



Propane chiller

CONTEXT

Customer : Simonegatto

Sector of activity :

Cold juice extraction

Location : Italy

Year : 2017

Equipment installed :
EKO.E-B/LT/SP 401S

Description of the equipment :

Propane R290 chiller

Air cooling

Total capacity :

50kW | -29°C/-32°C @+35°C

THE CUSTOMER

Simonegatto is a producer of 100% natural juices and essential oils from citrus fruits (lemons, oranges, mandarins and bergamots).

The plant's processing capacity is 50 tons of fruit per hour, obtained by operating 5 parallel processing lines.

The finished products are fruit juices sent to the food industry (beverages and ice cream).

Semi-finished products are essential oils used in the cosmetics and food industries as base materials for the creation of fragrances, flavors and beverages.

The R290 AHU provided ONE solution for TWO applications

Applications :

1/ Production of glycol water 55% at -32°C for essential oil extraction essential oils.

2 / Production of chilled water at 5°C for temperature-controlled storage of finished products during phases without cold juice extraction.

For further information, please contact CTA directly.

CTA EQUIPMENT

- EKO.E-B/LT/SP 401S

