

## Prefabricated Modular Steel Panel Hospital Intensive Care Units (ICU's)

Prefabricated Modular Steel Panel Hospital Intensive Care Units (ICU's) & Modular Isolation Rooms & Negative Pressure Rooms with HEPA Filter & UV Light Options

MANALAPAN, NEW JERSEY, UNITED STATES, March 29, 2020 /EINPresswire.com/ -- Panel Built has introduced Prefabricated Modular Steel Panel Hospital Intensive Care Units (ICU's) and Prefabricated Modular Hospital Isolation Rooms along with Negative Pressure Rooms, to help hospitals due to room shortages caused by the COVID-19 surge. Steel panel rooms have multiple uses and can be customized and adapted for for the individual hospital needs.



Intensive Care Units (ICU's)

Panel Built, modular construction provider for 25 years, now offers a way for medical facilities to create and expand their infectious patient isolation areas with modular Isolation rooms. With the growing Coronavirus pandemic spreading across the United States and internationally, Panel

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We have 330 million persons in the USA. In 12-18 months, 1% of the population (if tested) may be infected with COVID-19. If proper protocol is followed, millions of isolation units may be needed."" *M.R. Secure Sales LLC* 

M.R. Secure Sales LLC Spokeman Built's modular isolation rooms are a convenient solution for hospitals that need to increase their single-occupancy, isolation space as quickly as possible. Using a panelized wall system, the isolation rooms are fully fabricated in Panel Built's modular construction facilities. The components are then delivered and assembled on site. This design allows for prefabricated, quickly assembled isolation rooms that have fully customized layouts and designs.

Panel Built's ICU's and isolation rooms offer options, (where situations warrant), for HVAC systems with fan filter units (FFUs) to keep the room at appropriate temperatures and constantly filter particles with HEPA filtration and UV

light from the environment's air supply with the numerous air exchanges per hour. Patient isolation rooms can be customized with a negative pressure environment for patients who may have an impaired immune system and may be a carrier for other infectious diseases that are airborne spread along with the droplet Coronavirus. Diseases such as TB, Measles, Mumps, Varicella and other respiratory infections fall into the airborne category. When the negative pressure isolation room is needed, the air pressure inside the isolation room is lower than entrance ante room to keep air flowing into the patient isolation room instead of out, keeping any contaminants or particles from escaping the room. All isolation rooms should be used in conjunction with proper staff and equipment sanitizing and hospital contamination control

## procedures.

Panel Built's Steve Grzesik, Sales Manager Welded Steel Division, stated, "While Panel Built is a for-profit company, our first objective is to help our nation and others meet the challenge and help save lives. Our nation's largest hospitals and long term care centers will need all the isolation bed space they can get, and Panel Built is ready to help meet the need."

M.R. Secure Sales LLC spokesman stated the following, " There are 330 million persons in the USA. Predictions are, over the next 12-18 months, approximately 1% of the USA population (if tested) may be infected with the Coronavirus. If proper protocol is to be followed, millions of isolation rooms may be needed in the USA alone. The nations largest hospitals in total, may have fewer than several thousand isolation rooms." Panel Built was founded in 1995 by brothers Pat and Mike Kiernan, and began with the construction of premanufactured buildings. Today, Panel Built offers a complete line of custom modular offices, mezzanines, security booths, pre-assembled exterior buildings, and cleanrooms. Panel Built isolation rooms are designed 100% to customer specification and are delivered with components ready for installation. Panel Built's main mission is, "Solving Our Customers' Space Needs with Excellence and Great Customer Service."



ICU Front View



Isolation Room with Negative Pressure HEPA Filtration & UV Light

Isolation Room Brochure: <u>https://www.panelbuilt.com/wp-content/uploads/Isolation-</u> <u>Rooms.pdf</u>

For more information, visit: <u>https://www.panelbuilt.com/isolation-rooms/</u>

www.panelbuilt.com

The New Generation in Modular Buildings, Enclosures & Mezzanines

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"M.R. Secure Sales LLC represents leaders in Modular Prefabricated Modular Steel Panel Hospital Intensive Care Units (ICU's) Isolation rooms and Negative Pressure Infectious Disease Isolation Rooms,Clean Rooms,Guard/Security/Parking Booths & Bus Shelters, Offsite Sustainable Construction of Steel and Concrete Multi-Story Modular Schools, Dorms, Condos, Town Houses, Senior Housing, Hotels, Retail Stores, Emergency Care Facilities, Equipment/Telecommunication Shelters, Modular Correctional Facilities, Modular Steel Police/Jail and Prison Cells,Modular Offices within in Factories and Warehouses, and Miscellaneous Metals and Custom Steel Railings and Stairs"

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