



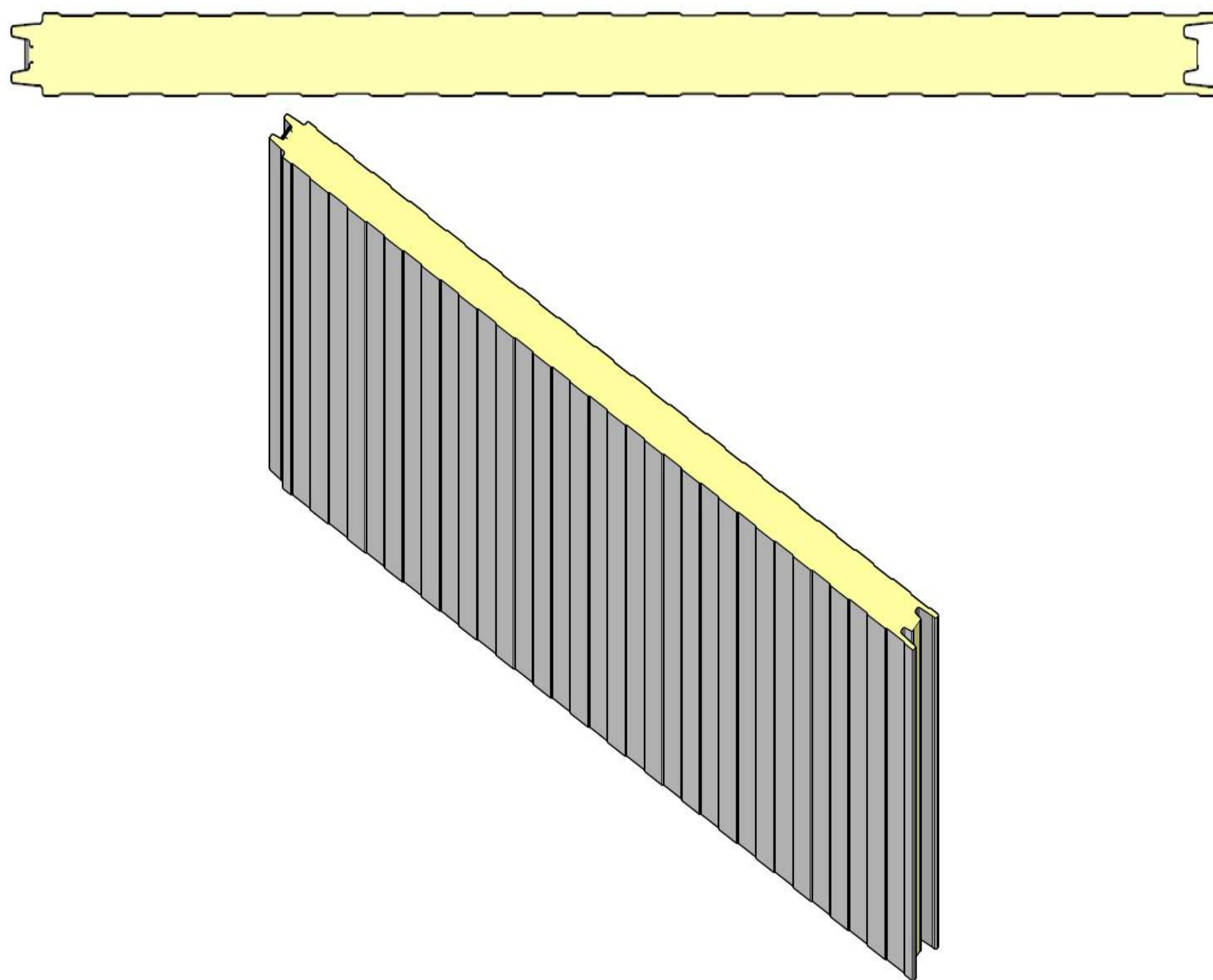
**SANDWICH
PANEL
REFRIGERATOR**

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- New tongue and groove joint
 - Thermal insulator
 - High energy efficiency

Sandwich Panel Refrigerator

The self-supporting refrigeration panels are made of two sheets of pre-lacquered galvanized steel in thicknesses of $\pm 0.5\text{mm}$ (option in 0.4m), with core formed with polyurethane foam (PIR-E B-s2-d0) or polyisocyanurate (PIR, B -s1-d0) injected in high density.

The panel walls are slightly ribbed or smooth and the edges are flat. The double fit of the tongue and groove refrigeration panel gives the joint great resistance and tightness. The new joint stands out for its simplicity and reliability, which guarantees perfect uniformity along the entire fitting surface. The maximum length can be up to 15.100mm with a useful width of $1,100\text{mm}$



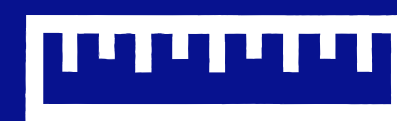
Descripción

Refrigeration panels can be used for vertical enclosures and ceilings, as they have been designed to provide a complete solution to the needs of the refrigeration industry and guarantee the following requirements:

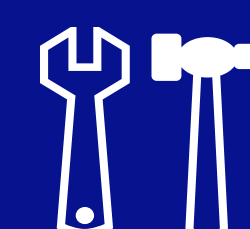
- High degree of thermal insulation. **GREATER ENERGY SAVINGS.**
- Mechanical resistance and dimensional stability.
- Aesthetic appearance, simplicity, lightness and speed of assembly. **MORE ECONOMIC LABOR.**



GREATER ENERGY SAVINGS



VARIOUS THICKNESSES AVAILABLE


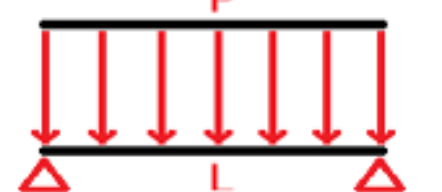




Easy assembly and maintenance

DIPPANEL Sandwich Panels stand out for:

- Quality of finishes
- Easy assembly and installation
- Adaptability to customer needs

Technical characteristics

SANDWICH PANEL REFRIGERATOR			PERMISSIBLE LIGHT L (m)					PERMISSIBLE LIGHT L (m)				
												
THICKNESS (mm)	WEIGHT (kg / 0,4+0,4 (mm))	THERMAL TRANSMITTANCE U (W/m2k)	OVERLOAD P (daN / m2)					OVERLOAD P (daN / m2)				
			60	80	100	120	150	60	80	100	120	150
60	9,28	0,42	3,49	3,19	2,97	2,73	2,46	3,07	2,81	2,62	2,47	2,29
80	10,16	0,31	4,19	3,79	3,43	3,15	2,84	3,69	3,38	3,15	2,97	2,74
100	11,04	0,25	4,80	4,23	3,83	3,52	3,18	4,26	3,90	3,63	3,39	3,06
120	11,92	0,21	5,24	4,63	4,19	3,85	3,48	4,81	4,37	4,04	3,71	3,34
150	13,25	0,17	5,83	5,15	4,67	4,30	3,89	5,49	4,97	4,50	4,14	3,73
180	14,57	0,14	6,35	5,62	5,10	4,70	4,25	6,12	5,41	4,90	4,52	4,08
200	15,45	0,12	6,66	5,91	5,36	4,95	4,48	6,42	5,69	5,16	4,75	4,29

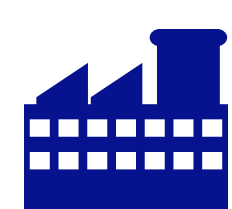
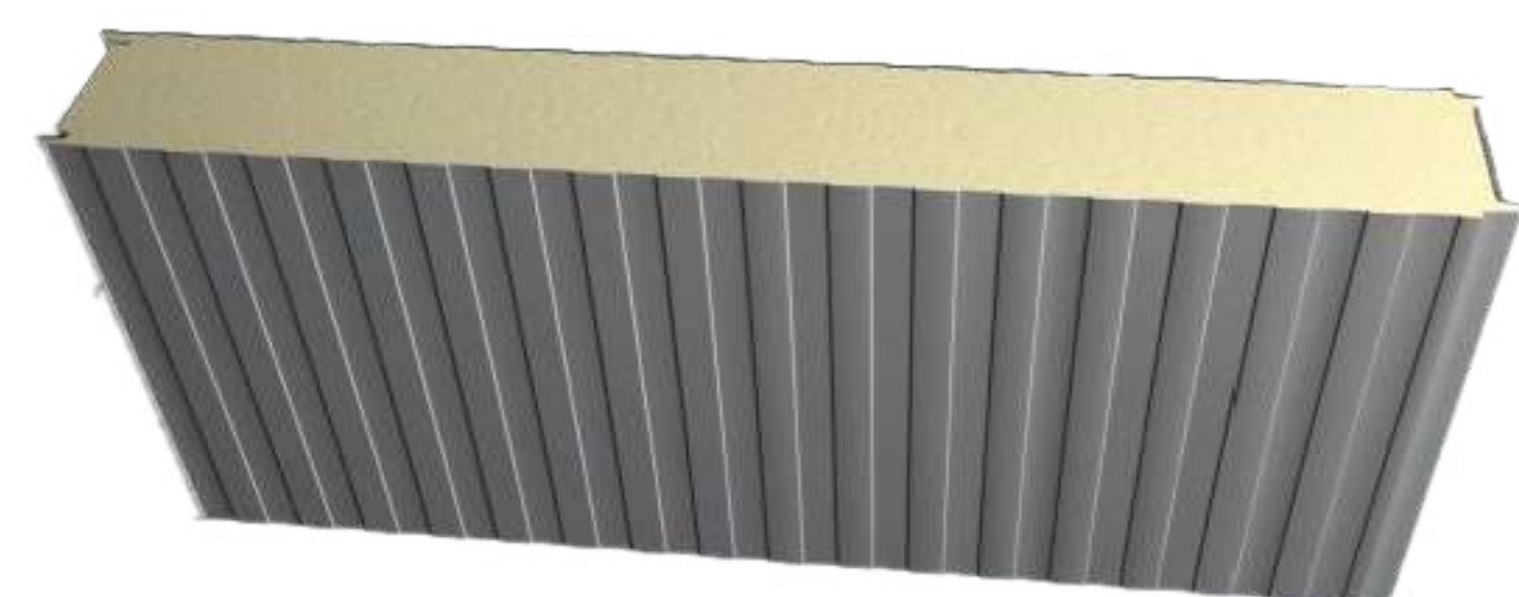
SANDWICH PANEL REFRIGERATOR			PERMISSIBLE LIGHT L (m)					PERMISSIBLE LIGHT L (m)				
												
THICKNESS (mm)	WEIGHT (kg / 0,5+0,5 (mm))	THERMAL TRANSMITTANCE U (W/m2k)	OVERLOAD P (daN / m2)					OVERLOAD P (daN / m2)				
			60	80	100	120	150	60	80	100	120	150
60	11,21	0,42	4,34	3,97	3,70	3,49	3,25	3,52	3,23	3,01	2,84	2,64
80	12,09	0,31	5,21	4,77	4,45	4,19	3,89	4,23	3,88	3,62	3,42	3,18
100	12,98	0,25	5,99	5,50	5,12	4,83	4,48	4,87	4,47	4,18	3,94	3,66
120	13,86	0,24	6,72	6,16	5,75	5,42	5,03	5,47	5,02	4,69	4,42	4,11
150	18,18	0,17	7,72	7,09	6,61	6,23	5,78	6,29	5,78	5,40	5,09	4,73
180	16,50	0,14	8,64	7,94	7,40	6,98	6,47	7,05	6,48	6,05	5,71	5,31
200	17,38	0,12	9,22	8,47	7,90	7,45	6,91	7,52	6,92	6,46	6,10	5,67



BETTER INSULATION



SEALER JOINT



GREATER RESISTANCE



B-s1-d0 (PIR)

B-s2_d0 (PIR-E)



FASTER ASSEMBLY





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