



## A heat pump that works in Vassijaure will work anywhere

For almost 20 years, PO Olofsson has heated his properties in Vassijaure in Lapland using geothermal heat pumps from Thermia. The weather can sometimes be extremely stressful for both people and technology.



Vassijaure

Situated around 130 km north of Kiruna is Sweden's northernmost railway station named Vassijaure. Surrounding this railway station is a small village of the same name. Here, local resident PO Olofsson owns three larger properties and a holiday home. Common to all properties is that, year after year, they are heated using heat pumps from Thermia. In addition to geothermal heat, these are probably also Sweden's



PO Olofsson on a snowmobile



“If a heat pump works in Vassijaure then it will work everywhere”



northernmost and highest located air source heat pumps.

#### Four meters of frost

*“I am not going to change to another brand”, he commented. “All of the heat pumps have worked without problems for many years. Some of them eventually needed some maintenance, but that is not at all unusual given the arctic cold they are exposed to. Vassijaure effectively has its very own climate*

### Fact Box

- Property: Hostel, 54 rooms
- Living space: 1,000 m<sup>2</sup>
- City: Vassijaure, Sweden, around 200 km north of the arctic circle
- Type of heat pump: Atlas 18
- Previous heating: Older geothermal heat pump

*zone with four meters of frost and an annual average temperature below zero. There is often at least one meter more snow here than other areas, and the road is closed for around 30 days a year.”*

#### Reseller always available

As I said, PO is satisfied with the Thermia heat pumps but, to tell you the truth, he is perhaps even more satisfied with Thermia’s reseller, Lennart Kruuka at

Energiteknik in Kiruna.

*“He is a fantastic support,” said PO. “He is always available, weekdays and weekends, and if he can’t come himself, he guides me by phone. He is a great support and it would be very difficult to replace him.”*

### **Diplomat replaces Atlas in the largest property**

PO’s three larger properties function as hostels that he rents out on an annual basis to people who are attracted by the fantastic natural surroundings. The three properties are all equipped with geothermal heat pumps. In the largest property of 1,000 square meters, featuring 27 rooms and 54 bedrooms, the time has come to replace the pump. The loyal old Thermia Diplomat 16 will be replaced with an Atlas 18.

*“I think it will all be very good” said PO. “It was the dealer Lennart Kruuka who recommended Atlas and I really trust him.”*

Thermia Atlas – inverter-driven ground source heat pump



## **THERMIA THE ULTIMATE ENERGY PROVIDER SINCE 1923**



### **Pioneering heat pumps**

For the last 50 years, we have dedicated all our resources and knowledge to developing and endlessly refining one product: the heat pump. Our focus on geothermal energy has given us world leading knowledge in heat pump technology.



### **Engineered with passion**

Developing truly sustainable renewable energy solutions can only be achieved with passionate, dedicated, and uncompromising experts. Some of Europe’s most highly qualified engineers can be found in our own R&D center.



### **Born in Sweden**

All our products are designed, manufactured, and tested in Sweden using the latest technology and the highest quality components. All components inside our ground source heat pumps are made in Europe by world-leading industry specialists.

