



SUCCESS STORY
Industrial Cooling



SECTOR
Transport



CITY OF COPENHAGEN

R290 chiller



CONTEXT

Customer Metropole Copenhagen
Sector of activity
Transport
Location Copenhagen (Danemark)
Year 2016

Equipment installed
PRIMA.W/ 018
PRIMA.W/ 038
RKO.W/502S

Description of the equipment
Propane R290 chiller
Water cooling

Total capacity
22kW | 19°C/14°C @+35°C
45kW | 19°C/14°C @+35°C
121kW | 19°C/14°C @+35°C



THE CUSTOMER

The city of Copenhagen and its metropolitan area called on CTA's expertise through a design office to cool the electrical transformers in their new transport network. These electrical transformers are entirely buried at the level of the train/metro lines and cannot be cooled by an air-cooled condensing unit.

Looking for a solution with high energy efficiency and a zero ecological footprint to meet its environmental requirements, the Copenhagen metropolitan authority chose our proposal thanks to our innovative and safe solutions. The unique solutions proposed by CTA (R290 water-cooled chillers with ATEX components) ensured an optimum level of safety.

Each chiller is fitted with an ATEX fan, which allows the refrigerant to be extracted in the event of a leak, thus ensuring safe operation.

For more information, please contact CTA directly

