

MODULAR ROOM WITH MONOBLOCK

Modular cold storage rooms are prefabricated rooms with a compact structure that allow food, chemical, and medical products to be stored for long periods without deterioration and extend the shelf life of products. They have the feature of easy assembly and disassembly in parts that can be assembled together.

ABOUT MONOBLOCK MODULAR ROOM

Modular cold storage rooms are prefabricated rooms with a compact structure that enable the long-term storage of food, chemical and medical products without spoiling and extend the shelf life of products. They are systems that can be disassembled and moved to another location when necessary and can be expanded according to needs. The modular room consists of lockable, specially designed corner, narrow and full panels with interlocking details that can be disassembled and assembled as desired without any cutting process. Your room is produced and packaged in the dimensions and specifications you specify. The installation begins with the floor panels. The floor, wall, and ceiling are fastened together by screwing them in at designated mounting points without the need for any accessories, using hygienic plastic filled with polyurethane. The application plastic that will connect the ceiling is also placed from the top. The created ceiling detail has a load-carrying capacity of 250 kg/m².

The hygiene closure accessory, which is an additional part of the application plastic on the floor and ceiling, is completed with a small pressure thanks to the nails. Thus, complete sealing is ensured, and visual integrity is also completed. Our devices are produced as ceiling and wall types and are sent with all assembly equipment. The location where the cooling unit will be placed is prepared on the panel according to the device type selected and sent.

COLD ROOM

MODEL	ROOM DIMENSIONS	ROOM VOLUME M ³	PANEL THICKNESS	DOOR FEATURE
KMP01	157X157X235	4,36	8 CM	80X190 RESISTANT
KMP02	187X187X235	6,41	8 CM	80X190 RESISTANT
KMP03	187X207X235	7,16	8 CM	80X190 RESISTANT
KMP04	207X207X235	7,99	8 CM	80X190 RESISTANT
KMP05	207X227X235	8,83	8 CM	80X190 RESISTANT
KMP06	227X227X235	9,75	8 CM	80X190 RESISTANT
KMP06	187X298X235	10,56	8 CM	80X190 RESISTANT
KMP08	247X247X235	11,69	8 CM	80X190 RESISTANT
KMP09	227X298X235	13,03	8 CM	80X190 RESISTANT
KMP10	247X298X235	15	8 CM	80X190 RESISTANT
KMP11	298X298X235	17,41	8 CM	80X190 RESISTANT
KMP12	298X338X235	19,88	8 CM	80X190 RESISTANT
KMP13	298X379X235	22,42	8 CM	80X190 RESISTANT
KMP14	338X399X235	27,71	8 CM	80X190 RESISTANT

FREEZER ROOM

MODEL	ROOM DIMENSIONS	ROOM VOLUME M ³	PANEL THICKNESS	DOOR FEATURE
KMN01	191X191X239	6,41	10 CM	80X190 RESISTANT
KMN02	191X211X239	7,15	10 CM	80X190 RESISTANT
KMN03	191X231X239	7,9	10 CM	80X190 RESISTANT
KMN04	211X211X239	7,98	10 CM	80X190 RESISTANT
KMN05	211X231X239	8,82	10 CM	80X190 RESISTANT
KMN06	191X302X239	10,56	10 CM	80X190 RESISTANT
KMN07	231X302X239	13,05	10 CM	80X190 RESISTANT
KMN08	251X302X239	14,26	10 CM	80X190 RESISTANT



TECHNICAL SPECIFICATIONS

- Contactors (in three-phase models)
- Phase protection relay
- Thermal magnetic circuit breaker
- Copper tube aluminum fin condenser
- Liquid tank
- Drying filter
- Observation glass
- Liquid flow control solenoid valve
- Service/Maintenance valve (on the liquid line)
- Pressure switch (Low/High)
- Gas charge valve

ADVANTAGES

- Production in accordance with European standards
- Compliance with HACCP standards
- High-quality and reliable equipment
- Compatibility with different installation methods
- Provides high cooling efficiency.
- Prevents noise generation due to low noise level.
- Production with international quality standards compliant parts ensures durability and long-term use.
- Easily compatible with all kinds of installation methods.
- Automatic fan feature in the control system adjusts the changing temperature in the environment without any action required.
- The voltage protection relay prevents electrical problems in case of phase loss.
- The devices can operate in external weather conditions of +35°C, +45°C and +50°C.
- Monoblock cooling equipment increases profit margins with the advantages it provides. Additionally, it contributes significantly to ensuring continuity in production by preventing potential time losses due to its suitability for continuous use.

MONOBLOCK MODULAR ROOM TYPES

Produced in accordance with the conditions of cold and frozen storage rooms. Package type split cooling devices, which are generally developed for small cold rooms, are delivered ready for use. They can be easily installed thanks to their excellent designs. For installation, they only need to be mounted in the warehouses to be used and their electrical connections should be made. The device is of compact type and all equipment is mounted and gas charged ready for use. Their operation is quite silent. Acoustic insulation is applied to the cabinet where the compressor is located to minimize the noise level.

WALL-MOUNTED MONOBLOCK MODULAR ROOM



TAVAN TIPI MONOBLOKLU MODÜLER ODA



Density



Fire Resistant



Heat Insulation



Water Moisture Resistant



Soundproofing



Soundproofing