



**ENERGY  
EFFICIENT MILK  
COOLING**



Pipe Cooler



**Pre-cooling the milk stabilizes the bacteriological level immediately. In addition, you can save on costs: there is up to 50% less energy consumption.**

#### Advantages

- Cools efficiently due to extremely large heat exchange surface
- Lifelong warranty
- Easy to clean
- Low pressure drop
- Suitable for all milk quantities and robot milking
- No milk blending risk
- Short payback period
- Easy to assemble
- No maintenance needed

Approved drinking water for cattle can be used as cooling water. This means your animals benefit from the pipe cooler as well! They will most definitely appreciate the lukewarm drinking water.

## MILK COOLING: THE SOONER THE BETTER!

A PIPE COOLER COOLS THE MILK BEFORE IT REACHES THE MILK COOLING TANK. HEAT OF THE MILK IS BEING REMOVED DUE TO COLD WATER FLOWING IN OPPOSITE DIRECTION OF THE WARM MILK. THE PIPE COOLER REDUCES THE IN-TANK COOLING LOAD AND THE ENERGY REQUIRED RESULTING IN SIGNIFICANT SAVINGS ON THE OVERALL MILK COOLING PROCESS.

#### Technical specifications

- Material pipe: Stainless Steel AISI 316
- Length: 160 cm
- Diameter: 14 cm
- Weight: 30 KG

#### Connections

- Milk connection: 40 mm/50 mm
- Water connection: 1"
- Max. pressure: 16 Bar
- Max. temperature: 250 °C
- Milk capacity: max. 4.000 liter per hour



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