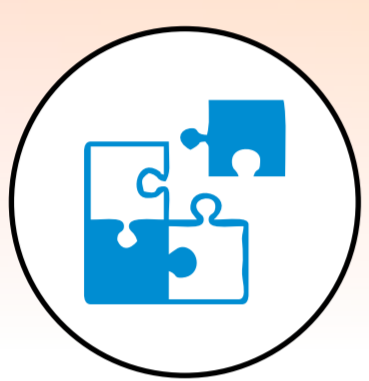


Energy efficient and sustainable heating and cooling solutions for the dairy industry

Concentrated Solar Thermal

Solar power is an inexhaustible, free source of energy, and in India, we receive plentiful solar radiation. We help you save with solar.

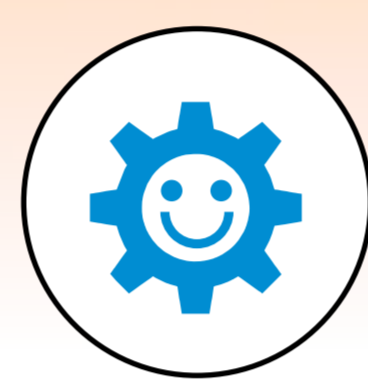
HMX's innovative systems based on Concentrated Solar Thermal (CST) that can provide process heat for various industrial and commercial applications.



Customised to the application



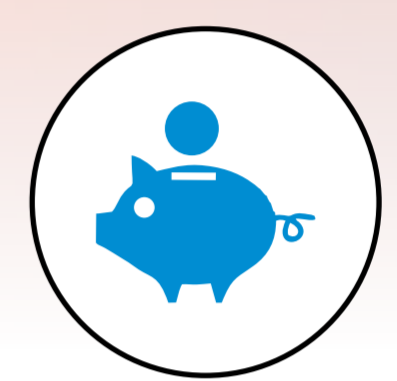
Attractive payback



No special skills required for operation



In-built safety features



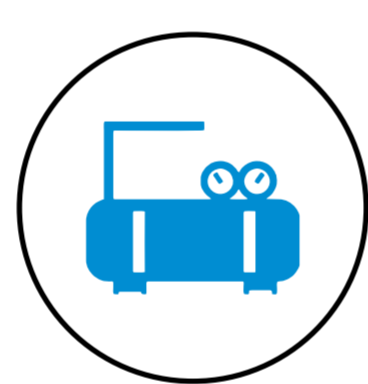
Low maintenance costs

We are also an accredited MNRE channel partner for off grid and decentralised solar applications.

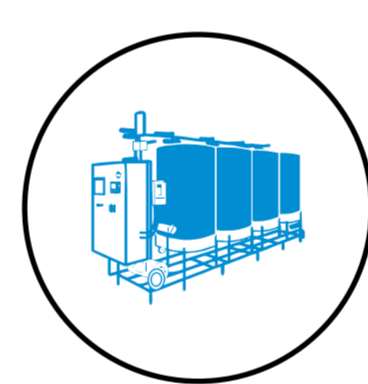
Our solutions have proven to be beneficial for various applications in dairies. The steam applications are met by A.T.E.'s own design and build Solar Parabolic Dishes (PD) which can deliver steam up to 4 bar pressure. The hot water applications are met by well-proven Compound Parabolic Collector (CPC) which can deliver hot water up to 95°C. These include:



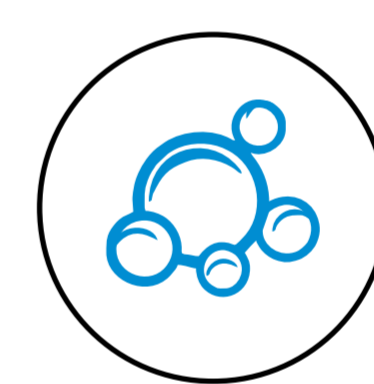
Milk pasteurisation



Boiler feed water



CIP



Crate washing

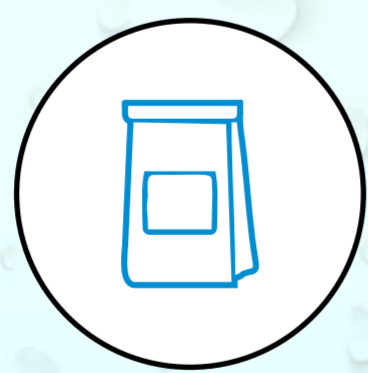
Indirect Evaporative Cooling

HMX has been providing cooling solutions for both people and processes across the globe for over 20 years. Using 100% fresh air based Indirect Evaporative Cooling at the core of its projects, HMX's solutions have been instrumental not only in improving productivity of people but also in reducing operational expenses.

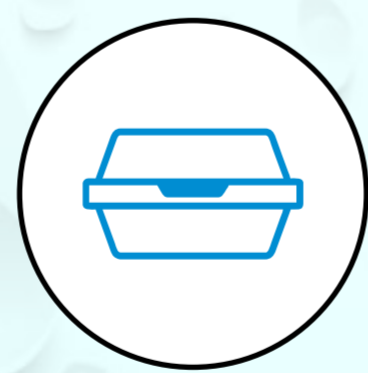
Our cooling solutions have improved the process efficiency in



Butter packing area



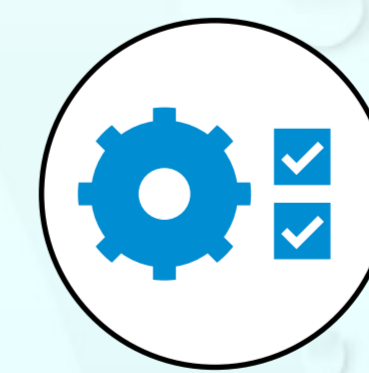
Lassi and buttermilk pouch packing area



Paneer production area



Packing and storage area – fruit pulp

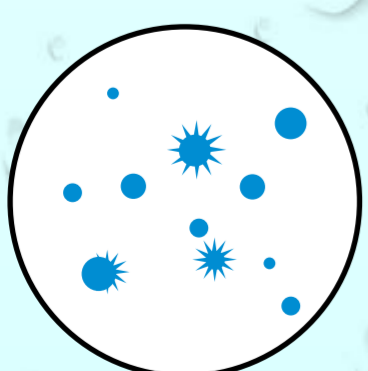


Control room cooling



Ghee storage area

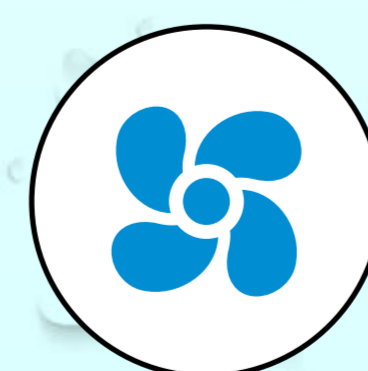
Our cooling solutions not only provide 100% fresh-clean-cool air but also



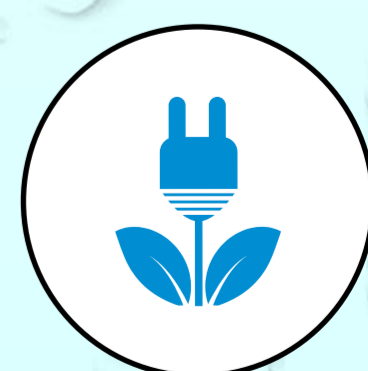
Drive out harmful bacteria and viruses



Maintain healthy indoor air quality



Provide optimum cooling



Save on energy costs

Some of our customers:



राष्ट्रीय डेरी विकास बोर्ड
NATIONAL DAIRY DEVELOPMENT BOARD