

VEGA SALMON INDUSTRY

The recent extension of the current piston compressor cooling facility of Salmon company VEGA in Northern Germany was based on SRMTec technology.

The combination of SRM20M and SRM26M booster open-drive compressor packages are engineered and installed by ARCTOS Industriekälte AG.

The new system can pro-actively adapt to the seasonal fluctuation of the ambient conditions to bring condensing and evaporation temperatures in line to achieve best performance and energy savings. Generously dimensioned suction filters and double oil filters plus efficient oil separators increase process security for the project owner.



The SRMTec combination of 1 x SRM26M and 1 x SRM20M compressor-pack as booster system assures a maximum of flexibility with several side loads and is ready for future extensions.

The low stage booster pack provides 500kW at (-)40 deg C which is condensed against the high-stage at (-) 2 deg C.

The 500kW are allocated to spiral freezers, ice machine and cold storage whereas the high stage besides the condensing load is allocated to ante-rooms, process cooling and medium temperature cold storage.

Only the most reliable and reputable components which can be identified and sourced locally within your market are used in SRMTec systems for your piece of mind.



Main Features:

- Radial roller bearings designed for 100.000 hours of lifetime
- Newest 5/7-i-profile for highest efficiency and lowest demand of oil for sealing and lubrication.
- Dedicated oil distribution for lubrication and sealing
- Nodular iron casting housings
- Speed control of up to 6000 rpm (dependent on model) adapts closely to the capacity profile needed.
- Vi-Regulation for optimal adjustment to temperature zones
- Single- and two-stage compressors

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.

PROJECT DESCRIPTION

Compressor Package

SRMTec :	SRM26M,
	single stage
	SRM20M,
	single stage
Refrigerant:	Ammonia R717

Technical Data, Total

Capacity L/T Q ₀ :	500 kW
Te:	-40°
Tc:	- 2°
Energy consumption L/T:	154 kW
Capacity M/T Q ₀ :	1230 kW
Te:	-3°
Tc:	+32°
Energy consumption M/T:	230 kW
Commissioning:	Aug 2018

Learn more at srmtecgroupp.com/products/SRM20M and srmtecgroupp.com/products/SRM26M

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