

# 200L 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 200 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

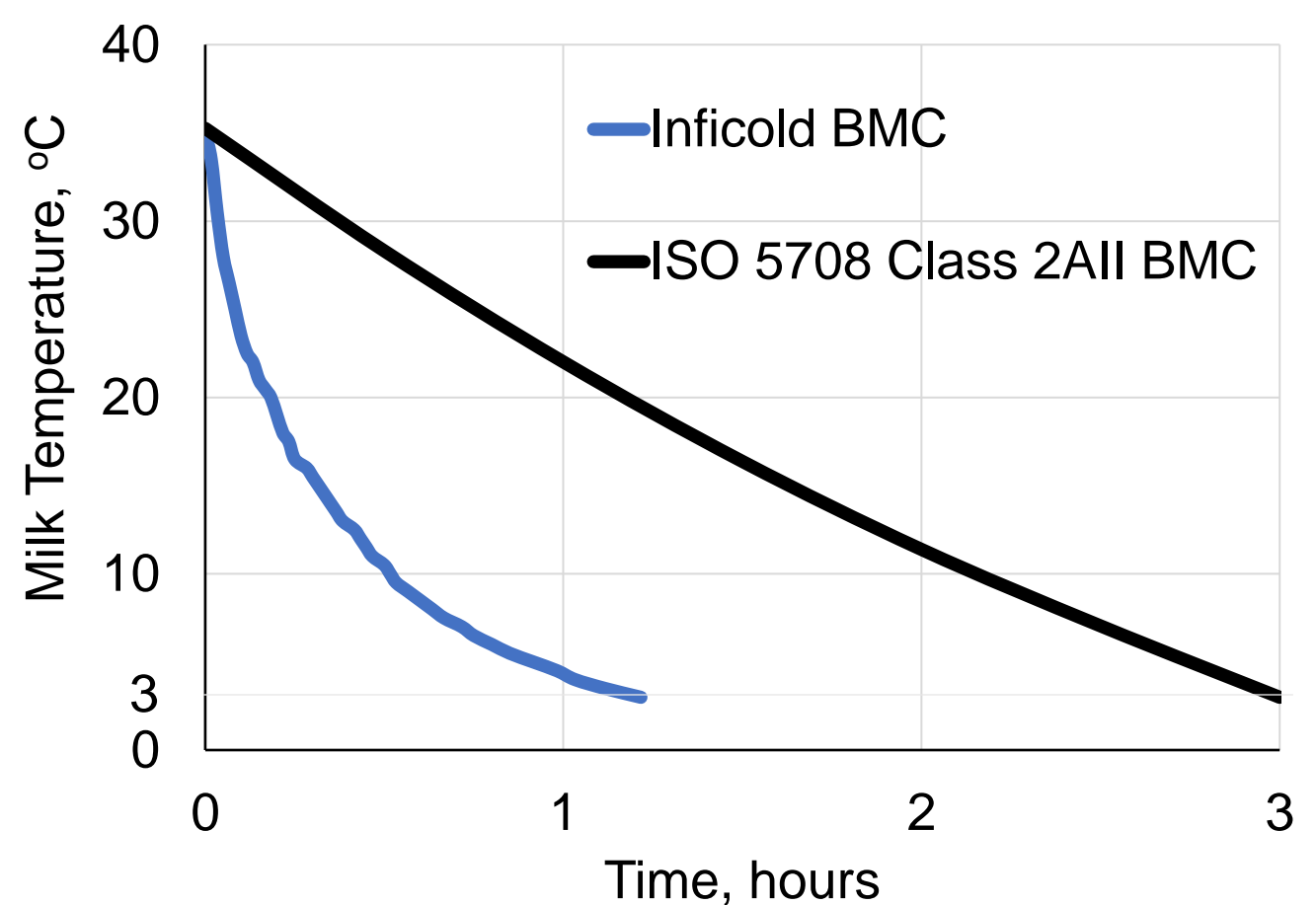
### NO MILK FREEZING

No chances of milk freezing even with lower milk capacities

## Specifications

Description	Values
Gross capacity of milk tank	220 L
Rated daily cooling capacity	200 L/day
Manufacturing standard	ISO 5708 Class 2All
Cooling backup capacity (no grid availability)	160 L from 35 °C to 3 °C 200 L from 35 °C to 6 °C
Power requirement	1 kVA
Refrigerant	R134a

## Cooling Performance



### Notes:

- Data shown in the brochure is based on cooling of 100 L milk from 35 °C to 3 °C in 200 L BMC with thermal storage fully charged and no grid electricity available