



# OPTIMISING COOLING COSTS AND ENERGY USE IN DAIRY INDUSTRY

Cooling milk accounts for most of the energy consumption in the dairy industry. The industry heavily relies on refrigeration and storage systems to maintain the quality of the milk and eliminate bacterial growth. Deployed in dairy processing systems, Evaporative Condenser (EVC) presents opportunities for cost savings and process improvement.

## Benefits



Water  
savings



Reduced energy  
consumption



Minimal effortless  
maintenance



Faster on-site  
installation

## Our solution finds application in

- Pasteurizer
- Bulk Milk Chiller
- Ice Bank Tank (IBT)
- Cold Room
- Deep Freezer
- Deep Chiller
- Milk cooler

## Our offering for the industry



### **Evaporative condenser**

Product Capacity:  
50 TR and above

## Why Thermax's Solutions?

- Retrofit & Replacement - Easy to integrate into existing system
- Compatible with all types of refrigeration compressors (reciprocating, screw, scroll, rotary and centrifugal)
- Mixed and counter flow technologies available
- Hassle free, factory assembled plug & play installations
- Longer coil life due to better corrosion resistance
- Minimal water loss due to 0.0005% drift rate

