

→ To preserve the quality of milk in remote rural areas

The practical, economic solution for:

- Cooling milk in cans as close as possible to the production site
- Transporting the milk safely to a collection centre or factory



SYSTEM DESIGNED FOR SMALL-SCALE FARMERS

Milk cooled as soon as possible → **QUALITY MAINTAINED**
Without changing the collection organisation!

EFFICIENT

- Cools small quantities of milk rapidly, close to production sites
- **The temperature of the milk is lowered to 8°C in 1 hr 30**

SAFE

- The cooled milk can then be transported safely, just once a day, to a collection centre or factory

UNIVERSAL

- Enables milk from cows, buffalos, goats, camels, etc. to be stored separately.

ECONOMICAL

- Through the accumulation of ice, there is no need for expensive generators to compensate for power cuts
- **5 to 6 hours' power supply is sufficient to produce the ice required to cool the milk from 1 milking session (4 cans)**
- **Once the ice reserve is built up, the MCC cools the milk autonomously even without electricity**

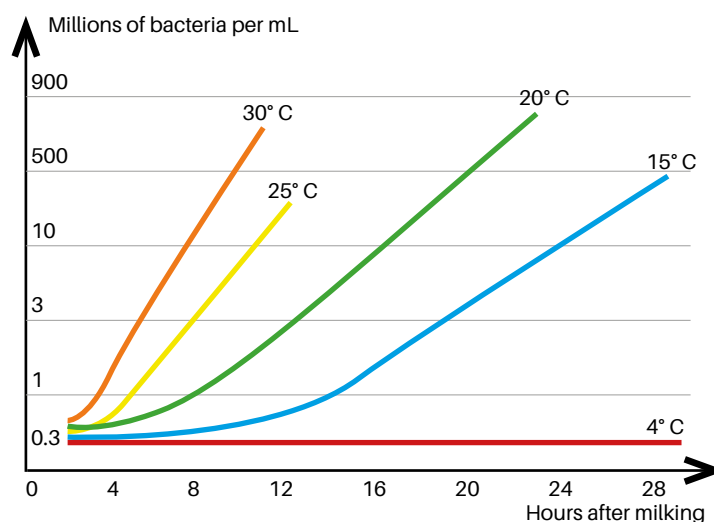
PRACTICAL

- A robust monoblock unit that is easy to transport, install and activate (plug and play)

FLEXIBLE

- Can be powered by the electricity grid, solar panels or a combination of both.

Because early cooling is the only way to slow down the development of milk flora.



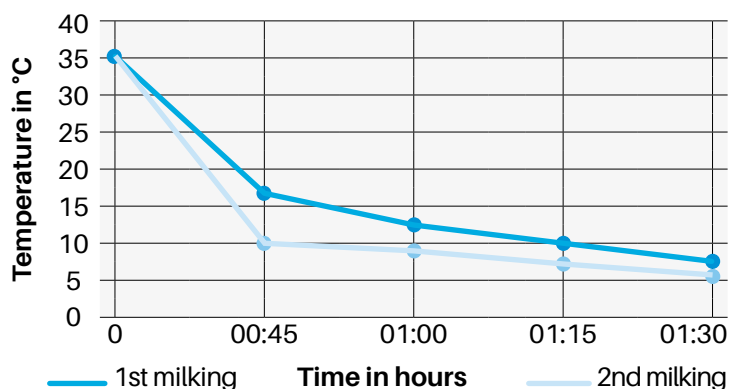
CHARACTERISTICS

- Holds up to **8 30L or 40L cans**
- Reinforced plastic reservoir that is **light and robust**
- **High density insulation** in polyurethane foam
- Airtight cover ensuring **a constant temperature** and **hygiene**
- High performance refrigeration unit
- **Specific agitator** for the water, which is simple and robust
- Outlet valve for **easy water removal**
- Maintenance-free
- **Plug and play**: easy to install, no specific cost

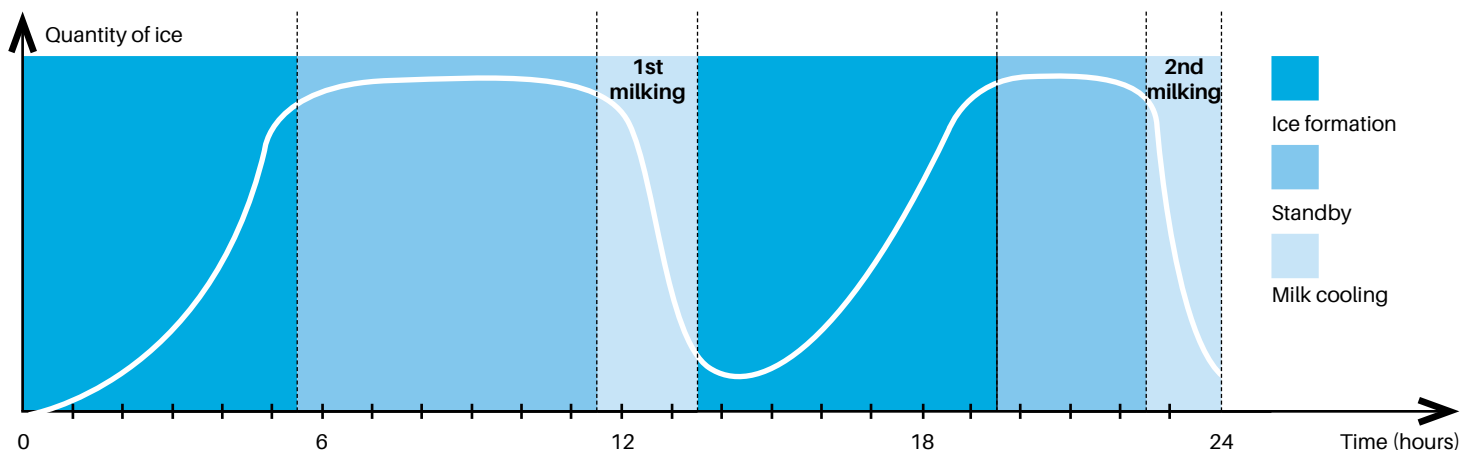
Measurements

Length	2230 mm
Depth	1234 mm
Height	935 mm

MILK COOLING CURVE



ICE ACCUMULATION AND MELTING CYCLE



POWER SUPPLY: 3 OPTIONS



- 5 to 6 hours' power supply is enough to accumulate the ice required to cool the milk from one milking session (4 cans)
- The ice acts as an energy storer, available at all times
- **No need for a diesel generator**
- **Simple, economical, long-lasting**