

Unit description



Outdoor unit for the production of chilled water featuring oil-free centrifugal compressor, with R513A, axial-flow fans, condensing coil with copper tubes and aluminium fins, shell and tube flooded evaporator and electronic regulation valve. Base and supporting structure and panels are of galvanized epoxy powder coated steel with increased thickness. Flexible and reliable unit; it easily adapts itself to different thermal load conditions thanks to the precise thermoregulation together with the use of inverter technology. The compressor is radically innovative: magnetic bearings and digital rotor speed control allow partial load efficiency levels to be reached that were hitherto impossible.

Versions

- **SL-CA** - Super Low noise version, Class A of efficiency
- **XL-CA** - eXtra Low noise version, Class A of efficiency
- **SL-CA-E** - Super Low noise version, Premium efficiency, Class A enhanced

Configurations

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

Features

- **VERY HIGH EFFICIENCY**
Very high efficiency at full and partial load, to top market levels, thanks to adopted technological solutions: large capacity modulation and expanded exchanger, offering minimum running costs of the unit in real working conditions.
- **VERSION 'CA-E' AVAILABLE**
The version 'CA-E' is characterized by efficiency beyond the 'Class A' for

Eurovent. The technological choices adopted assure the minimization of operating costs and therefore a quick payback time.

- **EXTREMELY SILENT OPERATION**

As result of a sistematic design oriented to minimize the noise level, XL version's units give the best compromise between silence and efficiency on the market.

- **LOW INRUSH CURRENTS**

Reduced breakaway starting currents thanks to the revolutionary centrifugal compressor.

Accessories

- VPF (Variable Primary Flow) kit: variable flow pumps with on board regulation
- Hydronic group
- EC fans with electronic DC brushless motor
- Set-up for remote connectivity with ModBus/Echelon protocol cards