

The other milk cooling solutions

Group SERAP offers innovating solutions which respect the environment and are designed to reduce the consumption of its equipment.



Ecotemp

Reduce your electricity bill with the heat recovery system with water storage !

/// CONCEPT

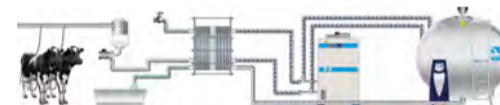
The cooling of the milk releases a quantity of heat usually evacuated through the cooling unit condenser. This available and free energy can be easily saved in order to heat your milk parlor with cleaning water.

/// SAVINGS

1000 liters of milk cooled from 35°C to 4°C enable to heat up more than 330 liters of water from 12°C to 50°C. 70% savings on your electric hot water boiler.

/// BENEFITS

Its conception enables a simple and optimal installation for the milk coolers equipped with one or two cooling units, including the already existing installations. Its stainless steel construction guarantees an important durability.



Instant cooling

A modular system well adapted to the big milk productions to optimize the energy cost of the cooling.



Coaxial heat exchanger

Instantly reduce the temperature of your milk with the coaxial heat exchanger.

/// SAVINGS

40 to 50% savings on the power consumption of the milk cooler.

/// QUALITY

Speeds the cooling up. Avoids the thermal shock with the milk already stocked in the tank. Decreases the risks of lipolysis and bacterial growth.

/// PROFITABILITY

Thanks to the watering with lukewarm water, the milk production increases. The return on investment is fast. Whole stainless steel built : Product with long lifetime.



Ice builder

Ice production and storage system.



Milk can coolers

Thanks to quick cooling after milking, the milk quality is preserved. Well suited for all small milk productions.

More informations on
www.groupeserap.com

Customer support

A large range of services adapted to the needs of the dairy companies and our resellers / installers partners to ensure the business continuity of our equipment, to optimize their lifetime while controlling use and maintenance costs.



After-sales service – Spare parts and accessories

SERAP markets spare parts, kits, accessories and tooling needed for the installation and maintenance service for all products, Gives advice on the choice of parts and considers with you solutions adapted to your equipment, Offers two types of deliveries: standard delivery or express delivery in case of urgency.



Technical Support Service

SERAP technical support provides the following services to all its installation and repair technician customers worldwide and for its whole cooler range

- A technical helpline with advice and troubleshooting information,
- Field support for the technicians of its distributors when necessary,
- Repairs and periodic annual checks on digital dipsticks,
- Product newsletters for technicians reporting the various technical developments related to milk coolers.



Technical training

The technical training center holds three types of training at the SERAP headquarters:

- «SERAP Equipment»: 3-days training session dedicated to installation and maintenance of SERAP milk coolers and accessories.
- «Junior refrigeration technician»: 4-days training session dedicated to basic refrigeration theory adapted to milk coolers.
- «Certificate of competence in refrigerant handling»: 3 1/2-days training session dedicated to regulations on refrigerant handling in Europe. Program: practical work (equipment handling), theory related to applicable legislation and assessment preparation This training is followed by a final theory and practical examination.

For the requirements of French customers, SERAP is an approved training organization and is able to assess for the certificate of competence. Theoretical and practical assessments are certified by BUREAU VERITAS CERTIFICATION. To find out the dates of the next training sessions, please contact us.

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Milk coolers

Information in this brochure can be modified without notice. Photographie: Jean-François Lefebvre



FIRST.SV 2.0 >
10 000 - 40 000 L
With washing cabinet
RAINBOW



FIRST.SE >
900 - 30 000 L
With washing cabinet
RAINBOW



FIRST.SC >
3 000 - 10 000 L



FIRST.S >
225 - 1 500 L



FIRST.SU >
2 000 L

From 225 to 40 000 liters: a complete range

/// QUALITY
French production with systematic quality controls in order to comply with the highest standards.

/// FLEXIBILITY
A large range to meet with all the requirements : capacity, special climatic conditions.

/// EFFICIENCY
Performances of cooling and washing guaranteed as tested in our accredited laboratory.



Norms : ISO5708
: EN13732

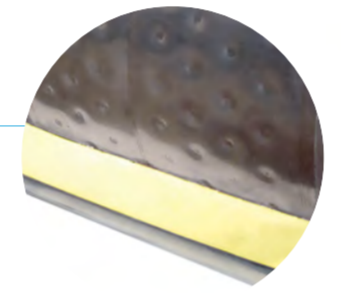
Easy maintenance

No long and complex disassembling.



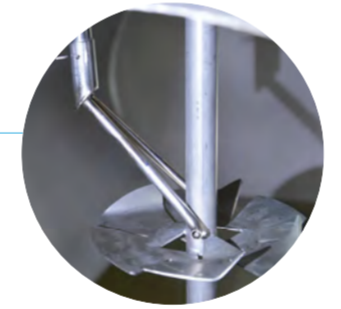
Evaporator with integral flow

Isolation by polyurethane foam without thermal break. For a performing cooling at lower cost.



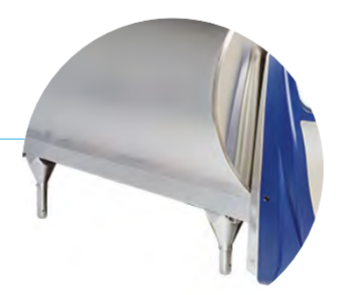
Exclusive spray head

Get a washing of quality by using the optimum quantity of water. Liability and efficiency unrivalled.



Stowage & handling

4 harnesses : make the stowage easy and secure. Secures the unloading.



Cleaning product use

Automatic cleaning product use, optimizes the consumption : detection when lack of product.



Ø 76 Outlet

Optimized milk collection thanks to the Ø 76 mm outlet with Ø 63 or 51 stainless steel adapter .



Rainbow control unit

Ensures an efficient washing thanks to its patented dispensing system and shorter and optimized washing cycles to adapt to the new constraints of robotized milking system.



FIRST LEVEL 2

Certified digital dipstick. Fill level indicator in mm and liters. Precision : 0.5%



Emergency cooling device

Milk is kept cool in case of failure of the control panel. Avoids any loss of milk.



Rainbow screen

Intuitive touch-screen interface, direct access to the main functions (cooling, stirring and washing), easy configuration : display of alert messages.

