

Systems with semi-hermetic compressors modulated with inverters



The primary needs to which a refrigeration plant should be able to respond:

- The accurate supply of the refrigerating duty necessary for various uses
- The possibility of supplying at least 50% of the cooling duty even in the event of failure of a component and out of service electronic control unit (by electromechanical operation)

Alongside these two functions, over the years there have been increasing requests regarding the "quality of the cold produced", such as:

- Reduction of the electrical consumption of the refrigerating plant
- Close control cooling based on reduction of "suction pressure" to maintain a narrow TD, which translates into better quality of product conservation;
- High reliability and reduced maintenance;
- Ease of installation and use.



The system with an inverter power plant is undoubtedly the best in terms of energy saving and provides a single unit with one or more compressor and with SINGLE or DOUBLE INVERTER , which are used to service refrigerators, multi-desk cases, cold rooms, islands and other applications.



This innovative system is able to adapt the thermal load to real time thus determining optimal compressor operating conditions.

There is a reduction of mechanical wear of the compressors and in the event of a compressor failure, the remaining compressor can be compensated up to 75% of the total need.

Everything is electronically controlled, in the unfortunate event of electronic control failure, the system continues to operate in electromechanical mode and transmits the fault signal directly.

The energy saving is calculated to be about 30-35% compared to a traditional system.

MULTICOMPRESSOR PACK WITH REMOTE CONDENSER



MT: Capacity from 10 to 400K Watt

LT: Capacity from 5,0 to 120K Watt

From 3 to 5 compressors

HOUSED CONDENSING UNIT



Low Noise Condensing Unit

MT: Capacity from 1,0 to 45K Watt

LT: Capacity from 0,9 to 40K Watt

From 1 to 3 compressors

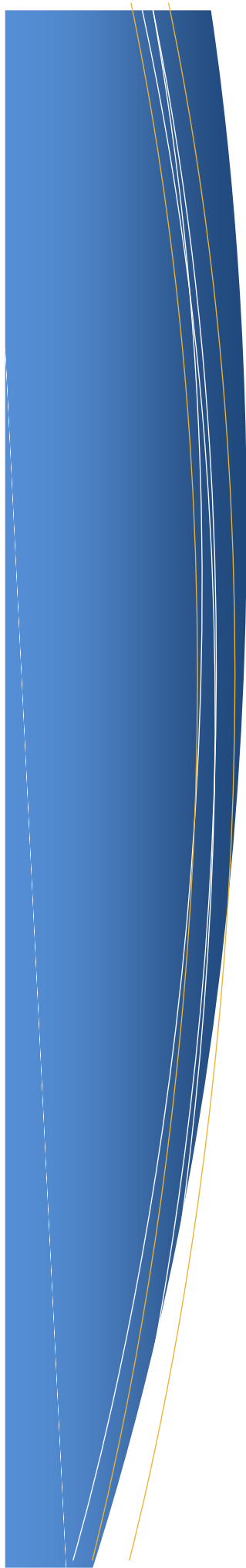


Housed Condensing Unit

MT: Capacity from 1,0 to 60K Watt

LT: Capacity from 0,9 to 47K Watt

From 1 to 3 compressors



CUSTOM SOLUTIONS



FAST TURNAROUND TIMES