

Keeping the world's milk fresh

We don't create cooling systems for a range of liquids and sell some of them for milk.

We create solutions specifically for the challenges of cooling, storing and protecting milk.

We believe that keeping milk fresh has some unique challenges that demand a no compromises approach.

We understand that, for you, protecting your income is about protecting your milk, and to do that you must keep it fresh at all times. That's why, at DeLaval, we develop solutions for cooling milk - because when you live milk, you are passionate about keeping it fresh.





Why is it better

At DeLaval we design and manufacture a complete set of solutions for cooling, storing, transporting and protecting your milk. Designed to work together or as individual units, we have a solution to preserve the freshness of your milk through every step of the cooling process - from the moment it leaves the teat, to its collection by the milk tanker.

Low running cost

& DeLaval

Service & maintenance is included

less refrigerant*

Remotely monitor your cooling tank

№ DeLaval

Cool to 4 degrees in 4 seconds**

100% Stainless steel cooling tanks

*Based on AFCC compared with standard cooling unit

**Based on CWC

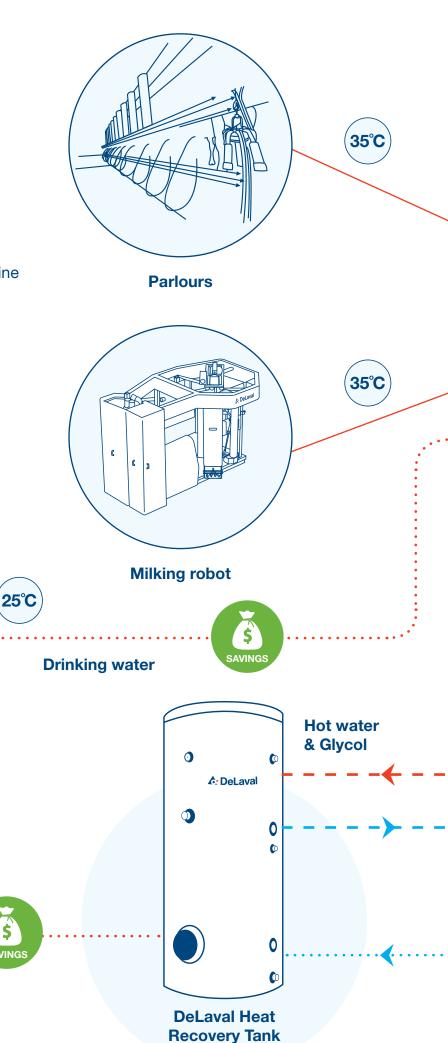
DeLaval complete milk cooling system

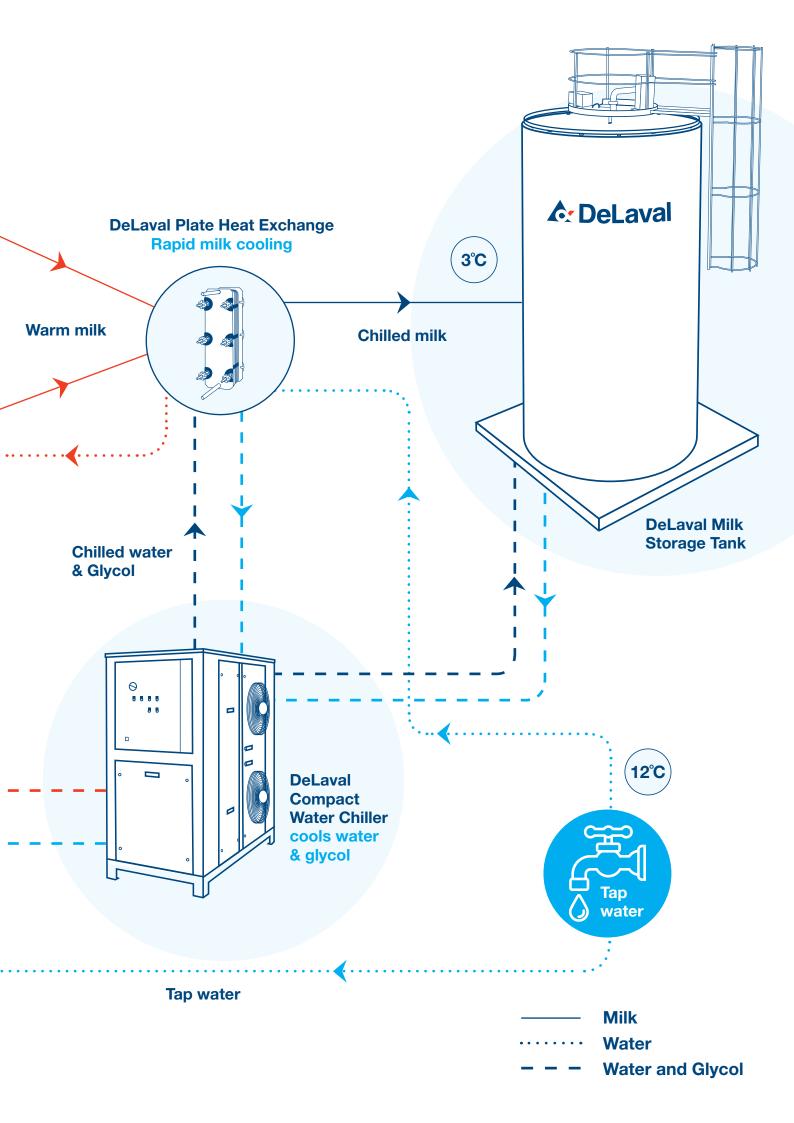
DeLaval cooling solutions are versatile and can be used with milking robots, conventional parlours and rotaries. Combine a DeLaval Milk Storage Tank with a Plate Heat Exchanger, Compact Water Chiller and Heat Recovery Tank to complete the ultimate efficient DeLaval cooling system.

Naz lead to increase in mittado

50°C

for farm use







Standard cool unit

Our standard range of cooling units may not be as standard as you might think. Did you know that all of our cooling units are equipped with an extra-large condenser? The extra surface area guarantees optimum performance and low energy consumption, even in the peak of summer. We also supply various safety devices to optimise and protect your compressor performance.

Crossfire

Long before DeLaval made cooling tanks for cooling solutions for dairy and beer factories development led us to our most advanced e

Our Crossfire design can be found in all our and heat transfer and is suitable for a gaseou



The cooling of small milk flows presents a unique set of challenges. Milk flows that vary in volume and milk flows from modern automatic milking systems require a solution that can adjust cooling capacity to match.

Our unique and patented AFCC system can handle it all.

With DeLaval Adaptive Flow Controlled Cooling (AFCC), cooling capacity is automatically adjusted to suit milk flow, so varying volumes of milk can be cooled quickly and consistently, without stirring and without the risk of freezing.

Low refrigerant usage Eliminate risk of freezing

Fast cooling

Robust 'all seasons' housing

InFlow cooling

the agricultural sector, we were developing
With DeLaval InFlow cooling milk is cooled to below 4 degrees in only 4 seconds, before
, among others. Years of research and
it is stored in the cooling tank. Cool your milk faster to lock in its freshness and preserve
vaporator – DeLaval Crossfire.
its quality with DeLaval InFlow cooling solutions.

cooling tanks and guarantees maximum cold us refrigerant as well as water.

Vertical Tanks

Sto

DeLaval DX3S - 11.000 - 40.000 Litres



Fully enclosed housing

Unique configuration of bottom evaporators for early cooling

Crossfire evaporators on the bottom and side for high cooling capacity



Cooling tank range



DeLaval DXCE



DeLaval DXCEM



DeLaval DX3S



Horizontal Tanks

DeLaval DXCE(M) - 1.150 to 32.000 Litres



DeLaval Buffer Solutions



DeLaval Buffer Vessel BVV

300, 600 & 850 Litre options



DeLaval Buffer Vessel DBV

1,150 & 1,600 Litre options

Enable 24/7 operation of your DeLaval VMS™ by allowing milking while your tank is not available due to milk pick-up and cleaning.

For more information and the full range of tanks visit DeLaval.com

Protect

Secure your milk freshness

At DeLaval, we know that protecting the freshness of your milk doesn't end once your milk is in the tank. To maintain the highest milk quality your system needs to be cleaned to the highest standard, and requires regular servicing and maintenance to make sure it consistently performs to the level you demand of it.

Cleaning Control Systems

Our user friendly Cleaning and Control Units automatically clean your tank after each and every collection, allowing your farm to achieve the highest food quality standards.

Control

Fully control your cooling and cleaning processes from the user-friendly touch panel or via DelPro™ Farm Manager.

Monitor

Monitor your cooling and cleaning processes and receive important alerts when you need them most.

Clean

Our DeLaval detergents have been developed to work well with all of our cooling systems and achieve the cleaning performance required to consistently deliver high quality milk.



DeLaval InService



MQA Milk Quality Auditor

DeLaval MQA, Milk Quality Auditor enables you to check milk temperature, cleaning cycles, historical data, and even plate cooler performance. Receive alarms straight to your

mobile or the user-friendly touchscreen.
DeLaval MQA can be installed on any model or brand of cooling tank and its integrated battery pack enables operation even when the power is out so you can always respond quickly when it matters most.



InService[™]All-Inclusive

With DeLaval Cooling Systems service is included. That means all of your regular servicing, maintenance and consumables are included, for one agreed price, so that

your system can continue to perform at the level it did when we installed it.



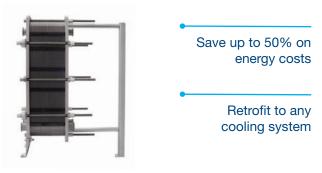


DeLaval Premium Heat Recovery



DeLaval Plate Cooler (PHE)

DeLaval offers a wide range of plate coolers (PHE) suitable for the smallest milk flows to large industrial volumes. Plate coolers always deliver the best results of any type of pre-coolers by guaranteeing maximum milk to plate surface contact whilst maintaining a gentle flow of milk. With our PHE assortment, milk is rapidly cooled before it reaches the tank, reducing the growth of bacteria, and reducing the amount of energy required for tank cooling by up to 50%. Following the pre-cooling process, warm drinking water can be redirected to your herd at the optimal temperature for milk production.



For more information and the full range of DeLaval Heat Recovery and Plate Coolers visit DeLaval.com

DeLaval cooling solutions work well with:



DeLaval VMS™ Series



DeLaval Conventional Milking Systems

We deliver solutions that are designed to help you get more, better quality milk from healthier animals.

That's why we don't just focus on one part of the milking process. We design, manufacture, install and maintain whole systems, and we ensure the quality and reliability of every component of those systems.



DeLaval Detergents



DeLaval InService™



DeLaval Advisory

Put DeLaval cooling solutions to work for you

To take the next step on your journey, either talk to your trusted DeLaval representative or for more information visit us at www.delaval.com

