

## MILK COOLING SOLUTIONS

# Efficient cooling is essential to preserve & protect your most valuable asset

Dairy farmers everywhere are required to meet minimum cooling standards that typically fall within the following range:

- 10°C (50°F) or below within four hours of the start of milking
- 6°C (42.8°F) or below within, around six hours of the start of milking or, two hours of completion
- Be held at or below 6°C (42.8°F) without freezing until collection.

If milk is above the minimum required standard, your milk processor may elect not to collect it, leaving you with the costly issue of disposal.

Cooling milk accounts for up to 30% of the total energy costs of the dairy parlour. It is essential to choose a cooling option that minimizes this cost yet still preserves the value of your milk.



*Improve your milking performance and productivity with our Milk Cooling Solutions and **grow the value of your dairy***



# Solutions to exceed Milk Cooling regulations and maximise your returns.

Refrigeration is a key element in ensuring your milk is cooled and stored at the correct temperature and Waikato Milking Systems has a range of products and solutions for every size of dairy. Tailor made solutions can be sized and priced specifically to meet your own farm's budget and needs, while providing peace of mind your milk is cooled quickly.



**Ice Bank solutions are ideal for herds of up to 600 cows but can also be sized for larger numbers.**

- ▶ Small footprint easily installed on the majority of farms
- ▶ Ice made between milkings avoids an undue load on power supply
- ▶ Minimum water requirement, ideal for farms with a limited water supply



**Water chilling is suitable for all dairy farms.**

- ▶ Suited to all sized farms
- ▶ Operates between milkings so minimum or no impact on electricity supply
- ▶ A Water Chiller can be fitted to existing storage tanks on farm



**Glycol Snap Chilling is ideal for large, continuous 24/7 operations.**

- ▶ Standard or Variable speed compressor
- ▶ Power savings of up to 40% on the variable speed compressors
- ▶ Reliably & efficiently chills milk to 4°- 6°C (42.8°F) before it enters the milk vat
- ▶ Low milk entry temperature



**Milk vat chilling is a cost effective option for farms whose milk is collected every other day.**

- ▶ Ideal for upgrades to existing units on the farm milk vat
- ▶ Enables efficient chilling of milk in the vat meeting industry standard cooling regulations

**CONTACT YOUR LOCAL DEALER TODAY**

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