

REFERENCES

Energy recovery from waste water

Customer

SPAR Österreichische Warenhandels AG



Project

The water in the Almkanal (built in the 12th century) is used for recooling the heat from the 2 food stores SPAR in the old monument protected city of Salzburg (Universitätsplatz and Mozarthaus)



Cost

Heat exchangers installed in the Almkanal with underlying wooden panels

€ 168'000

History

Planning

Fall 2011

Installation

Juni 23 - July 2, 2012

Operation starting

Juli 2, 2012

PROJECT AND ENERGY DATA

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|----------------------------|----------|---|
| • Waterflow | 200 l/s | The 2 SPAR food markets in the monument protected old city of Salzburg did not have another chance for recooling than the water in the Almkanal and the Rabtherm System. The Almkanal is central and wertern Europe`s oldest water and energy system. |
| • Length of heat exchanger | 18m + 8m | |
| • Recooling performance | 111kW | |

PROJECT SPECIALITIES

- first plant built into a monument protected channel
- recooling only
- Anti-fouling-System



Almkanal before installing the Rabtherm System



Installation of wooden panels



Finished recooling plant with heat exchangers and piping

OUR ENGINEERING SERVICES

- Planning
- Project
- Coordination and installation control
- Quality control