



Zeus – R134a Centrifugal Compressors

CONTEXT

Customer Auhof Center
Sector of activity
Shopping center - ERP
Located Vienne (Austria)
Year 2018

Equipment installed
ZEUS W-S 760-C-1C-2B-22H

Description of the equipment
Propane R290 water-cooled
chiller

Total capacity
720kW | +12°C/+7°C @+40°C/+45°C

THE CUSTOMER

The Auhof Center shopping centre, located on the outskirts of Vienna in Austria, has opted for the CTA Group's latest energy-efficiency technology with a water-cooled chiller powered by oil-free centrifugal compressors.

This new product line, fully mastered by CTA, offers optimised energy performance, reduced gas loads and an ultra-limited footprint.

In fact, for this application we are producing 720 kW of cooling capacity, on a chassis measuring 2.3 m x 1.5 m, and 101 kg of refrigerant gas. At 100% full load, the unit produces an EER efficiency of 5.5, rising to 9.8 in EER and 10.5 in IPLV.

This high-efficiency solution is the future of air handling units.

For more information, please contact CTA directly.

CTA EQUIPMENT

- ZEUS W-S 760-C-1C-2B-22H

