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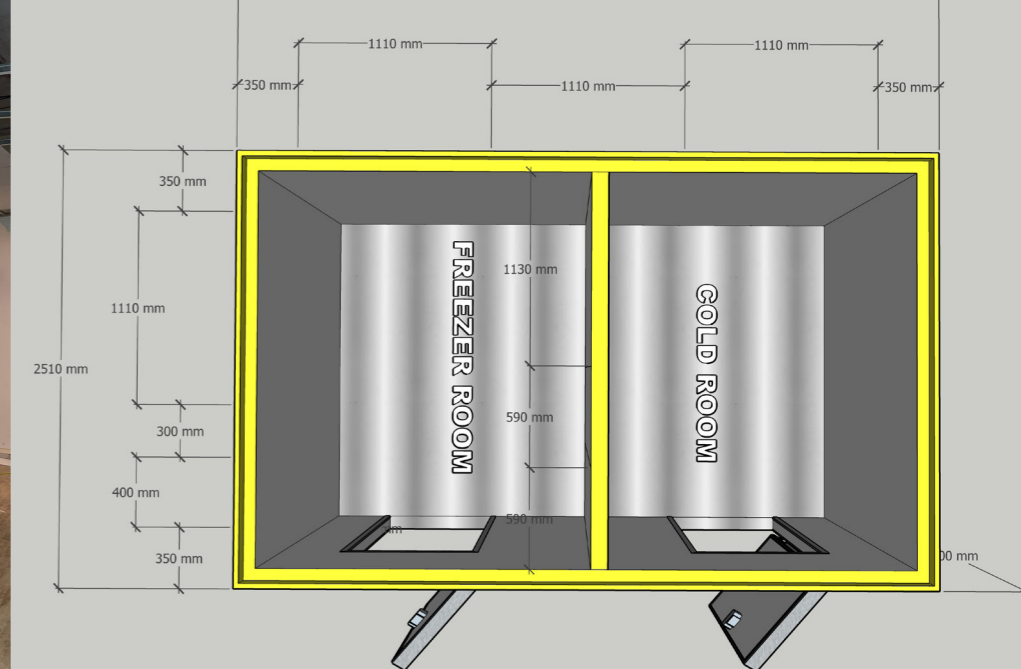
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MODULAR ROOMS WITH MONOBLOCK

A modular cold room is a versatile, prefabricated refrigeration unit composed of interlocking panels. These rooms are easily assembled and customised to specific sizes and configurations, providing efficient temperature control for various applications. Ideal for food storage, pharmaceuticals, and other perishable goods, they offer flexibility and quick installation.



INDUSTRIAL SPLIT DEVICE UNIT BOTH FRIDGE & FREEZER

A good installation process is crucial for the optimal performance and longevity of refrigeration systems, including cold rooms. Proper installation ensures that all components are correctly fitted and integrated, which is essential for maintaining the desired temperature and preventing energy wastage. It helps in avoiding common issues such as refrigerant leaks, improper airflow, and system inefficiencies, which can lead to increased operational costs and reduced lifespan of the equipment.

A thorough installation process includes precise alignment of mechanical and electrical components, accurate calibration of control systems, and rigorous testing to ensure everything functions as intended. This reduces the risk of breakdowns and costly repairs, enhancing the overall reliability and performance of the system.

Furthermore, a well-executed installation promotes safety by ensuring that all parts comply with industry standards and regulations. This not only protects the equipment but also the people working in or around the cold room. In essence, investing in a good installation process is essential for achieving energy efficiency, operational reliability, and safety.



Pictured: Beer room

KEY BENEFITS

- ❄️ European standards & HACCP compliant
- ❄️ High cooling efficiency
- ❄️ Low noise level
- ❄️ Automatic fan adjusts to environmental temperature changes
- ❄️ Can operate in external temperatures of up to 50°C
- ❄️ Voltage protection relay presents electrical problems in case of phase loss, reducing any down time.

GGs UNITS

- Manufactured in accordance with the requirements of cold and frozen storage rooms (SCI.SC2.Sc3) and European Union standards. registered CE mark as standard.
- Hermetic, semi-hermetic and scroll compressors with air-cooled condensers.
- Remote control panel
- Packaged according to external weather conditions.
- Outdoor unit delivered with nitrogen charge.
- High efficiency and great energy savings
- Suitable for GES projects
- Minimum noise level

A split unit refers to a refrigeration setup where a single unit is divided into two sections: a cold room and a freezer room. This design allows for distinct temperature zones within the same space, catering to different storage needs. The cold room maintains a temperature range suitable for perishable items like fruits, vegetables, and dairy products, typically around 0 to 10°C. In contrast, the freezer room operates at much lower temperatures, often below -18°C, ideal for long-term storage of frozen goods such as meats and ice creams.

The importance of split units lies in their versatility and efficiency. By combining both a cold room and a freezer room in one unit, businesses can maximise space utilisation and streamline operations. This dual functionality is particularly beneficial for restaurants, supermarkets, and industrial kitchens where frozen items need to be moved to cold room for defrosting while kept in certain temperature before use.

For large-scale operations, split rooms offer substantial advantages. They provide extensive storage capacity while maintaining separate climate zones within a single expansive space divided into two positive and negative temperature zones. This is particularly useful for distribution centres and large food processing facilities, enabling them to efficiently manage vast quantities of both chilled and frozen products under one roof for ease of moving products from one to the other one. An access door can also be fitted on the dividing wall for ease of moving refrigerated goods to the freezer part.





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