

Unit description



Outdoor unit for the production of chilled water with hermetic rotary Scroll compressors, ozone-friendly refrigerant R410A, axial-flow fans, shell and tubes exchanger and electronic expansion valve. The range is composed by units equipped with four, six and eight compressors in multi-circuit configuration.

Versions

- **B** - Basic
- **SL** - Super-low noise version
- **CA** - High efficiency version
- **SL-CA** - Super-low noise, high efficiency version

Configurations

- - - Basic function
- **D** - Partial condensing heat recovery function
- **R** - Total condensing heat recovery function

Features

- **REFRIGERANT GAS R410A**
The use of R410A allowed to achieve better energy efficiencies with environment full respect (ODP = 0)
- **ALUMINIUM MICRO-CHANNEL HEAT EXCHANGERS**
This new range of chiller uses aluminum micro-channel condensers that ensure a premium level of efficiency. This solution also allows to reduce the refrigerant charge with respect to traditional copper/aluminum coils, assuring the minimum allowable ratio between the refrigerant volume and the power capacity thus making this product range unique in the market, also improving the resistance against corrosion in saline or corrosive atmospheres.

- **EXCHANGER**
The shell and tube exchanger allows to achieve the highest flexibility on the unit's installation, keeping on the hydronic side the pressure drops at the minimum level, thus representing the best choice for all the hydronic applications on the IT Cooling market.
- **ELECTRONIC EXPANSION VALVE SUPPLIED STANDARD**
The use of the electronic expansion valve generates considerable benefits, especially in cases of different external conditions. It was introduced into these units as a result of accurate design choices concerning the cooling circuit and the optimisation of operation in various different working conditions
- **INTEGRATED HYDRONIC GROUP**
The optional built-in hydronic module already contains the main water circuit components; it is available with single or twin in-line, for achieving both low or high head.

Accessories

- Set-up for remote connectivity with ModBus/Echelon protocol cards
- Remote control keyboard (distance to 200m and to 500m)
- Soft starters