

DeLaval plate cooler P30

Cold water precooling



Looks after the milk and saves you money

DeLaval plate cooler P30 is the easy way for you to reduce cooling time and save energy and expense in the day-to-day operation of your farm. This plate cooler cools milk quickly and efficiently before it enters the cooling tank, thereby considerably reducing the operation time of the refrigeration compressor. Rapid cooling of milk preserves milk quality, as bacteria have less time to develop.

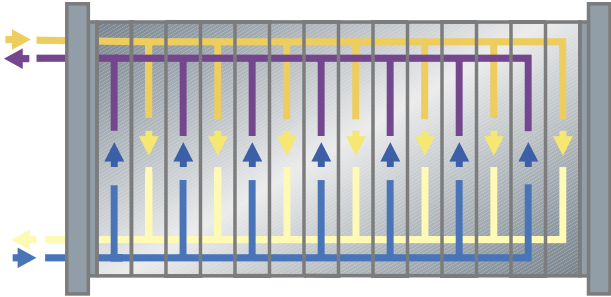
Provides warm drinking water

After cooling the milk, the water from DeLaval plate cooler P30 can be used to supply the cows with warm drinking water. In winter this can help to increase their water intake and overall milk production.

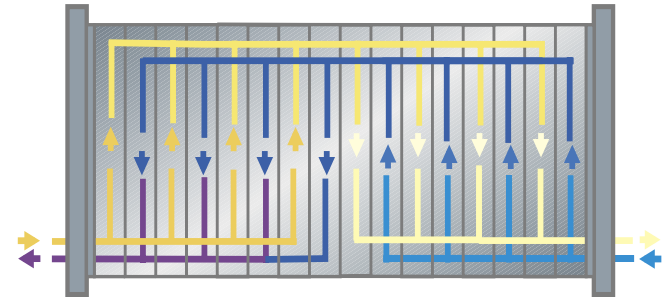


DeLaval plate cooler P30 = flexibility

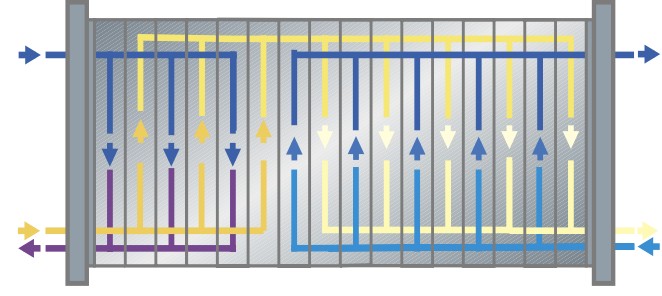
There are three versions of plate cooler available – precooler, deep cooler and ecombi – and each version is available in different sizes. With this capacity range you can find the plate cooler that specifically meets your cooling needs. DeLaval plate cooler P30 uses well or tap water and pre-cools the milk to 2 - 4 °C above the water temperature prior to final cooling and storage in the cooling tank.



Precooler
In the pre-cooler configuration, the plate cooler works as a contra-flow system, with milk passing through the plates once.



Deep cooler
In the deep cooler configuration, milk passes by the cooling plates twice, improving the efficiency of the cooling process.



Ecombi
In the ecombi version, milk is cooled to approx. +4 °C in two stages. Stage 1 (precooling) is carried out with tap water and stage 2 (final cooling) with chilled water. The ecombi version is intended for use in an instant cooling plant.

Service

DeLaval plate cooler P30, with the new gasket design, is user friendly and easy to service. The gaskets require no adhesive and exchanging them is straightforward.