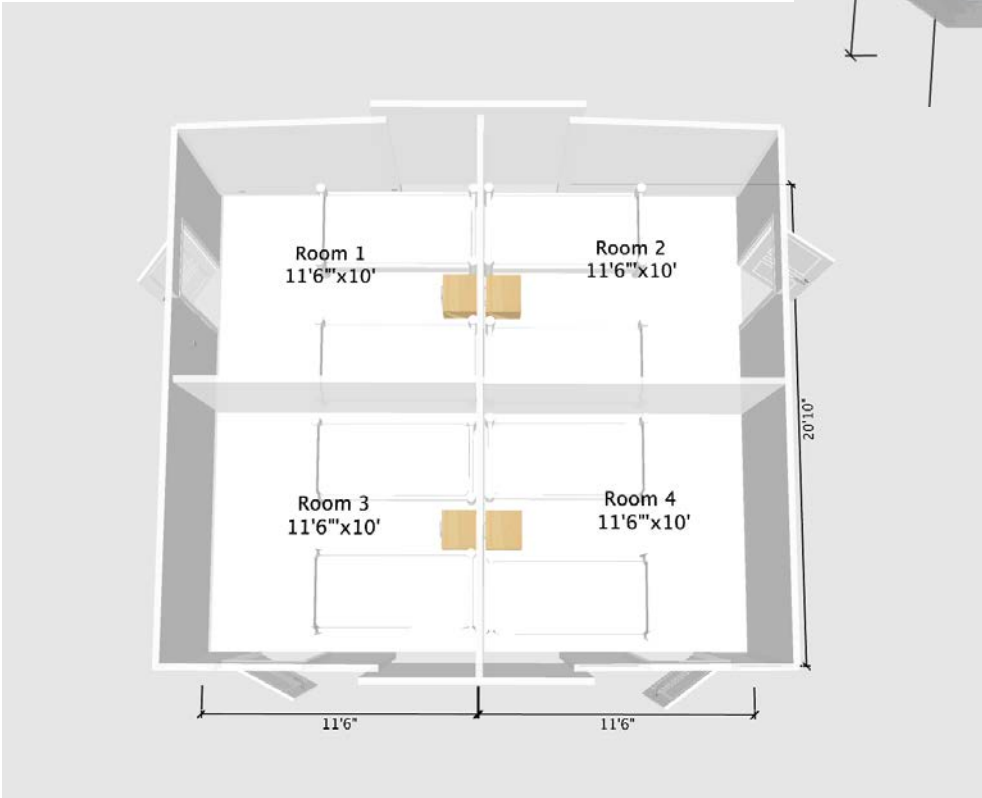
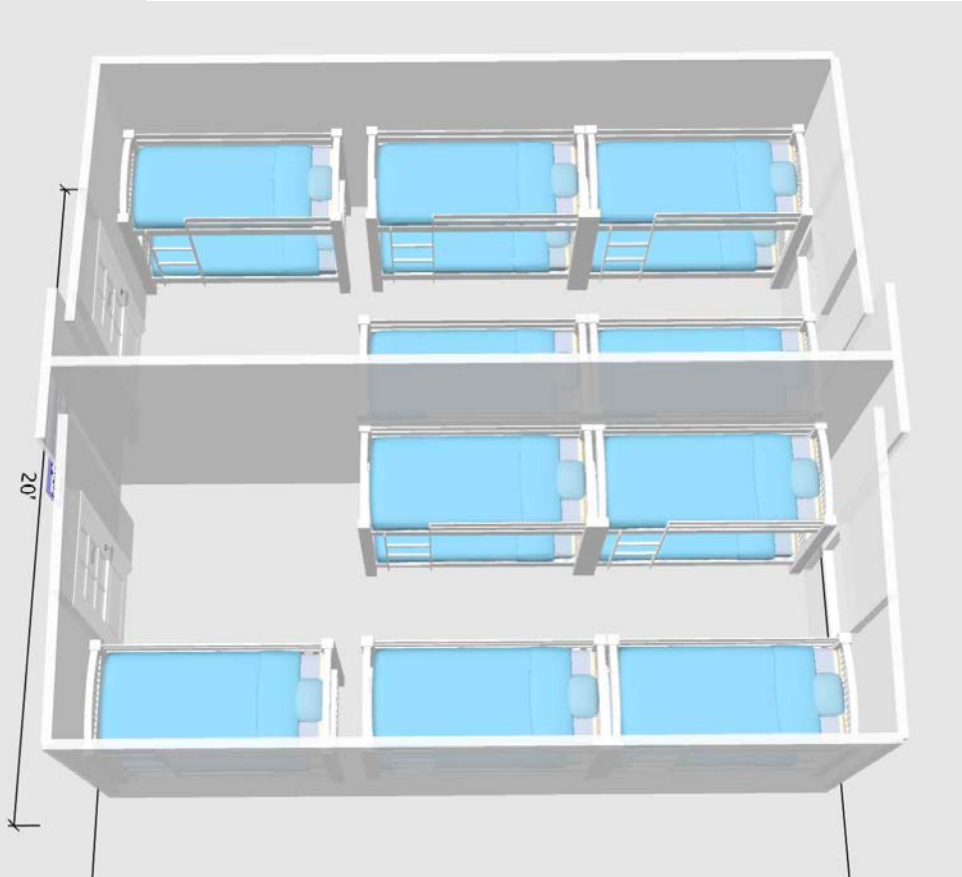


Layouts (Samples)



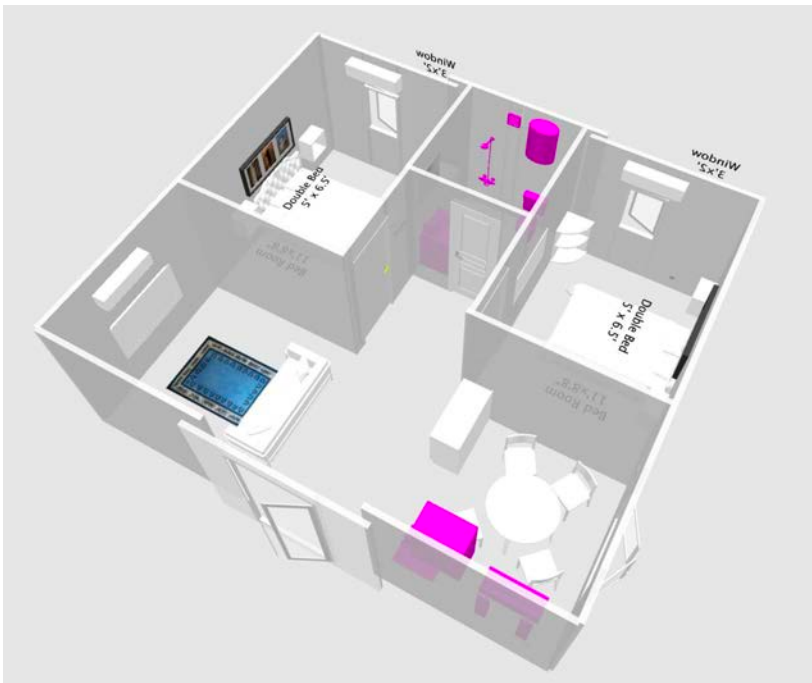
Shelter Houses
Dormitories
Troops Accommodation

Dormitories with Bunk Beds



Onsite Accommodation

Layouts (Samples)



Houses/ Resorts/ Guest Houses/ Annexe

Layouts (Samples)



Houses/ Resorts/ Guest Houses/ Annexe

FOLDABLE SPACES
 Minimal 8- Full Extended
 2 Shops Outlet
 Total Area- 500 Sqft

Media Wall +
 Can be cus

Arched Style Door
 5'x7'

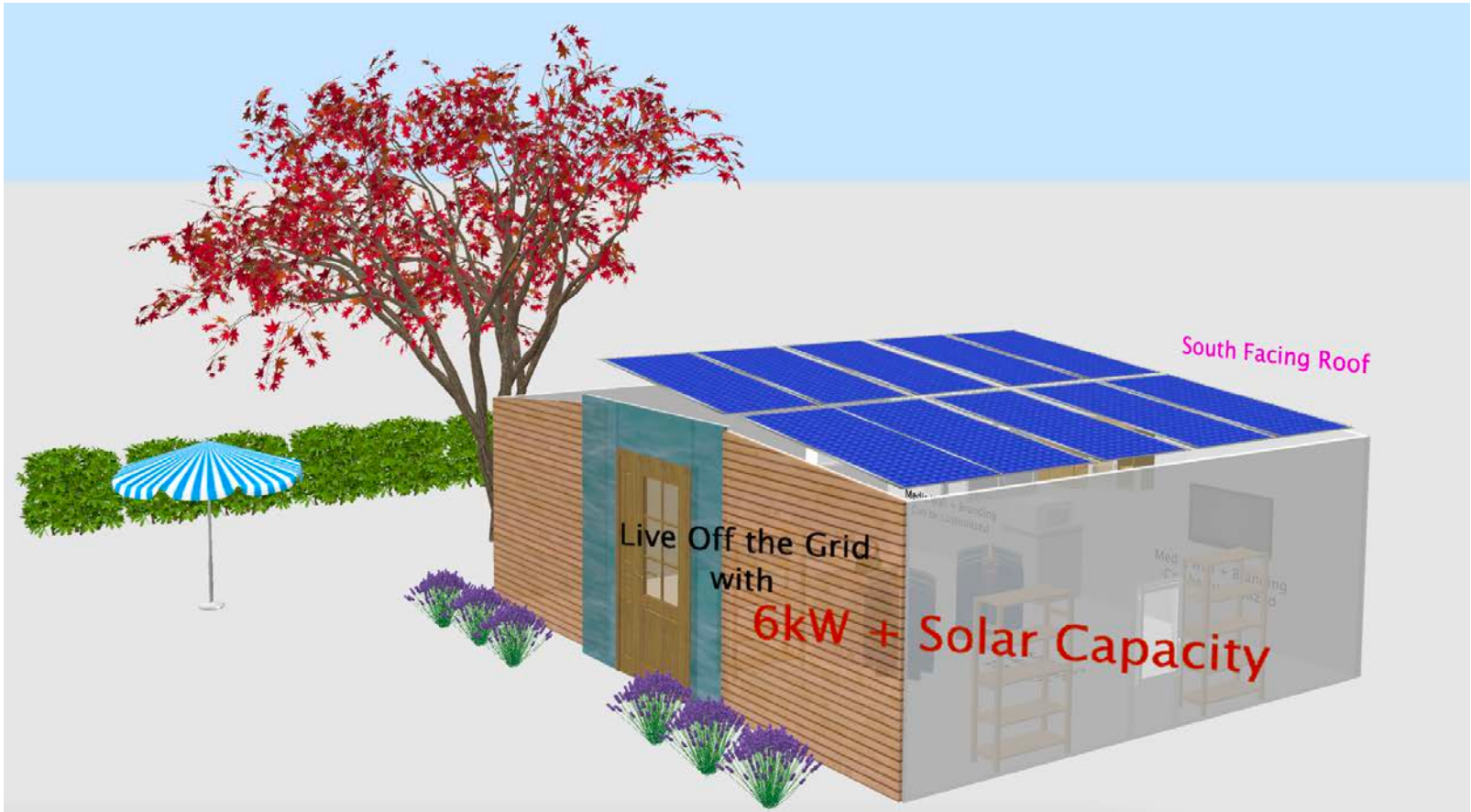
FOLDABLE SPACES
Minimal 8- Full Extended
2 Shops Outlet- Internal Washrooms
Total Area- 485 Sqft

Arched Style
5-7 ft
2 ft

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Layouts (Samples)

Solar System on Roof Top



Public Washroom



Layouts (Samples)

Offices
Onsite Offices
Customer Service Centres



Layouts (Samples)

Restaurants/ Cafe



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