

## Dairy Industry Kaiko

The recent upgrade of the cooling facility of dairy company ESNELAT in the Basque region of Spain was based on SRMTec technology. The SRM26M open-drive compressor package was replacing an old compressor system which was causing increasingly high maintenance and service cost.

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 and double oil filters plus strong piping and structures increase process security for the project owner.



1 x SRMTec SNA26M-HAMA open-drive compressor-pack with Qo: 1500 kW capacity generates the ice for an ice bank to be ready for the quick pull-down of raw milk being delivered with trucks to a temperature of 6 °C to reduce germs growth.



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.

**SRM EU** is the subsidiary of Snowman of China 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
Refrigerant:	Ammonia R717
<b>Technical Data, Total</b>	
Capacity Q: max.	1500 kW
Te:	-9,5°
Energy consumption:	324 kW
COP <sub>total</sub> :	4,18
Commissioning:	Oct 2017

Learn more at [srmtecgrou.com/products/SRM26M](http://srmtecgrou.com/products/SRM26M)

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