

IFAT-Exkursion
to Klinikum
rechts der Isar
June 2, 2016

**Heat recovery from the
wastewater of the
hospital's central sterile
services dept**

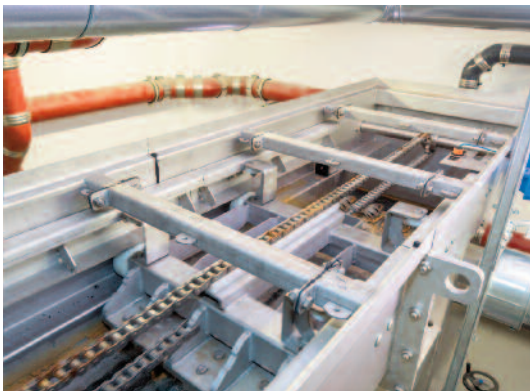
A dynamic splash of clear blue water with bubbles, positioned in the lower right quadrant of the page, partially overlapping the text.

Energy saving made by HUBER

The Rechts der Isar Hospital of the Technical University of Munich is an internationally prestigious centre of high performance medicine. About 5,000 employees dedicate themselves to the care of sick, research and science. With more than 30 clinics and departments and about 1,100 beds the hospital is a house of supramaximal care which covers the whole spectrum of modern medicine.

To be able to meet the highest hygiene standards the hospital runs a central sterile supply department (ZSVA), certified to DIN EN ISO 13485 and DIN EN ISO 9001 standards, where surgical instruments are collected after operations, washed, disinfected and packed until the next use. The instruments are treated in autoclaves which produce hot water that is pumped off after the washing process. The generated wastewater has a mixing temperature of 50-70 °C and thus possesses an enormous energy potential.

The water is collected in the basement of the building and cooled there in a HUBER Heat



Cleaning system of the HUBER Heat Exchanger RoWin

Exchanger RoWin. The recovered energy is transferred directly into the feed line to the autoclaves. A continuous output of approx. 60 kW can be recovered this way.

With this technical solution HUBER substantially contributes to energy and CO₂ saving in the Klinikum rechts der Isar.

Convincing advantages

- Low primary energy consumption
- CO₂ savings due to the use of regenerative energy
- Fully integrated into the hospital's technical building systems
- Totally enclosed, no odour nuisance
- Automatically self-cleaning



HUBER Heat Exchanger RoWin at Klinikum rechts der Isar

Program of June 2, 2016

- 09:30 Meeting point at the stand
- 10:30 Arrival at the hospital
- 10:35 Visit to the HUBER plant
- 11:45 Return to IFAT
- 12:45 Arrival at IFAT trade fair centre

Participants are requested to meet at the HUBER stand before departure from Munich. Our ladies at the information desk will help you find the meeting point.

Use the chance to see first-hand an innovative concept for energy and CO₂ saving and get an idea of which potential could be hidden also in your plant!



University hospital Klinikum rechts der Isar



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Register for the excursion to Klinikum r. d. Isar

Fax: 08462/201-88505 or schs@huber.de

- I will participate.
- I will be unable to participate but would appreciate if you offered me another visit date.

Titel, First Name, Second Name

Function

Company / Institution

Street / No.

Post Code / Town / City

E-mail

Place / Date

Signature

The number of participants is limited. Registration will be accepted on a first-in-first-serve basis as received.