INSTRUCTIONS MANUAL
MODULAR COLD ROOMS

CONTENTS

1. RECEPTION

1.1. Important Note

- Before unpacking, visually check all packaging for any knocks or crushing during transport that may have damaged the contents.
- Never drag panels off the stack.

1.2. Checks

- The accessories box where you found this manual should contain the following materials.

Name: Assembly tool.
Purpose: To tighten the eccentric latch fixings between panels.
Item Supplied: 1 per room.

Name: White caps for wall and ceiling panels.
Purpose: To cover assembly tool access holes.
Item Supplied: 1 for each hole.

Name: Grey/brown caps for floor panels.
Purpose: To cover assembly tool access holes.
Item Supplied: 1 for each hole.

Name: Hygienic cover.
Purpose: To finish the three-way corner joints between hygienic profiles.
Item Supplied: 1 for each floor and ceiling corner of the room.

Name: Junction box.
Purpose: For electrical connections.
Item Supplied: 1 per room.

Name: Pressure compensation valve.
Purpose: To compensate the pressure difference between inside and outside.
Item Supplied: 1 per freezing chamber or on request.

Name: Instruction manual and documentation.
Purpose: Shows the correct assembly procedure.
Item Supplied: 1 Instruction manual and documentation.

Name: Lamp.
Purpose: To illuminate the inside of the room.
Item Supplied: 1 per room with no cooling unit.

2. ASSEMBLY INSTRUCTIONS FOR ROOM WITH PANEL FLOOR

2.1. Before Starting

2.1.1. Location of the Room

- Check that the floor where you are going to place the room is perfectly flat and level.
- The floor should be free of dirt and any objects that might unintentionally get left underneath the panels.
- Examine the location in the building where the room will be installed, paying special attention to the position of the cold room door, ensuring that it will be able to open unobstructed.
- Finally, check that there is enough space for the cooling unit.

The door can be placed on any side of the room as long as the wall has a panel the same width as the door panel.

2.1.2. Using the Eccentric Latch Fixings

Before beginning the assembly of the room, it is important to understand how to correctly use the assembly tool, and how the eccentric latch fixings work with the joint hooks.

- Using the assembly tool:

  Always place the assembly tool in the holes perpendicular to the panel.
  Always turn the assembly tool clockwise.
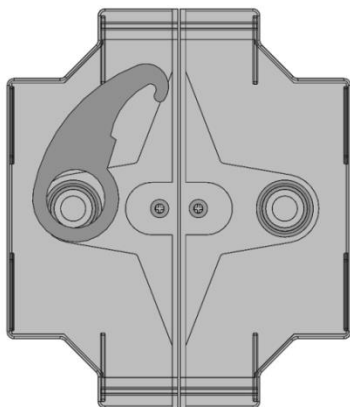 When removing the assembly tool, always hold it perpendicular to the panel.

- How the eccentric latch fixings work with the joint hooks:

  ADVICE: Sometimes, it may be difficult for the hooks to latch onto the eccentric mechanism. This is normal and is due to the way the eccentric mechanisms are mounted inside the ABS housing. If this happens, ensure that the panels are separated, then turn the eccentric mechanism and latch the hook, then turn it back again to its starting position. This will then make the mechanism easier to turn.

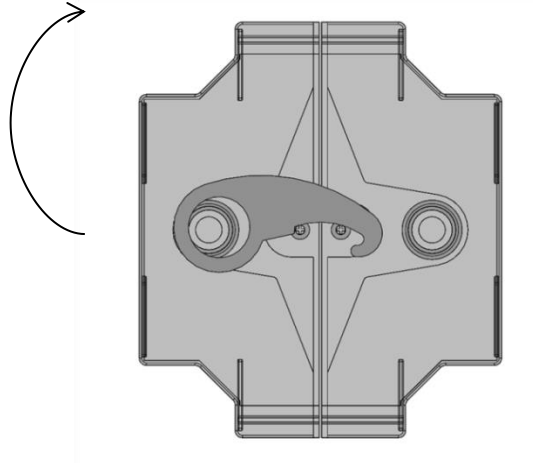## 1. STARTING POSITION OF THE HOOK IN THE PANEL

HOOK OPEN

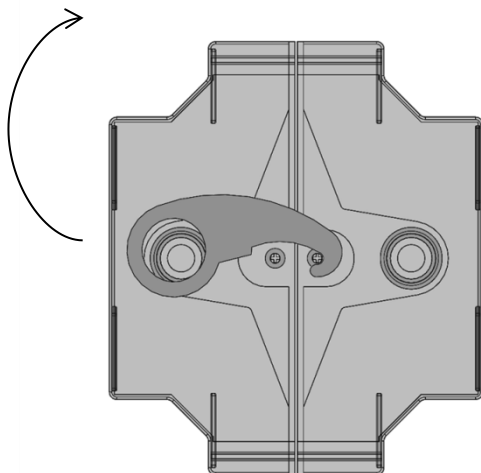## 2. HOOK POSITION WHEN TOUCHING THE CONTIGUOUS PANEL HEAD
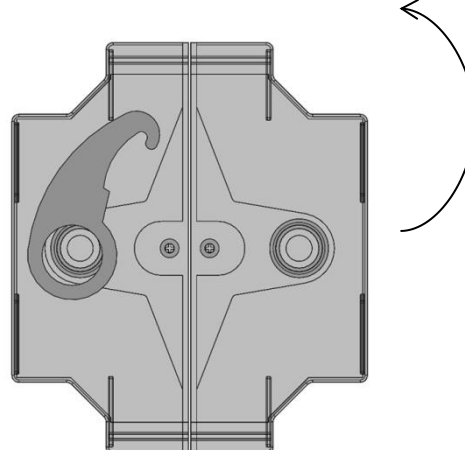
HOOK OPEN

TURN CLOCKWISE

3. FINAL POSITION OF HOOK (PANELS TOGETHER)

HOOK CLOSED

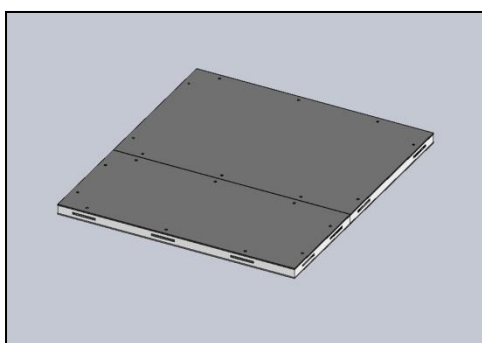## 4. FINAL POSITION OF HOOK WHEN SEPARATING PANELS

HOOK OPEN

2.1.3. Panel Labelling

For easier assembly the panels are clearly marked with coloured labels.
Each colour identifies a type of panel:

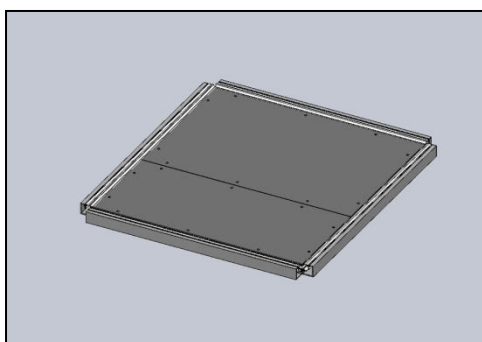| VERTICAL PANEL	HORIZONTAL PANEL	VERTICAL COLUMN	HORIZONTAL COLUMN
VERTICAL PANEL	HORIZONTAL PANEL	VERTICAL COLUMN	HORIZONTAL COLUMN

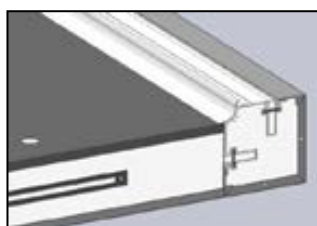## 2.2. Starting Assembly

Step 1.

Place the floor panels as shown on the attached diagram and join them using the latches.
Some floor panels are right or left-handed, so take care to correctly align the latches' hooks with their housings.
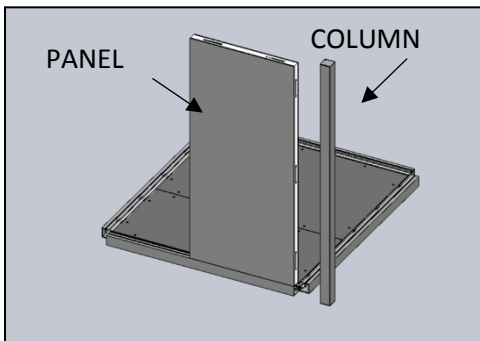
Step 2.

Assemble the four horizontal columns around the edge of the set of floor panels. Check that the flexible gasket touches the top edge of the floor panel and is not caught in it. Also, be sure to correctly align the columns with the ends of each panel.

From this step on take extra care with the assembly. To avoid snagging the flexible gasket be careful not to step on it or rest the panels on it.
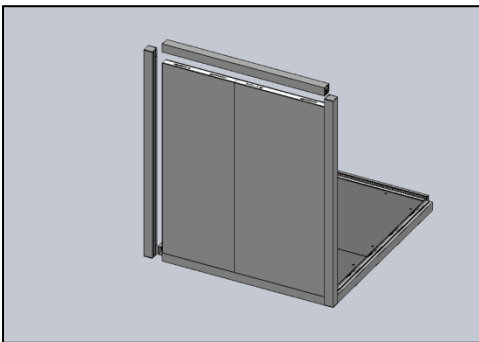
Step 3.

Think carefully about which vertical panel to install first. This will depend on the layout of the room in which you are going to install it. We recommend that you assemble the side with the door last.

With the column already attached to the floor panel, position the first vertical panel. Do not tighten the eccentric latches until you have perfectly aligned the panel with the floor column. Then attach the vertical column to the vertical panel you have just positioned.

Always turn the eccentric mechanism's latch hook clockwise.

Step 4.
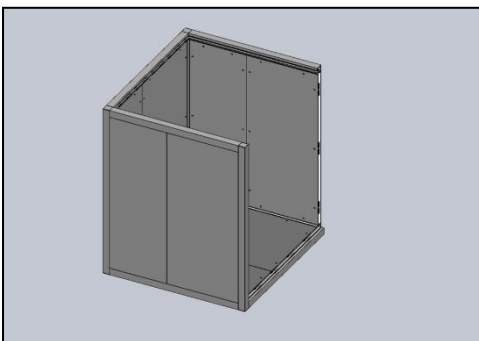

Next, position all the other panels on this side.
Continue fixing the horizontal column across the tops of these panels, and finally the vertical column at the other end.
Remember: The columns have a flexible gasket that gives the camera its excellent finish.
Always remember to be careful not to step on this gasket during assembly.

Also check that the gasket is correctly fitted all along the panel edge, and that it has not become inadvertently snagged in the joint.
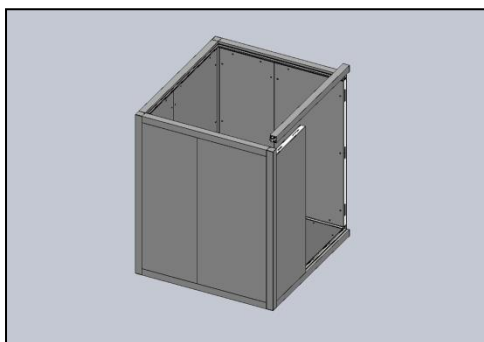
Step 5.

Following the same sequence as for the first side wall, assemble the other two, leaving the side with the door until last.

Remember the sequence in the previous step:
1. Side panels
2. Horizontal column across the tops of the side panels
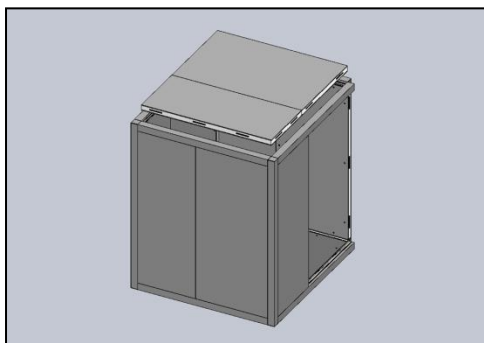*3. Vertical column at the other end of the side.*

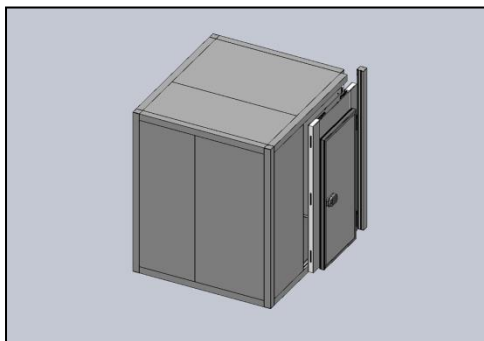*Always turn the eccentric mechanism's latch hook clockwise.*

Step 6.

Next, position a wall panel to allow you to place the horizontal column on the side panel.

If necessary, position as many wall panels as needed to support the roof column.

Step 7.

Mount the roof panels, resting them on the flexible gasket of each horizontal column.
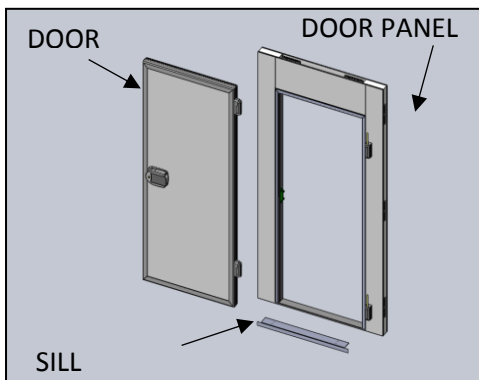
Step 8.

Before mounting the last wall panel, position the vertical column. This will help you to avoiding snagging the flexible gasket.

Remember: Do not fix the hooks for the last vertical column until the two wall panels that are joined to it are in position. This will allow you to ensure that it is positioned correctly.

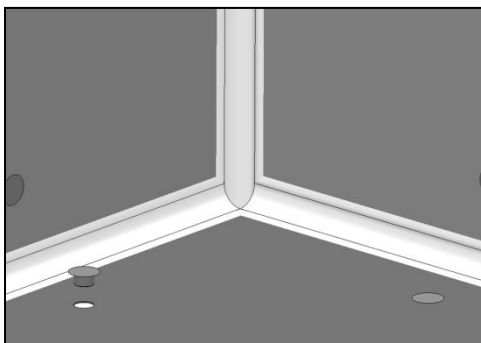*Whenever possible, mount the door panel last.* **(STEP 9)**

Step 9.

Lift the door off before installing the door panel. The door panel is mounted in the same way as the other wall panels. Once the door panel is mounted, fix the sill to the bottom of the door panel.

Put the door back onto its hinges and check that it closes correctly. Check that the gasket strip correctly seals the door frame, and that no outside light can be seen from inside the room.
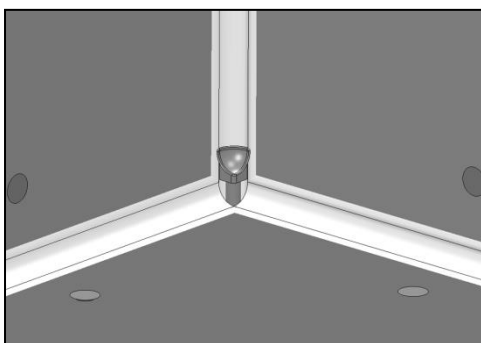
If any light gets though, move the hinges' slot holes to correctly fit the door to the frame.

Step 10.

Fix the white caps onto the inside vertical panels and roof panels. Fix the brown or grey caps onto the floor panels.

Step 11.

Fix the hygienic cover onto each corner of the room, to give a better finish inside.

Remove the protective film from the sheets of all the panels, both inside and outside.

CORECO, S.A.
Ctra. Córdoba-Málaga Km. 80,800
14900 Lucena (Córdoba) - Spain
Telephone: +34 957 50 22 75 (5 lines)
Fax: +34 957 51 42 98