



kide

HIGH COOLING PERFORMANCE

COLD
ROOMS

Cold Rooms



Cold under control

KIDE it is a business Group manufacturer of cold-rooms, insulation panels, insulated doors, refrigeration units and drying units, offering integral solutions to its clients and developing valuable relations with the agents it works with.

It is aimed at different sectors where activity mostly deals with installers and distributors, and it seeks to stand out in terms of its quality and service, with a value proposal that sets it apart, being a group of reference in a national sphere while having international projection.

It is a Group of companies based on cooperative principles, integrated into the MONDRAGON Group, and whose final objective is to grow in a sustainable manner, creating wealth and well-being as well as support in cultural development within its surroundings.

Index

Introduction. 06

Universal cold room. 08

Modular cold room. 12

Industrial cold panel. 15

kide



Highest cold performance

ZERO LEAK

Kide guarantees total coldroom Insulation due to High Density PU (injected Polyurethane), which results in an optimum thermal insulation coefficient and perfect panel fitting.

SUPERCOP

SUPERCOP system works with a higher evaporation capacity, due to the large battery surface of the evaporator. Refrigeration units save up to 20 % of energy and the automatic defrosting by hot gas also means lower consumption.



MAXIMUM DOOR TIGHTNESS

Smart and innovative design for insulated doors. Always offering the maximum guarantee for water tightness and isolation.



Panel joint system with 200kg traction strength for totally tight fastening contributing to greater energy savings.

Kide cold rooms and panels

keys for constant evolution in kide

- / Highest Quality
- / Continuous Service Improvement
- / Innovation And Latest Technology
- / Respect For The Environment

Trusted for many years
by our customers



More than cold rooms, we offer integral service

There are many cold room manufacturers in the market, but not all offer such comprehensive and efficient service as Kide. Apart from designing and manufacturing a wide range of products, we are specialists in developing integral solutions.



Doors



Refrigeration equipment



Kideblock: Wall unit



Kidesplit, split unit



Wall industrial unit

Shelving



Made from anodized aluminium and polyethylene.
Available in many sizes.
Wheels are optional.

Kide universal cold room

KIDE'S UNIVERSAL MODULAR COLDROOM represents a new generation in modular coldrooms thanks to its many advantages.

- / Fully interchangeable panels
- / Much simpler assembly
- / Easy to extend in any direction
- / More practical to store and transport



Express service obsessed with speed

Speed at KIDE is an ongoing commitment, speed of cold room assembly and, it goes without saying, speed of delivery. Our Express Service guarantees your UNIVERSAL MODULAR COLD ROOM will be manufactured in just 48 hours*. But that's not all, as we can also provide the corresponding refrigeration equipment in the same timeframe.

* Leaves factory on the second working day after date of order.





Even quicker and easier to assemble

Cold room assembly has been made simpler by unifying panel design, making them interchangeable. Any panel can be used for a wall or the ceiling, as they all incorporate an exclusive system whereby they can be assembled in any position.

Assembly is fast thanks to a simple hexagonal key supplied with the cold room. A great feature that translates into important time and cost savings.

It's never been easier to expand a cold room

With the UNIVERSAL MODULAR COLD ROOM it's really easy to expand the size of a pre-installed cold room in both directions.

The UNIVERSAL series is versatility at its very best. A minimum amount of panel references provides for a maximum number of modular cold rooms.



More compact, even when stored

Another advantage of the UNIVERSAL MODULAR COLD ROOM is that because panel form has been unified it can be packaged more compactly, making it easier to transport and manipulate.

And because the number of references has been reduced you can optimize the stock available at your warehouse, resulting in important space savings.

Cold Rooms

Technical specifications

The UNIVERSAL MODULAR COLD ROOM is comprised of prefabricated sandwich type high density injected polyurethane foam modular panels, with a range of thicknesses adaptable to different insulation requirements.

/ MÓDULO

400 mm.

/ THICKNESS

60, 80, 100 mm.

/ LENGTH

Maximum length is 3,200 mm

/ JOINT SYSTEM

Off-centre hook with hexagonal key.

/ FINISH

Galvanized steel sheet, white lacquer, with removable protection film. Slightly ribbed.

White colour. Food safe quality.

Lacquer: polyester paint, 25 micron. Including primer

According to standard EN 10169.

AVAILABLE TO ORDER: Flat form. Other finishes.

/ INSULATION

Rigid polyurethane foam with no CFC or HCFC.

Density: 40 kg/m³ (+3-0kg/m³)

U-Value:

PANEL 60 = 0.38W/m² °C

PANEL 80 = 0.28W/m² °C

PANEL 100 = 0.23W/m² °C

/ FLOORS

Pedestrian floor- S8

Exclusively for pedestrian use. Interior 1mm thick nonslip plastic laminated sheeting.

Reinforced floor- M9

Reinforced floor ideal for pedestrian and manual trolley use. Interior finish reinforced with non-slip birch plywood and phenolic resin.

Reinforced superimposed floor

Non-slip 2/4 aluminium steel.

Non-slip 3/5 galvanized steel.

/ REFRIGERATOR DOOR

Hinged door 0.8m x 1.9m, coupled to a vertical panel.

/ INCLUDED ACCESSORIES ARE

Vertical interior, ceiling and floor SANITARY TRIM on all models.

BALANCE VALVE in freezer (100mm panel cold rooms).

"U" FLOOR PIECE in FLOORLESS cold rooms.





/ ASSEMBLY INSTRUCTIONS

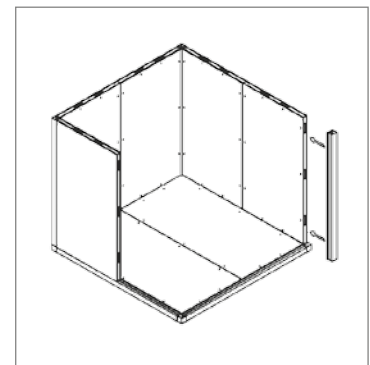
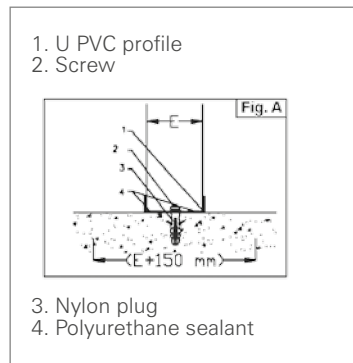
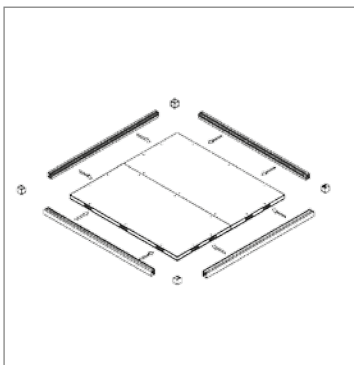
1ST STAGE

Assembly the floor panels then, fix the corners and adjust the covers. The floor should be completely flat.

If the cold room has no floor, the ground of the cold room perimeter shall be completely levelled width (E+150 mm). Fig A.

2ND STAGE

Fit the corners to the vertical panel and follow assembly the vertical panel.



3RD STAGE

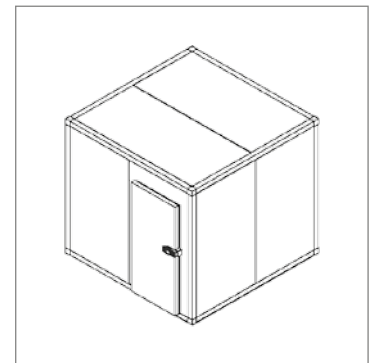
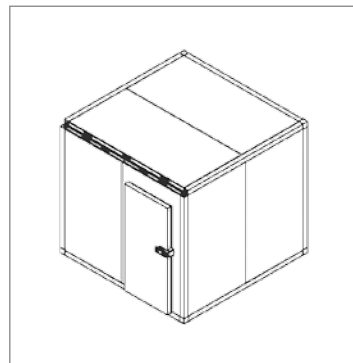
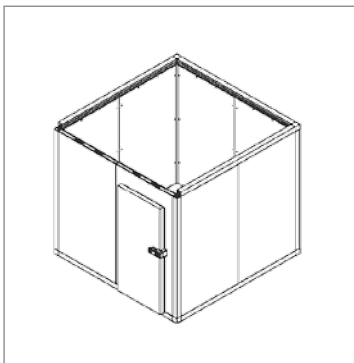
Finish the assembly of the vertical panels, put the upper corners.

4RD STAGE

Assembly the ceiling panels.

5RD STAGE

Place the last corner and adjust the covers.



Kide modular cold room

In the KIDE MODULAR COLD ROOM the union goes in the vertical sense, enabling the assembly of the vertical panels before assembling the ceiling. Therefore, less people are needed for assembly. Moreover, with this system it is possible to dismantle any part of the ceiling without unfastening the vertical panels.



By its quick and secure system of joining

The fastening system which KIDE has developed, besides being quick and simple, guarantees perfect adjustment between vertical panels, as well as between vertical and ceiling panels. Due to that, the insulation which the cold room offers is complete, complying with its function with the best results. The KIDE joint system is as simple to loosen as to adjust, which facilitates dismantling the panel quickly in case of need.



How is it possible to save up to 20% of the time in the assembly of the panel?

WITH THE NEW CEILING-WALL SUPPORT

KIDE has developed an exclusive system for joining vertical panels with ceiling panels. This system results in important advantages:

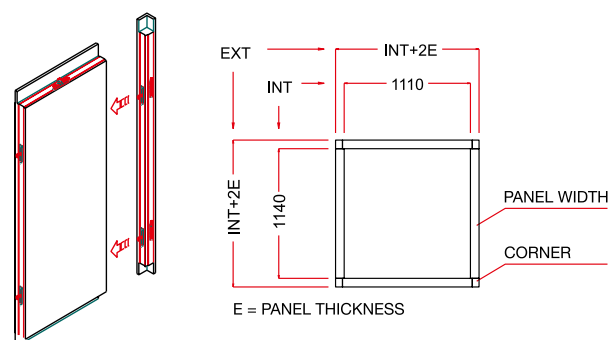
- 1. Ease of assembly and dismantling:** The union system with the joints between the panels goes in vertical sense, allowing the ceiling to be assembled after assembling the vertical panels and to be dismantled without unfastening the joints.
- 2. A perfect aesthetic sense thanks to the invisible joints:** The vertical panel goes from the floor up to the ceiling in one piece. Its union with the ceiling panel is made through a single joint which, thanks to our exclusive joint system becomes invisible, giving perfect aesthetics.
- 3. Great ceiling stability:** The horizontal panel is supported 55 mm on the vertical panel, giving total stability to the ceiling.
- 4. Total Insulation:** All joints, instead of being plane, are in male-female format, which guarantees a perfect adjustment between the panels, obtaining a complete insulation.



BY JOINING THE VERTICAL PANELS

Another advantage in the assembly of the KIDE MODULAR COLD ROOM is the incorporation of vertical corner pieces. Thanks to these panels, situated in each corner of the cold room, all vertical panels have the same design, resulting in a more simple and flexible assembly system.

Besides, the positioning of the door is more flexible than in the cold rooms with different types of panels, allowing to place it wherever you want. Unlike other companies, the KIDE corner pieces are made of the same material as the panels, with the same joint system, making assembly equally easy. Due to that, the exterior part of the cold room remains totally homogeneous.



Design at the service of the installer

The KIDE MODULAR COLD ROOM, not only facilitates the assembly and dismantling of the cold room and guarantees total insulation, but it also gives an aesthetic sense by hiding the joints.



Technical specifications

The KIDE modular cold room, is made up of prefabricated modular SANDWICH panels of polyurethane.

They have the **CE** marking according to the European standard EN 14509.

1ST COMPANY OF THE
SECTOR IN SPAIN WITH



MARK FOR MODULAR
COLD ROOMS

/ INSULATION

Rigid polyurethane foam, neither CFC nor HCFC
Density 40 Kg/m³ (tolerance +3 -0 Kg/m³)
Average COEFFICIENT OF THERMAL
TRANSMISSION "U"

Panel thickness in mm.	60	75	100	120	150
U(W/m ² °C)	0,38	0,31	0,23	0,13	0,12

/ REACTION TO FIRE

- Panel Cs3dO (according to EN 13501-1)
- Temperature Range: between - 40°C and +75°C according to thickness.

/ COATING

STANDARD:

Slightly ribbed sheet steel, galvanized and pre-lacquered with polyester (25μ) with a peelable protective film.

White colour. Food safe quality.

THROUGH ORDER:

Stainless Steel sheet.

Plastified steel sheet with food safe PVC of 120μ.

/ TYPE OF JOINT

Joint in male-female format made of polyurethane with inserted boxes. The assembly of the panels is carried out through an eccentric hook (stainless steel AISI 430), which is turned by a square key and hooks onto a metallic axle. The above-mentioned hooks guarantee a perfect joint and insulation, with a tensile strength of more than 200 Kg.

/ VERTICAL PANELS

MODULE: 190 mm.

THICKNESS: 60, 75, 100, 120, 150 mm.

WIDTH: 380, 570, 950 and 1.140 mm.

The maximum length is 4.000 mm.

The maximum inner height of COLD ROOM is 3.700 mm.

/ FLOORS

Pedestrian floor- S8

Exclusively for pedestrian use. Interior 1mm thick nonslip plastic laminated sheeting.

Reinforced floor- M9

Reinforced floor ideal for pedestrian and manual trolley use. Interior finish reinforced with non-slip birch plywood and phenolic resin.

Reinforced superimposed floor

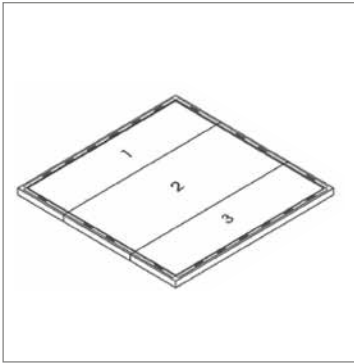
Non-slip 2/4 aluminium steel.

Non-slip 3/5 galvanized steel.



/ ASSEMBLY INSTRUCTIONS

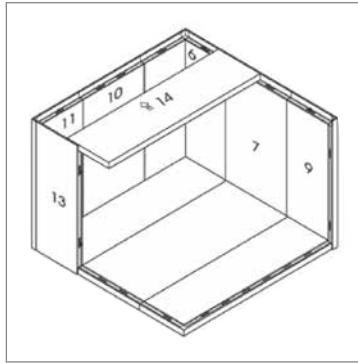
1ST STAGE



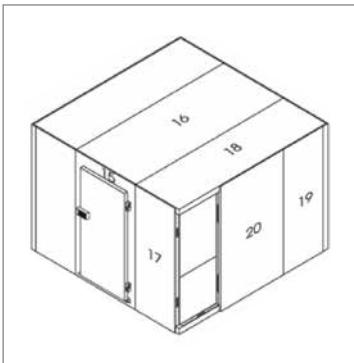
2ND STAGE



3RD STAGE



4RD STAGE



/ WHEN PLACING AN ORDER IT IS VERY IMPORTANT TO REMEMBER THE NEW MODULE SYSTEM OF THE COLD ROOMS

Due to the design of the MODULAR COLD ROOMS, with vertical corner pieces, we have changed the modulation system, going from 300 mm to 190 mm. This new modulation has unified the design of the panels, facilitating the assembly and allowing us to pack and delivery the panels in horizontal plane. In the same way, with this new modulation system, we have increased the number of standardised dimensions of the cold rooms.

