

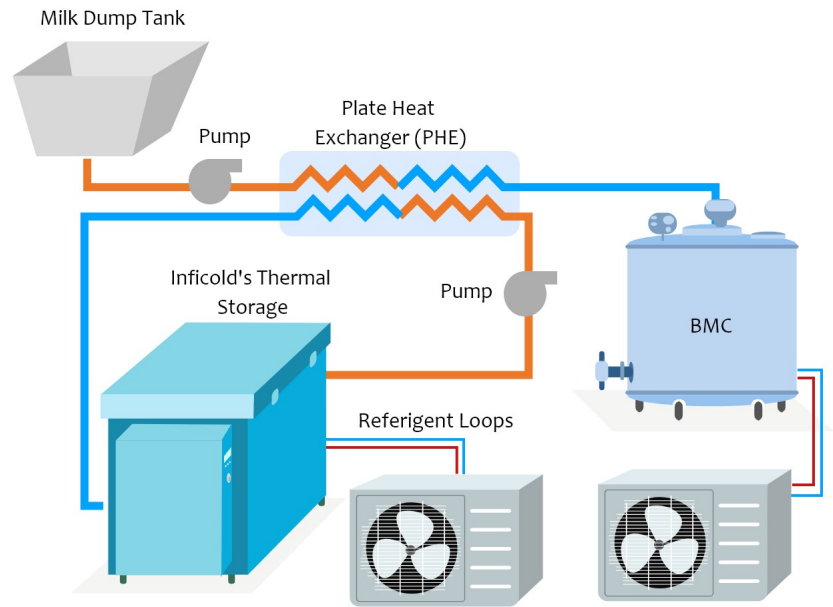


Instant Milk Chiller

Instant milk chiller (IMC) reduces milk temperature instantly avoiding milk quality deterioration and bacterial growth. IMC can retrofit to an existing BMC

Simultaneous cooling provided via IMC & BMC

- In first pass milk flows through PHE & its temperature falls below 7 °C¹ instantly
- BMC further cools to 4 °C and maintains it



Features



Capacity Enhancer

Cool more milk with existing BMC



Low Grid Constraints

No need of 3-Ph connection or increased sanctioned load



Minimize DG² Usage

70% lower compressor runtime during cooling. Cool 1000L milk to 7 °C without grid & DG



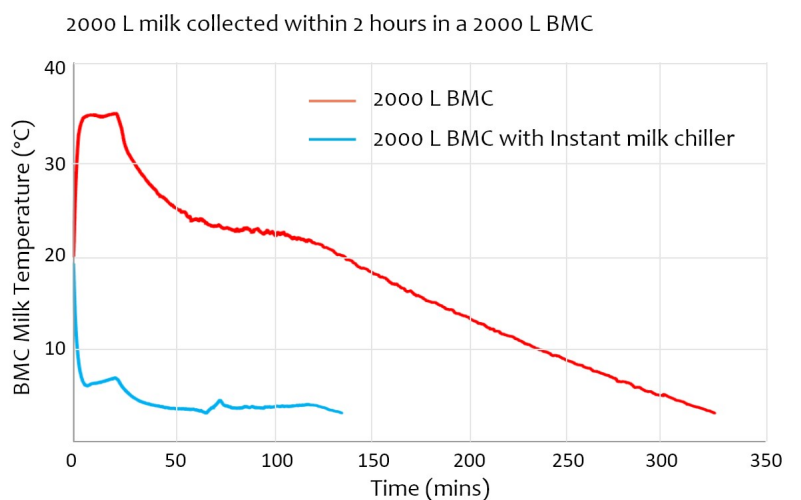
Retrofittable

Integrates to existing BMC
Low Capex required

Specifications

Footprint (excl. BMC & CDU area)	30 sq ft
BMC capacity	up to 3000 L
Max milk flow rates	up to 1500 L/hr
Cooling backup capacity	1000 L
IMC charging time	6-8 hrs
Refrigerant	R404A / R22
Power supply	1-Ph / 3-Ph
Remote monitoring	Optional

Cooling Performance



Notes:

- Depends on milk flow rate & milk quantity, etc.
- DG - Diesel Generator