

► DESCRIPTION

Cooling and freezing chambers, as well as climatic ones are built-up constructions, consisting of low temperature cooling system, sandwich-panels and shaped elements, which keep predetermined temperature in enclosed volume. Cooling chambers can have temporary or fix structure.



Sandwich-panels have three layer structure with thickness from 40 to 200 mm, consisting of two metal layers (or other sheet material) and a hard polyurethane core between them.



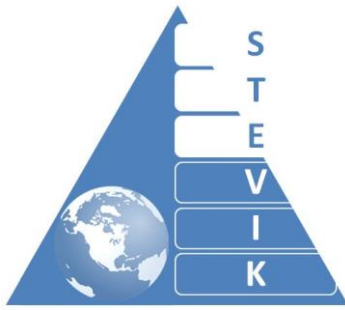
Sandwich-panels connection type mortise and tenon provides maximum thermal isolation. The panels can be supplied with cam locks along the full length for tighter panel connection. One or both panel sides can be profiled. For panel manufacturing cold-rolled zinc plated steel with thickness from 0,45 to 0,7 millimeters is used. Thermal conductivity coefficient for polyurethane sandwich-panels is 022 W/m² K.

Doors of cooling chambers consist of door panel, made as a sandwich-panel and overlaid metal profile frame with thickness 2 mm. The doors are delivered with a wall with a doorway cut and the following types exist:

- SSD single-swing;
- SSHD single-swing half-surface;
- SD sliding;
- TSD two-leaf swing door

► TECHNICAL DATA

Split-system air condition unit:	Polair or analog
Type:	Low temperature
Standard temperature conditions:	-15...-20°C (By agreement till -100°C)
Voltage:	220 V (380 V)
Energy input:	from 1.0 kW.
Refrigerating capacity:	depends on sizes, temperature, usage conditions



TECHNICAL DATA SHEET

SK1FRID

Fridge / Cooling units

- Cooling chamber size: defined by customer
- Cooling speed and temperature conditions are set individually.
- Cooling system can be manufactured as temporary structure.
- Inside lightning installation is possible.
- Heat insulating wall panels with polyurethane filler «Dow Chemical Company» which thermal conductivity is: 0,022 W/m² K.
- Thickness of heat insulating panels from 40 to 200 mm.

► NOTE

Please contact us for more detailed information as well as for system development according to your technical specification.

Standard warranty period: 12 months.