



## Modern spa resort with a contemporary eco heating system



24.000 m<sup>2</sup> of hotel rooms, SPA, offices, shops and apartments heated by Thermia heat pumps

### **The Strömstad Spa**

Quality Spa & Resort Strömstad is a modern spa resort situated on the west coast of Sweden, only a few minutes away from the Norwegian-Swedish border and a good hour's drive from Oslo in Norway.

Strömstad Spa is a state of the art hotel with 232 rooms and extended SPA services. The spa itself covers 2000 square meters on two floors. It is the only Decléor Flagship Spa in northern Europe and offers most spa treatments and products.



The hotel is located only ten meters from the sea and the harbor and can offer a variety of activities such as sea rafting, boat trips and lobster trapping. Guests may also take a ferry ride to the fantastic national maritime park, Kosterhavet, go cycling on the Koster islands and enjoy a beautiful day on the golf course which is just 45 meters from the hotel.

### All year round comfort from Thermia

The Hotel and SPA is heated by Thermia ground source heat pumps. 18 Robust heat pumps provide heating, cooling and hot water to 24.000 m<sup>2</sup> of hotel rooms, SPA, offices, shops and apartments. The heating system with its contemporary heat pumps which use sea water as a source for heating as well as for cooling was commissioned in 2007 and has a total heating capacity of 715 kW.



#### Characteristics of the building

- Heated floor area: 24.000 m<sup>2</sup>
- Heating, hot water and cooling

#### Renewable heating: seawater and heat pumps

- 13 Thermia Robust 45 kW
- 5 Thermia Robust 26 kW
- 715 kW heating capacity
- brine: 0-5°C degrees in winter, 15-20°C in summer
- heating supply line: 45-60°C heating and 60°C hot water

*‘Our innovative heating system which is designed on heat pumps uses sea water with a temp 0-5°C in the winter and 15-20°C in the summer, that’s enough to have great energy efficiency and a high level of comfort for the property, all year round’*

says Olle Olson,  
technical maintenance manager  
at Strömstad Spa.

## Thermia – heat pump manufacturer with 40 years of experience



With more than over 90 years of history and experience in the energy sector, Thermia Heat Pumps offer renewable energy solutions for any climate, anywhere in the world. All Thermia heat pumps are designed, manufactured and rigorously tested in Sweden where one of the most harshest European climates can be found.

Ever since the beginning, the driving force behind our business has been the philosophy of our founder, Per Anderson: “The products one releases must not only be the best of their time, but before their time, over time”.

At Thermia we are driven by this philosophy and our passion to deliver. For us every day is a new opportunity to create, build and serve a bigger purpose, for a greener and healthier planet, not only for ourselves but for everybody around us. Every challenge is Thermia’s opportunity to make life a little more comfortable for our customers.



### Thermia Heat Pumps

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