

CO₂ cooling and freezing for logistics centre



YEAR: 2021

MODEL: 2 x C-1000

APPLICATION: Cooling and freezing application with heat recovery

CAPACITY (KW): 100 kW freezing DX -32°C,
800 kW cooling (30% glycol) -2/-6°C and 800 kW cooling 10/5°C

THE CASE

Liertoppen is an 18,500 m³ logistics centre for Oda in Oslo, which is the largest online food distributor in Norway. In collaboration with Therma Industri A/S, Fenagy has provided a cooling and freezing application to the storage and packing area at the distribution centre.

THE UNITS

Fenagy has delivered two chiller units and a freezing unit. One of the chiller units provides 800 kW glycol at -2/-6°C, and the other is providing 800 kW chilled water at 10/5°C. Both units are installed with a heat recovery system.

The freezing unit is connected to the glycol chiller, providing 100 kW freezing capacity at -32°C evaporator temperature. The installation is controlled by FenControl ensuring a stable and efficient control and monitoring of the installation.

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