

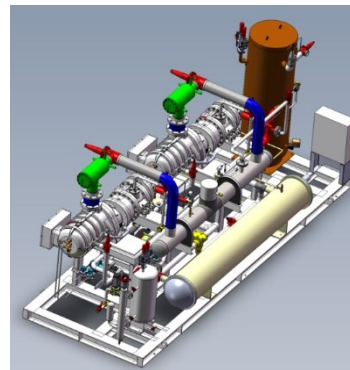
COLD STORAGE CONTAINER PLANT ROOM

The first semi-hermetic two-stage Ammonia compressor package in Europe was successfully commissioned in a cold storage facility in North Germany by contractor **Zimmermann Industriekälte GmbH**.

The compact system was easily fitted within a standard container as plant room. This guaranteed low on-site cost of installation. In case of further extension this solution is highly flexible for the future.



The two-stage compressor guarantees higher efficiency compared to applications with booster systems where two compressor packages are needed. Such simple system achieves less complexity cost and requires less expensive space. Frequency inverters assure close following of required cooling capacity with fast reaction.



SRMTec offers a range of refrigeration technology equipment focused on natural refrigerants like NH₃, CO₂ and Hydrocarbons like Propane, Isobutane etc. for all kind of applications in every aspect of modern life. The compressors are the development of Svenska Rotor Maskiner, the pioneer of screw compressor engineering since 1908.

SRMTec EU is the Organization for European and American customer support and sales of industrial refrigeration solutions. We cooperate closely with our agents and distributors to be a reliable local partner for our customers.

Learn more at srmtecgroupp.com/products/SRS1612LS

PROJECT DESCRIPTION

Compressor Duo-Package

SRMTec : 2 x SRS1612LS,
two stage

Refrigerant: Ammonia R717

Technical Data, Total

Capacity @3600rpm Q: 380 kW

Te: -35°

Tc: +45°

Energy consumption: 241 kW

COP_{total}: 1,58

Commissioning: Aug 2018

Contacts/Partners of SRMTec Europe www.srmtecgroupp.com

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