

efficiency in food and energy processes.

Solutions and more for the food and beverage sector

Air Coolers beyond the standards

With its sector- and even application-dedicated solutions, GEA satisfies requirements placed on refrigeration systems that cannot – or cannot sufficiently – be satisfied by standard products. These systems are typically designed with employment of standard components that are upgraded to customized solutions by sophisticated choice of parameters and by air routing and enclosure structures matched to individual applications.

Special air coolers for special areas of application

GEA examples here are Goedhart Air Coolers for industrial applications (see photo), as well as stainless-steel models for enhanced corrosion protection. Also available are air coolers with low-silhouette design, as extensively used for example in fruit storage. In such facilities, good ventilation with only slight temperature differences is required, with relative humidity matched at the same time to the goods being stored. Fitted with quiet and energy-efficient EC motors, these low-silhouette air coolers also consume little power.

Special solutions for the meat industry

The Goedhart AU Range was developed for slaughterhouses. These coolers, designed for installation above the slaughter lines, direct their streams of cooling air directly to the products hanging below. This ensures great cooling effect with low consumption of power – and contributes to meat production with a minimum of microbe contamination.

More efficient use of cold-storage space

Raffel coolers with insulated enclosures for installation outside the cold room enable optimal utilization of the available space in cold-storage rooms. These units feature air dampers that close during the defrost cycle. This function not only assures efficient defrosting, but also prevents the entry of heat into the cold-storage rooms. These coolers likewise make it simple to locate refrigeration piping systems and condensate drainage outside the cold-storage rooms. This increases usable space and enhances access to refrigeration systems for maintenance.

efficiency in food and energy processes.



Photo: Goedhart_PLKs5fans-special_circuit.jpg

For special requirements that standard solutions cannot satisfy, GEA provides solutions with individually designed systems – such as this air cooler for industrial employment.