



Westin Hotel, Warsaw, Poland

Helping customers achieve their goal

The situation

The luxurious Westin Hotel is located in the heart of the business and financial district of Warsaw, the capital of Poland and the country's largest city.

News of this high-profile, luxury hotel hit the media when the project was still in the early planning stages. The media reported that the developers intended to use one single manufacturer to supply a wide range of advanced technical equipment.

The firm of contractors responsible for building the hotel had previously built up a long-term working relationship with Grundfos. Based on this positive experience, the contractors had no hesitation in selecting Grundfos to supply equipment for heating, air conditioning, water supply and wastewater disposal. This decision was based on Grundfos' ability to supply a wide range of products that meet high technical standards.

Grundfos provided

- Heating: UPS, UPE and LM/CLM pumps
- Booster unit: Hydro 2000 pumping station
- WSWW: Multilift APLD lifting station

The Grundfos solution

Grundfos pumps and controllers were installed in several different systems, in contracts with an overall value of approx. EUR 60,000. The heating installation was equipped with Grundfos UPS and UPE pumps as well as CLM units fitted with Delta controllers. For removing wastewater, a Grundfos Multilift APLD pumping station was installed.

When the Hydro 2000 pressure boosting installation was started up by a Grundfos service engineer, he commented, "Start-up was very smooth and easy. Hydro 2000 keeps the set point according to the performance curve. The customer is very satisfied with the Hydro 2000 option of motor protection and dry-running protection."

The outcome

The pumps were installed at the end of 2002, and no failures have been reported to date. The Grundfos solution has completely lived up to the customer's expectations regarding what the technology is able to do and its energy-efficient operation. These expectations included demands for

- constant pressure in the water supply
- constant difference pressure in the heating installation
- energy savings using electronic speed controllers.

The Grundfos pumps have proved to be more energy-efficient than other products available on the market. "The building is still so new that we don't have any previous data to compare with," says Mr Mariusz Wojciechowski, technical manager at the Westin Hotel. "The hotel was designed with the latest technology in mind, so the consultants were obliged to choose only energy-saving solutions."

The Grundfos area sales supervisor adds, "One of the most important considerations for the operators of an exclusive hotel like the Westin is to provide the best possible services for the guests at all times – and without problems. The hotel simply cannot afford to have any breakdowns or problems associated with heating, air conditioning or water supply." The Grundfos solution has enabled the hotel operators to achieve their goal.



Heating: UPS, UPE pumps



Westin Hotel by night



Heating installation



Multilift APLD lifting station