

Container Cooler

Descon Coolers use the latest in thermodynamic technology to reduce core temperature of hot-filled products. We have developed a thermal process that uses gentle cooling without affecting product taste and color.

Our conveying systems move product through the cooler in an upright position. All Descon products are constructed with clean machine design to limit the chance of contamination and ensure your product is of the highest quality!

MAIN BENEFITS

- Stainless steel housing and pumps with dual mesh filtration
- Dynamic transfer DTS conveyors
- Easy-to-navigate graphical operator interface
- Observation windows, marine lighting
- Evaporative cooling tower package for maximum water savings
- Closed-loop external evaporative cooling tower and heat exchanger systems



DESIGN FEATURES

- Closed loop PID temperature control
- Non-clogging nozzles with stainless steel distribution piping
- Evaporative cooling tower package for maximum utility savings
- High percentage residual water removal at discharge
- Automatic fresh water make-up systems
- Cooling of all products in glass bottle, PET containers and cans

CLEAN DESIGN PRINCIPLES

- Smooth side walls and sloped floors facilitate easy cleaning
- Continuous Clean-In-Place distributes water on interior surfaces to avoid algae growth
- Boil-Out systems
- Large access doors for easy access
- Chemical dosing systems for water treatment
- Rotary spray Clean-In-Place (optional)

CONTAINER HANDLING

- Polypropylene modular belt main bed
- Stainless steel chevron pattern carryway ensures long life and even wear
- Stainless steel drive and idler shafts
- Integrated dynamic transfer conveyors
- Frequency control of all conveyor motors
- Stepped infeed rail design ensures fully populated main belt
- Integrated infeed and discharge container conveyance systems