



Project 12613
Glycol Chilling system 2019.
Due to Closing production facility
Brand new only running commission hours.



Description :

3 brand new Trane Chillers Syntesis RTAC450. Design Capacity 815 kW Glycol entry : -2 °C
Glycol out: -8 °C . Refrigerant R134A- 4 circuits – 4 compressors- VSD controlled Compressor and Fans. Size of 1 chiller: 13510 x 2200 x 2526 mm. Weight : 10170 kg

Basic the equipment is brand new, only commissioning hours, the Chillers are suited with heat recovery option providing defrosting of the coolers.

Short description of the plant:



Pumps:

- 4 VSD chiller circulation (3 in operation -1 standby)
- 4 VSD cooler circulation (3 in operation – 1 standby)
- 2 Circulation pumps for Defrosting operation
- 2 Pumps for heat recovery



RM Support BV

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The glycol system has on the cold side a buffer tank of 5000 Ltr. The circulation is done by 4 VSD controlled Circulation pumps (3 in operation and 1 standby).

The circulation of the coolers is done by 4 pumps (3 in operation and 1 standby)

On the hot side is a buffer tank installed of 3000 Ltr. Furthermore 2 pumps are installed for heat recovery and two more which operate during defrosting.

The installed coolers:



- 28 pc Lu-VE CS80W 3712 N6
- 2 pc Lu-VE CD63H Dual dish coolers
- 4 pc Cooler Dual panels
- 1 Chiller control panel

Some information regarding the design project:

Room 1: 5465 M2, temperature: 8-10°C by 12 x Lu-VE CS80W 3712 N6

Room 2: 3140 m2 , temperature : 2-4 °C by 8 x Lu-VE CS80W 3712 N6

Room 3: 2938 m2, temperature : 2-4 °C by 8 x Lu-VE CS80W 3712 N6

Room 4: 700 m2, temperature : 2-4 °C by Lu-VE CD63H Dual dish coolers

State :

The complete plant is already dismantled and ready to be loaded.



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