



## CONTEXT

**Customer :** Brindélices

**Sector of activity :**  
AGRI-FOOD

**Location :** Chambly

**Year :** 2019

**Equipment installed :**  
RKO.E V/MT-I/HR/ST/AS 3202 V

**Description of the equipment :**  
Propane R290 chiller  
Air cooling  
\*Total Heat Recovery  
\*VFD on compressors

**Total cooling capacity :**  
408 kW | -7°C/-3°C @+35°C  
MPG33%

**Total hot capacity :**  
HR Total : 532 kW | 40°C/45°C

## THE CUSTOMER

Brindélices uses a propane R290 chiller, a natural refrigerant that ensures both energy performance and environmental responsibility. Its 5,000 m<sup>2</sup> production facility in Picardy benefits from air cooling and fully optimized heat recovery.

With a cooling capacity of 408 kW (-7°C/-3°C), Brindélices guarantees optimal preservation of its products throughout the entire process. Additionally, the heat released (532 kW at 40°C/45°C) is reused for internal thermal needs, thereby reducing energy costs.

The compressors are equipped with variable frequency drives (VFD), allowing power adjustment based on actual demand and optimizing electricity consumption. This system reflects Brindélices' commitment to quality and sustainable development.

