


Specialized
Low Energy
AC Systems

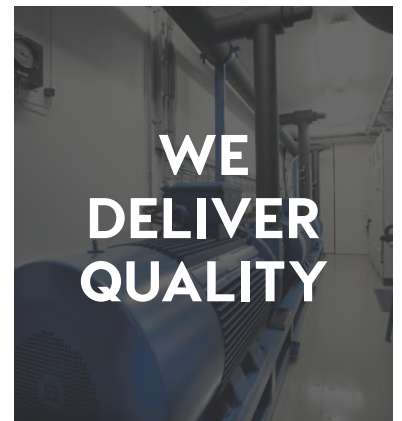


Annual / Quarterly
Maintenance

SCS was established in 1996 with experienced staff from the Refrigeration and Aircondition industry. We carry out the installations with different media such as NH3, CO2 and CFC-free Refrigerants and produce/install chillers.

NH3 CHILLER

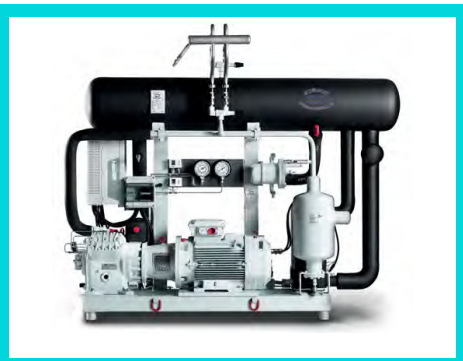
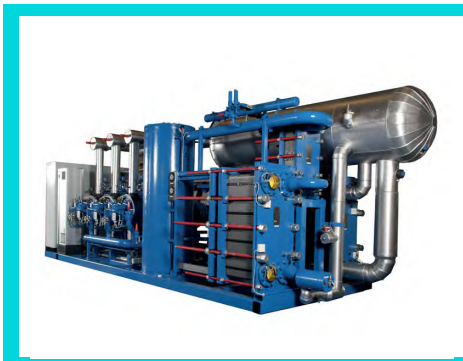
- ✓ Control system with Touch screen.
- ✓ Remote controlled and remote operated units.
- ✓ Screw Compressors with high COP and low energy consumption
- ✓ Plate Heat Exchangers, standard or semiwelded.
- ✓ Frequency Converters for capacity control and energy savings.
- ✓ Natural refrigerants i.e. NH3.
- ✓ Option for Heat Recovery function.
- ✓ Manufacturing as per Refrigeration Standards and Pressure Codes PED and EN 378.



Applications

Our focus is customer tailor-made energy efficient installations of high quality and long life span. Our competence can match any challenge

- Food Industry.
- Process Industry.
- District Cooling.
- Heat Pumps.
- Sport Arenas and Ice Rinks.
- Capacity range 50-4000 KW.



Containerized Chillers

Standard Delivery

- New 40" HC Container.
- Insulated walls, ceiling and floor including Fire Proof Insulation and internal cladding of Minerit.
- Sound proof. Max external sound transmission of 75 db (A).
- Machine room and emergency ventilation.
- Leak detector system with alarm.
- Internal lighting , heater and cooler element for outdoor applications.
- Workshop and service area for maintenance with tools and power connections for 3 phase 400 V or single phase 230 V.
- Personal safety equipment including oxygen mask, gloves and extinguishers.

All the equipment in the container are factory installed, manufactured and "dry tested" before delivery with i.e.

- » Oil and Suction filters.
- » Valves , Safety valves and Sensors from Danfoss.
- » Oil cooling and automatic keys circulation system.
- » Stainless Steel driptrays under the Plate Heat Exchangers.
- » Common exit line from all internal safety valves that terminate at the outside of the container.
- » Steel flexible hoses at the safety valves.
- » All pipe connections are complete with flanges for easy connection.



CONTAINERIZED NH3 CHILLERS

On Site Installation

- Pipe installations all over Scandinavia, Europe and Middle East.
- Site constructed installations.
- Chilled water and Condensor Cooling Systems.
- District Heating and District Cooling Systems.
- Certified for pressure testing up to 180 Bar as per standards. EN 3834-2 and PED 13480 & 13445.



CO₂-UNIT & PUMP MODULE

CO₂-Pump Module

- » Capacity range: Standard 10-1000 KW.
- » Vessels between: 100-10,000 litres.
- » Danfoss Control Components.
- » Hermetic Pumps in twin configuration.
- » Temp range: -50 degree C to + 150 degree C.
- » Pressure range: - 1 bar to 180 bar.

CO₂-Unit

- » Capacity range: Standard 10-1000 KW. Larger capacity on demand.
- » Vessels between: 100-10,000 litres.
- » Bitzer Compressors.
- » Danfoss Control Components.
- » Dryfilters in twin configurations.
- » Temp range: -50 degree C to + 150 degree C.
- » Pressure range: - 1 bar to 180 bar.



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Pax-Kent International L.L.C Since 1980