

VITAY PODS

MODULAR OUTDOOR SOLUTIONS

- ⬢ POWERED BY THE SUN
- ⬢ MEDICAL GRADE VENTILATION
- ⬢ FULL HVAC



A single **Medical Pod** measures 8'x8'x10' (aka BICON) and works completely off the power grid. The **Medical Pod** is designed to provide constant and uninterrupted AC/DC power, regardless of weather conditions. Powered by patent pending innovation, the **Medical Pod** utilizes a hybrid power system: photovoltaic solar panels, inverter, efficient batteries and an emergency backup generator.



The **Medical Pod** is an ideal solution for outpatient exam rooms for patient registration, wellness medical exams, measuring vital signs, blood collection, eye exams, basic tests, patient interviews, vaccine administration, etc.



Easily joined together, two **Medical pods** can create one undivided large medical room for more complicated procedures. Optional traffic barriers anchor to the **Medical Pod** utilizing the existing forklift guide sleeves.

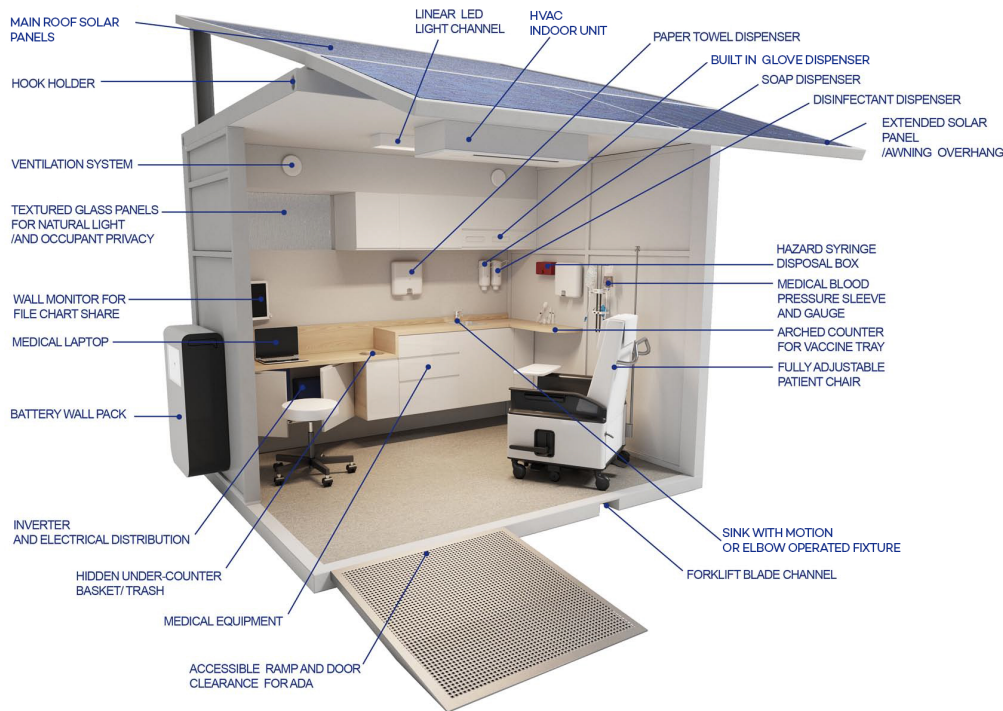


The **Medical pod's** interior high touch surfaces are made from Krypton®, a medical grade antibacterial material. The **Medical Pod** is fully customizable and is ADA compliant. A medical grade ventilation system provides for two minute air change cycles..

FOR HEALTHCARE, DISASTER RECOVERY AND MORE!

EXTERNAL AND INTERNAL COMPONENTS

IMMEDIATE NEED, OUTPATIENT MEDICAL CUBES



The Medical Pod utilizes the hybrid power system: photo-voltaic solar panels,, inverter, ef- icient batteries, and an emer- gency backup generator.

Interior packages are cus- tomizable. Interiors can be swapped out and are deliv- ered as pre- assembled kits including medical, adminis- trative and educational lay- outs.

Hub centric point of connec- tion allows for adaptive sys- tems replacement thereby ob- viating lengthy down time for maintenance or service.

The Medical Pod's sustain-

able "off grid" enabled build- ing system includes: me- chanical medical grade air ventilation exchange with re- cuperation, electrical power system for equipment, inte- gral LED lighting, and plumb- ing for a single use recovery bladder system.

FRAME

Tier one: 16GA steel welded joinery – reinforced deck floor mechanical leveling system at 4 corners

Tier two: 12GA reinforced steel frame welded joinery reinforced deck floor, reinforced ceiling panel, impact resistant to an ASCE 7 rating or mechanical leveling system at 4 corners

WALL PANELS

Fiberglass plastic laminate coated MDX solid core board

POWER SUPPLY

Patented photovoltaic roof array panel, an (accessory) emergency backup diesel or fuel generator.

ENERGY STORAGE

Energy Storage: Advanced battery – utilizing a DC storage with a minimum of 20 kw recoverable hours.

ELECTRICAL

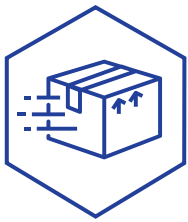
Electrical disbursement is within the wall panels, with direct point of connection ports and outlets for flexible equipment, computers or integral LED lighting

PLUMBING

(Medical Pod, optional for Office Pod): 4 gallon quick recovery electric powered hot water tank and class A fiberglass bladder system, able to provide 40 gallons of tempered water for hand washing. Portable grey water discharge tank can be emptied and replaced as needed. (Tier Two would include an auto filter whereby the water is filtered back to supply reservoir tank.)

VITAY PODS

TRANSPORT, DELIVERY & RELOCATION



Each **Vitay Pod** can be assembled onsite by a crew of two within 8 hours (no heavy equipment is required for assembly).

A pre-assembly base model **Vitay Medical or Office Pod** comes in multiple palletized crates and can be constructed with either an aluminum or galvanized steel frame (approximate weights below):

Aluminum frame: 2,200 lbs

Galvanized steel frame: 3,300 lbs.

Standard furnishings & energy system:

Vitay Smart Box (patent pending)

1,100 lbs.



OFFICE POD

The pod can be easily adapted to other needs, such as for **office purposes**.

The Office Pod contains the same hybrid power system: photovoltaic solar panels, inverter, efficient batteries, and an emergency backup generator. It has the same structure, dimensions and method of transport as the Medical Pod. The base model Office Pod has different internal furnishings and does not include a handwashing station with heated water; but it could. All of the Vitay Pods' internal components are customizable.



Patent pending mobile off-grid building **Pods** create fully mobile sustainable and flexible direct outpatient exam rooms or administrative offices. **Vitay Pods** sustainable "off grid" enabled building systems include:

- ⬢ Mechanical medical grade air ventilation exchange with heat recuperation
- ⬢ Electrical power system for equipment and integral LED lighting
- ⬢ Plumbing for a single use recovery bladder system
- ⬢ Full HVAC (heating and air conditioning) for use in any environment
- ⬢ Battery, The base model Medical Cube provides advanced LFP battery storage and performance with a lithium – ion battery wall pack capable of providing 20 hours of straight consumption (or a recovery system)
- ⬢ Photovoltaic Panels provide a seamless energy recovery to the battery system during daylight operations

CONTACT



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