



Unit Description

Air cooled liquid chillers and heat pumps with scroll compressors for indoor installation from 37 to 325 kW.

ICS through their Climaveneta brand introduces its new NECS-C range of chillers and heat pumps with scroll compressors and R-410A. The range includes sizes with both one-circuit two compressors and two-circuit four compressors, focused on maximum efficiency and minimum noise emission.



Unit Features

- **COMPLETE VERSATILITY**
NECS-C and NECS-CN units are designed to fully satisfy any application need thanks to a complete range of models, versions and configurations. In fact, NECS-C is available in partial (D) and total (R) recovery and in B (base) HT (high temperature / high efficiency). Additionally, the low temperature accessory that permits heating down to -10°C outdoor temperature is available.
- **INTEGRATED HYDRONIC KIT**
The new NECS-C units can be equipped with the hydronic kit that incorporates the main hydraulic components thus optimising hydraulic and electrical installation space, time and costs. The innovative QuickMind regulation featured on NECS-C units was designed to operate in low water content systems thus providing highly professional alternatives to the installation of units with accumulation groups.
- **ELEVATED EFFICIENCY AT PART LOADS**
NECS-C units have been designed with the goal of guaranteeing high efficiency at part load. The result achieved in the single-circuit dual-compressor is an ESEER > 4.1, equivalent to a 38% saving in seasonal energy consumption compared to the previous R-407C version.

Unit Benefits

- **HIGH PERFORMANCE CENTRIFUGAL FANS**
The NECS-C units are equipped with dual suction fans, statically and dynamically balanced and coupled by belts and pulleys adjustable to their relevant three-phase motors assembled on turnbuckle runners. Working static head up to 180Pa is available, upon request, at nominal capacity.
- **INTEGRATED PUMP UNIT**
NECS-C was designed to minimise installation work. The integrated pump unit is an option that incorporates all the hydraulic components, thus optimising installation space, time and costs.

The choice of either a single or dual high or low head pump makes NECS-C units plug & play.

The Range

MODELS

NECS-C, NECS-CN cooling only or heat pump standard unit

NECS-CD, NECS-CND cooling only or heat pump unit complete with partial heat recovery.

NECS-CR cooling only unit complete with full heat recovery section (model available for 4-compressor units only)

Equipment designed to ISO-9001 and all relevant directives. Product improvement is a continual process at ICS Industrial Cooling and we reserve the right to change the design and specifications without notice or obligation.

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