Frigidaire Sales Corporation

Subsidiary of General Motors Corporation

Dayton, Ohio

Outlets in All Principal Cities

Air Conditioning Division

Frigidaire refrigerating equipment has been applied to air conditioning since 1925. In the ensuing years, thousands of Frigidaire installations have been made, covering practically every type of air conditioning application. Along with this long and varied experience, supplemented by both Frigidaire and General Motors research, a comprehensive line of Frigidaire air conditioning apparatus has been evolved.

With equipment to meet the diverse situations arising in the air conditioning field, the Frigidaire organization is prepared and qualified to handle all kinds of air conditioning requirements in residences, stores, offices, hotels, hospitals, railway vehicles, yachts, factories, etc.

To the problems of air conditioning, Frigidaire is devoting the same inventive and engineering genius which has achieved leadership in domestic and commercial refrigeration. This is evidenced by the perfection of Frigidaire air conditioning equipment and engineering; also by the development of FREON, the ideal refrigerant, specifically for air conditioning purposes.

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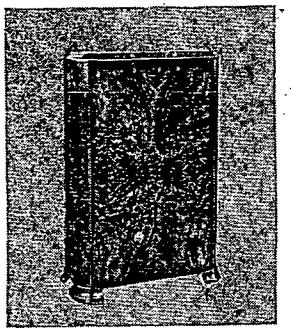
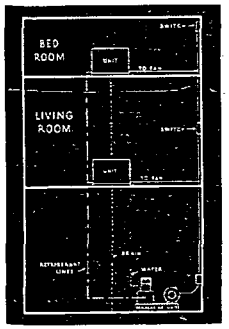
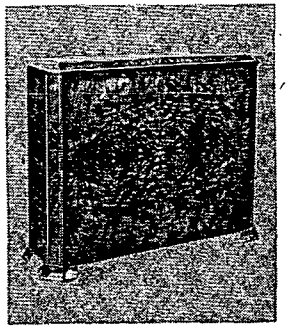


Frigidaire Air Conditioning Cabinet, Vertical Design

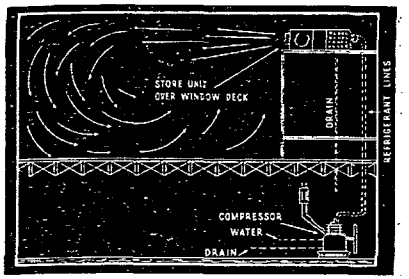


Sketch Showing Two Cabinets Installed for Selective Operation

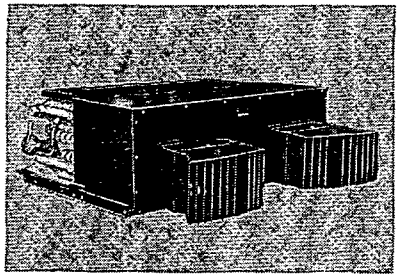


Frigidaire Air Conditioning Cabinet, Horizontal Design

Frigidaire Cabinet Type Air Conditioners. These are of two classes. One class consists of completely self-contained units for cooling, dehumidifying, cleansing, and circulating the air of a room. The other class consists of units for connection to remote compressors. They may be operated individually or in multiples. In the latter event, any selected number or group of the conditioners may be refrigerated at one time. The cabinets of the second class are attachable to steam or hot water lines, in which event the air of the room is cooled in summer and warmed in winter, as well as properly dehumidified or humidified, cleansed, and circulated. All of these may be installed to use any desired percentage of outside air.



Sketch Showing Model SU-3 Installed Over Window Deck of Store



Frigidaire Store Type Air Conditioner, Model SU-3

Frigidaire Store Type Air Conditioners. These comprise cooling coils (or both cooling and heating coils) and fans in housings which have outlets scientifically designed for wide-spread air diffusion. Cooling capacity ranges up to 3 tons of refrigeration per 24 hours. Conditioners of this type may be installed on ceilings, on window decks, on platforms, in alcoves, in the bulkheads of railway cars, etc. Refrigeration is supplied by remotely installed Frigidaire compressors. Several units may be connected to a single compressor. Provisions are made for drawing in as large a proportion of outside air as desirable.

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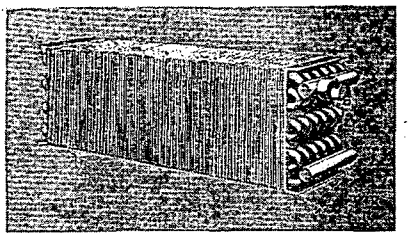
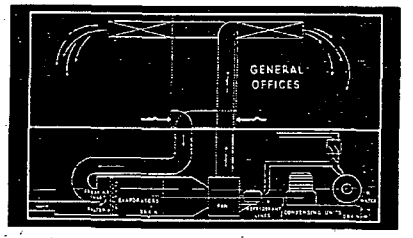


Frigidaire Central System Cooling Coil



Sketch of a Frigidaire Central Cooling System

Frigidaire Central System Cooling Coils. Cooling and heating coils of this class are available in numerous shapes and sizes. The coils have extensive finned areas for providing contact with large volumes of air in relation to the size of the units. These coils are specifically designed for installation in the cooling and heating chambers of central systems. They can be used with existing warm air systems or with systems providing general ventilation.

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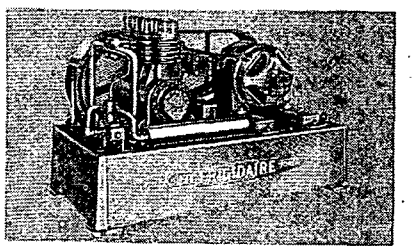

Frigidaire Four-Cylinder Compressor, Model FW-7500

Frigidaire Compressors. These are made in many sizes from small to large capacity. Each Frigidaire compressor is built like the finest automobile engine, as would be expected of a General Motors product.

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Complete data will be gladly furnished by Air Conditioning Division, Frigidaire Sales Corporation, Dayton, Ohio.