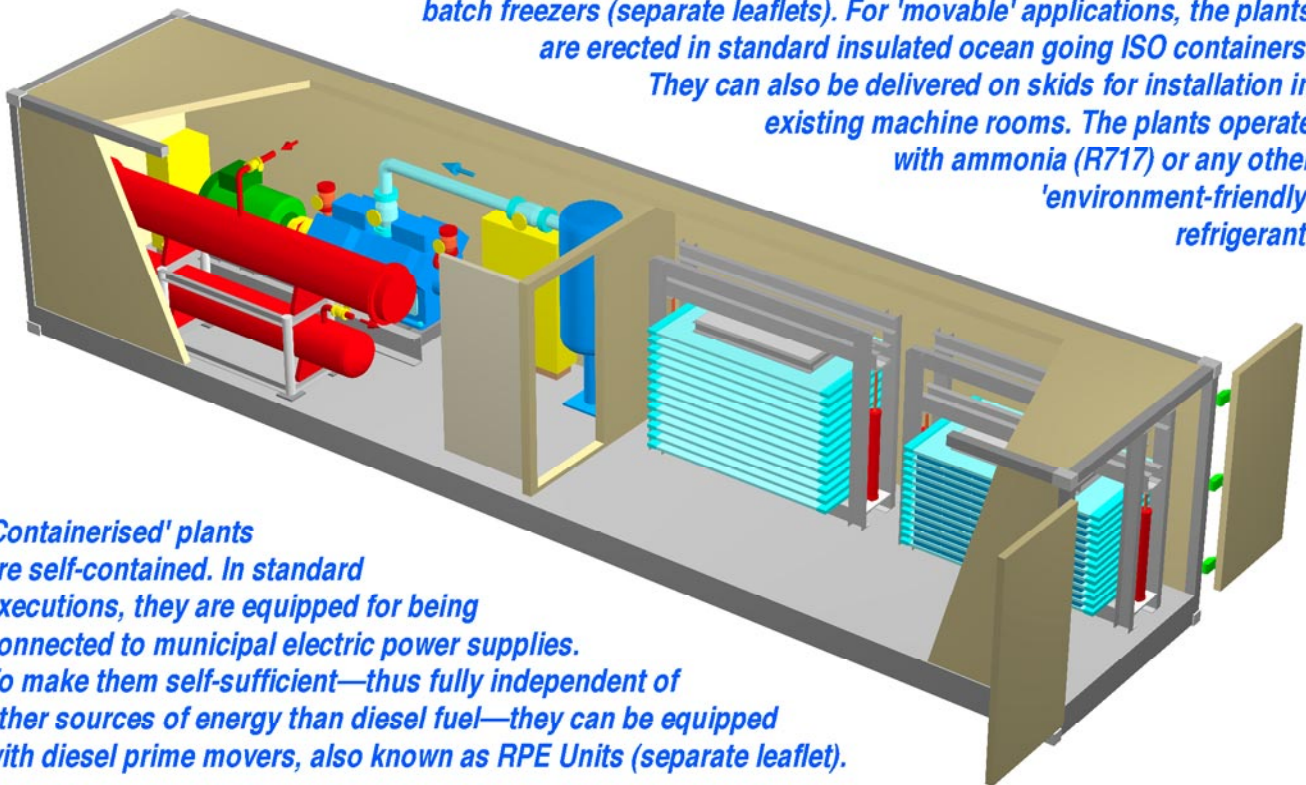


Packaged and Containerized Plate Freezing Plants

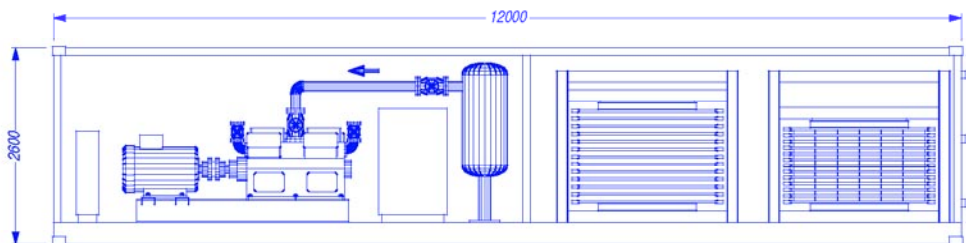
Self-Contained and Movable (Transportable)

The picture and drawing below show a plant with two horizontal contact plate freezers. It can be built with a capacity to freeze up to 20 metric Tonnes in 24 hours. The horizontal plate freezers can be replaced with vertical plate freezers, belt freezers or air blast batch freezers (separate leaflets). For 'movable' applications, the plants are erected in standard insulated ocean going ISO containers.

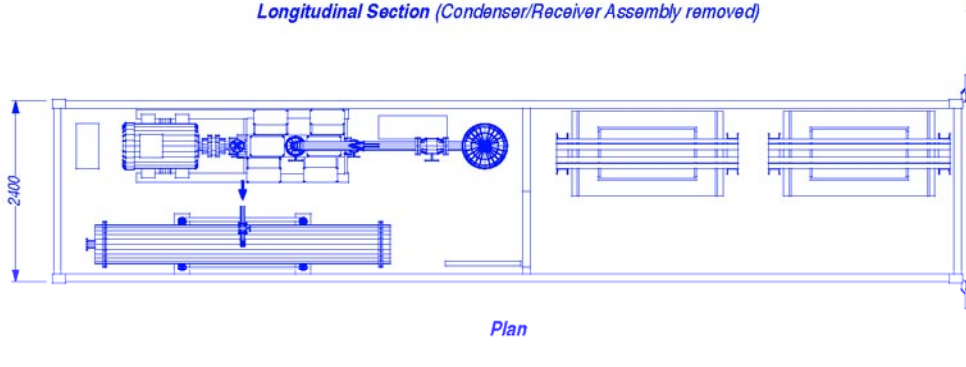
They can also be delivered on skids for installation in existing machine rooms. The plants operate with ammonia (R717) or any other 'environment-friendly' refrigerant.



'Containerised' plants are self-contained. In standard executions, they are equipped for being connected to municipal electric power supplies. To make them self-sufficient—thus fully independent of other sources of energy than diesel fuel—they can be equipped with diesel prime movers, also known as RPE Units (separate leaflet).



Longitudinal Section (Condenser/Receiver Assembly removed)



Plan



In this particular design, the plant operates with refrigerant R717 (NH₃, ammonia). The two marine type horizontal plate freezers (picture) are fed with the refrigerant by gravity from a vertical liquid separator. The process heat from the refrigeration can be rejected to the atmosphere through a Cooling Tower (delivered on request) or to a near-by river or the sea (pumping of (sea)water). However, the plant can be designed to work with any other 'environment-friendly' refrigerant specified by client.

You name it, we cool it!



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