



CONTEXT

Customer : BABOLAT

Sector of activity :
Industrial drying of sensitive materials

Location : Ploërmel

Year : 2025

Installed equipment :
EKO.E BS A IP/ST/HR/EC/II 121SE

Description of the equipment :
R290 propane refrigeration unit
*Air cooling
*Heat recovery
*VFD on compressor

Total capacity :
27KW | 4°C/8°C @+35°C

THE CUSTOMER

Babolat, a pioneer in natural gut strings since 1875, relies on unique expertise in the processing and stabilization of fibers used for high-performance tennis strings. As part of this commitment to quality, precision, and responsible innovation, the use of CTA's cooling unit operating with the natural refrigerant R290 fully aligns with Babolat's philosophy, combining technical performance with controlled environmental impact.

The industrial process includes a critical stage: controlled drying of the gut. After cleaning, cutting, and aligning the fibers, they are stretched and then placed in drying tunnels, where temperature, humidity, and airflow are precisely regulated.

Thanks to our equipment, capable of producing both cooling and heating, the process temperature is stabilized with high accuracy throughout each phase. This progressive drying process removes moisture without weakening the material and ensures the mechanical stability required to produce strings offering the elasticity, strength, and comfort that have built Babolat's international reputation.

