

Ice Integrated Bulk Milk Cooler

This milk chilling system has an in-built cooling backup and eliminates the need of a diesel generator for any location that has 10 hours of grid power availability any time of the day.

It provides up to 4 times faster cooling than traditional milk coolers to achieve 10 °C, resulting in better milk quality and increased shelf life. Ice based cooling ensures that milk never freezes even when milk is below the agitator level.

The system design is based on ISO 5708 manufacturing standards. The entire system is automatic and doesn't require any user intervention.

The system is ideal for small dairies and milk collection centres having 100 to 500 L/day of milk production.



Features

UNINTERRUPTED COOLING

1 day of cooling autonomy during grid outages

FAST COOLING RATES

Patented cooling technology achieves cold temperatures faster than ISO 5708 Class 2All Standards

3°C MILK TEMPERATURE

Reduces bacteria count & improves milk quality

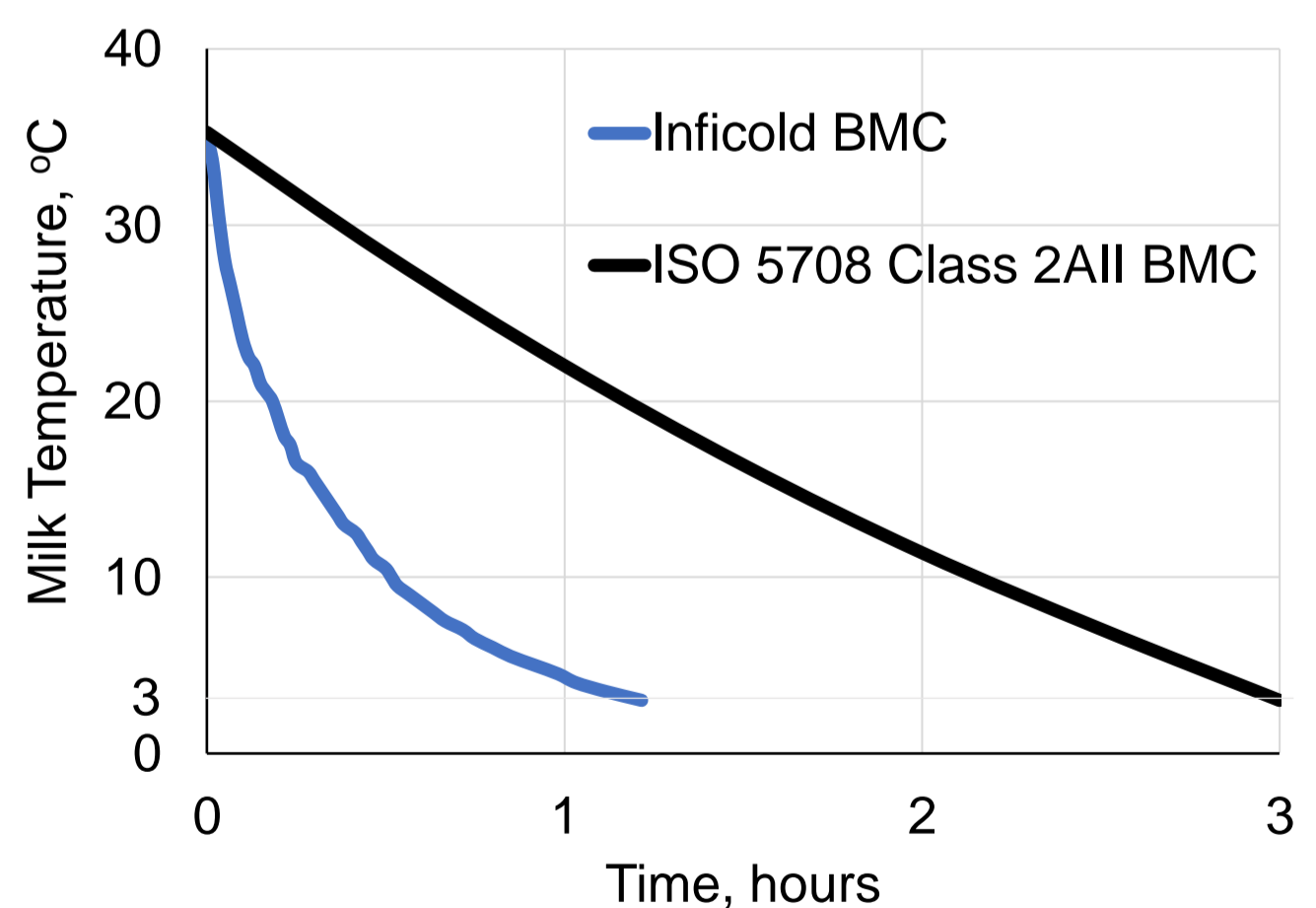
NO MILK FREEZING

No chances of milk freezing even with lower milk capacities

Specifications

Description	250 L BMC	500 L BMC
Gross capacity of milk tank	275 L	550 L
Rated daily cooling capacity	250 L/day	500 L/day
Manufacturing standard	ISO 5708 Class 2All	
Cooling backup capacity from 35 °C to 3 °C (no grid)	200 L	400 L
Cooling backup capacity from 35 °C to 6 °C (no grid)	250 L	500 L
Power requirement	1 kVA	2 kVA
Refrigerant	R134a	

Cooling Performance



Notes:

1. Data shown in the brochure is based on cooling of 125 L milk from 35 °C to 3 °C in 250 L BMC with thermal storage fully charged and no grid electricity available