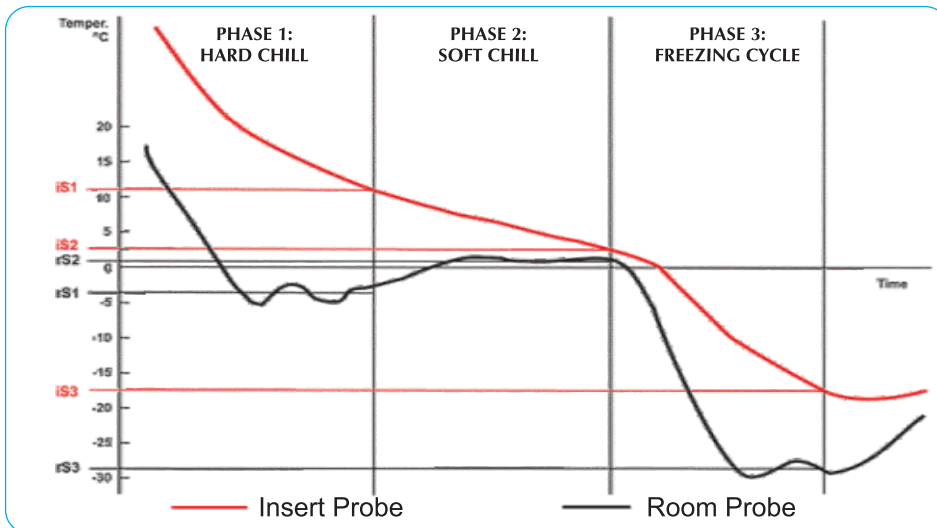# XW 20 / 60 K + V-KIT
(Cold Room Controller)

- V-KIT: A wall/panel mount housing kit with vertical format keyboard for remote connection to XW20K and XW 60K Series refrigeration controllers.
- Designed for cold and freezer room applications.
- Connections between controller and V-KIT requires 2 wire electric cable (max. up to 100 m).
- IP55 against water sprinkles.
- Standard communication protocol ModBUS-RTU.
- Hot key or Prog tool kit connector for a quick and easy programming.

XB570L
(Blast Freezer Controller)

- Design to comply with the rules concerning preparation and chilling of foodstuffs (HACCP)
- Four configurable cycles: pre-set according to the most common food – safety applications: soft chill, hard chill and freezing.
- Output for remote display to monitor the core temperature of goods.
- Internal real time clock.
- Printer output (XB07PR) for temperature and blast chiller cycles reports.
- All different phases monitorated and shown on the display.
- Ultra violet sterilization cycle management.
- Standard communication protocol ModBUS-RTU.

Each cycle (Cy1, Cy2, Cy3 and Cy4) can be programmed with three different phases according to the food type.

- **First phase: hard chill**
Limits bacteria reproduction during the initial phase (from high temperature down to 2 °C). During "Hard Chill", both compressor and fan are always "on" until the end cycle temperature is reached.
- **Soft chill phase**
Reduces the variation between the surface and core temperatures of the product. During "Soft Chill" the temperature of the room is regulated by the ambient probe: compressor is cycled to maintain a particular air temperature.
- **Freezing cycle phase**
Freezes the product in the shortest possible time. During the "Freezing Cycle" both compressor and fan are always on until the end temperature is reached.
- **Holding phase**
The holding phase maintains the final temperature reached by the chilling cycle.

PHASE 1: HARD CHILL — PHASE 2: SOFT CHILL — PHASE 3: FREEZING CYCLE

Insert Probe — Room Probe

LINE DIAGRAM