

# Installation Manuel

## 1-) COLD ROOM

Cold room; excellent heat insulation, easy and fast installation, hygienic structure and fast and reliable cooling at a reasonable price, cold or frozen housing  
It is used for all products required.



### The Cold Room Installation Site Selection:

Process steps	Suggestions
Select the appropriate mounting location for the cold room.	<ol style="list-style-type: none"><li>1- Check the smoothness of the floor before commencing cold room installation.</li><li>2 -If insulation is to be done at a cold place, the cold storage area should be designed as a low floor so that the cold storage floor can stay on the same level with other floors.</li><li>3- The installation of the cold room should be decided in terms of accessibility.</li><li>4- Service clearances should be left to facilitate maintenance operations around the unit.</li><li>5- The unit should be placed in a well ventilated location.</li><li>6- The condenser should be installed so as to be protected from pollutants such as dust, leaves, etc. which may cause the air intake and exhaust to be blocked.</li></ol>
Detects environmental heat loads	Identify the objects that create a thermal load in the

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	environment.
Ensure that the work areas required for installation are left	- Calculate the required working area during installation - Make sure to leave as much space as required
Determine the energy supply point	- Determine where to take the energy. - Make the necessary fuse and the fuse box selection - When wiring for the power supply, make sure that the phase and ground connection is correct
To make drainage channel connection	After you connect the drain line, make the channel connection and check.

## INSTALLATION OF COLD ROOM PANELS

### Process steps

1-U Channels

2- Floor Panel ( Optional ) ( If you don't have floor panel pass 3. Step )

3- Wall Panel

4- Ceiling Panel

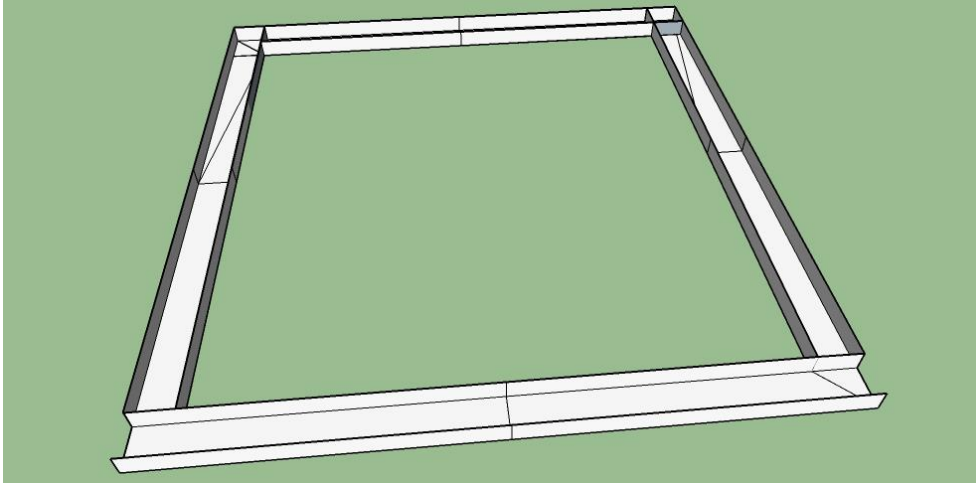
5-Door assembly

6- Accessories

### 1-) U channels assembly

U channels to the floor according to the projected cold room size.

U channels reach you according to panel thickness.



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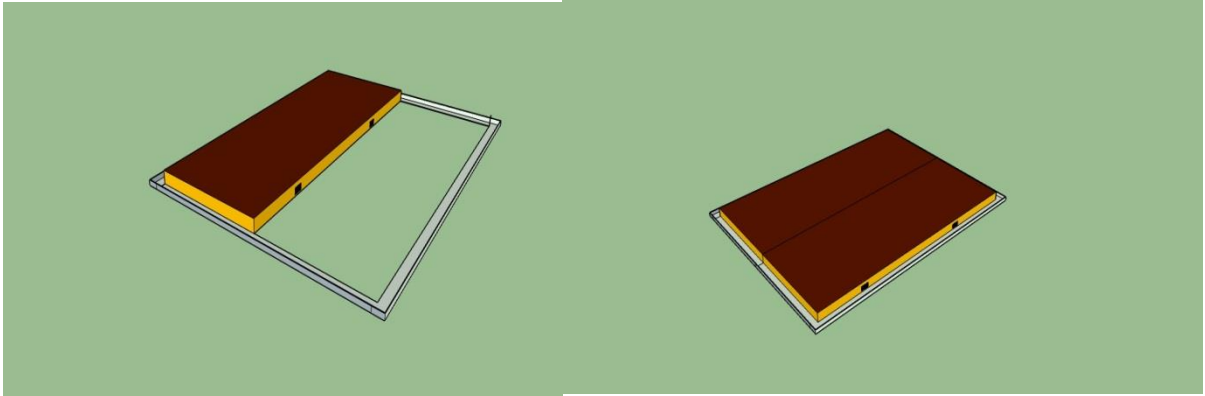
## 2-) Floor panel assembly ( *OPTIONAL* )

If there is a floor panel in the cold room, place the floor panel between the U channels according to the project.

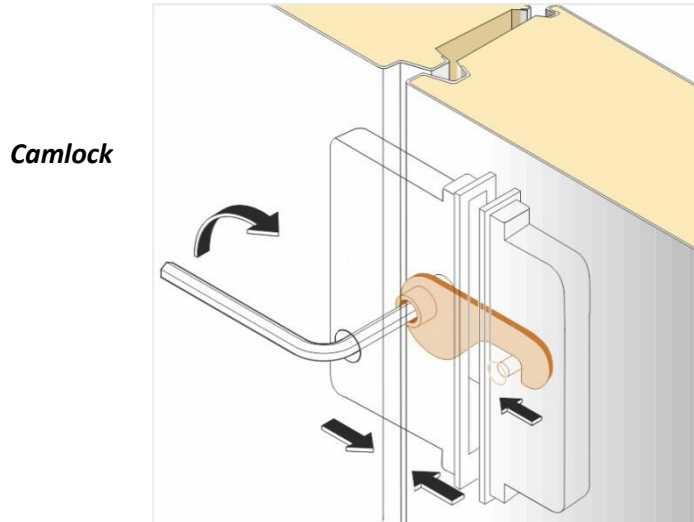
The surface of the floor panels is PLYWOOD or Stainless steel.

If there is a floor panel that you need to cut according to the project, cut it out before doing the installation.

Finish the installation by locking the floor panels together.



Floor Panels



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## **3-)Wall panel assembly**

The installation of the side walls must first be started with the vertical corner piece that will carry the panels. Then the installation of the side wall panels begins.

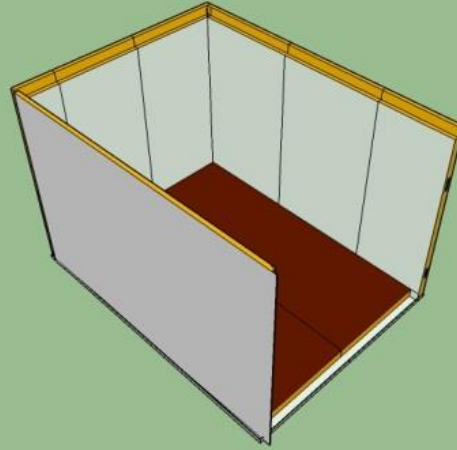
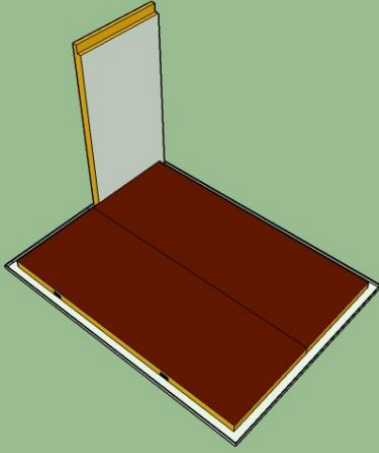
If there is no corner panel in the project, start assembly by positioning the wall panel in the corner of the room.

Corner panels can be produced up to 3 meters in one piece.

Continue assembly by locking the panels together.

Cut the panels that need to be cut according to the project without damaging the panels.

The panels are standard width of 111 cm.



## **4-) Ceiling panel assembly**

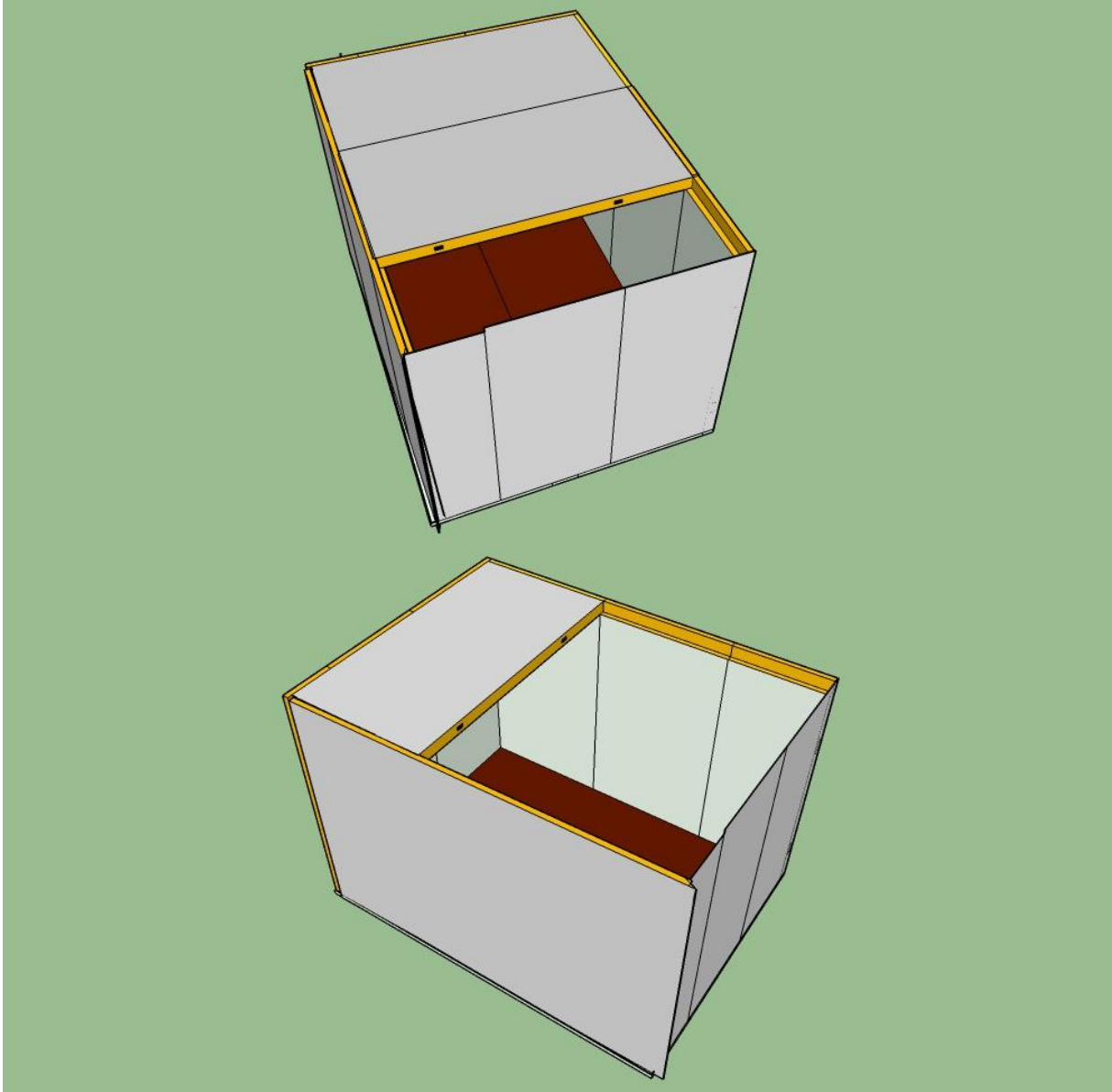
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Position the ceiling panels so that they support the wall panels.

Continue installation by locking the ceiling panels together.

If there is a ceiling panel that needs to be cut according to the project, cut it out with appropriate equipment without damaging the panes according to their size.

Complete ceiling panel installation



### **5-) Door assembly**

Place the door frame in the space left for the door.

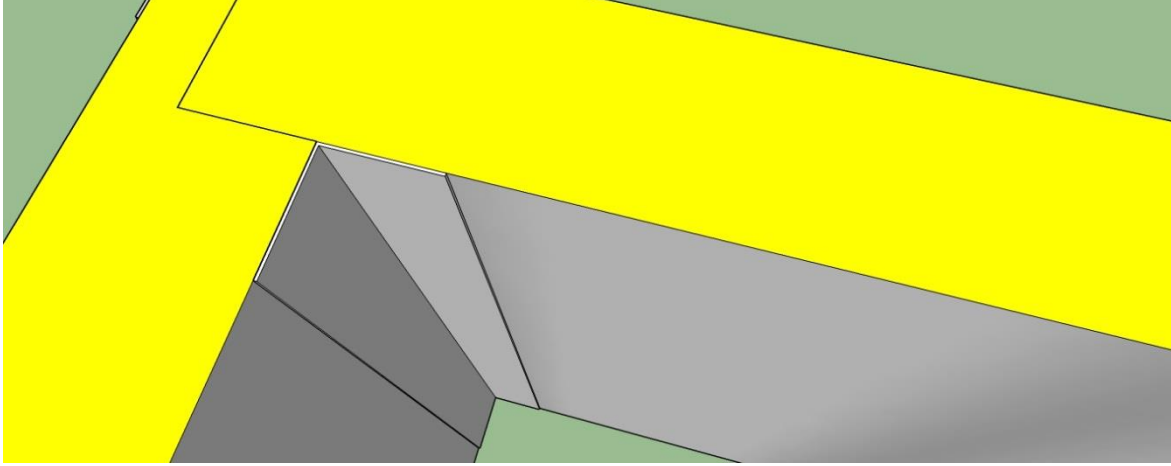
If the width of the door cask is more than a panel , cut the panel according to the size of the cove, and settling the door.

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## 6-) Accessory assembly

### Interior

Place the painted part of the sheet made of PPGI sheet so that it remains in the room.



### Exterior

Place the outer accessory as shown in the figure where the ceiling panel is located on the wall panel

