

Model	Thermal power, kW	COP	SCOP	Refrigerant quantity, kg	Dimensions, cm
IGLU Aleut 5	5,24	4,37	5,55	1,20	60 x 60 x 110
IGLU Aleut 5 WT	5,24	4,37	5,55	1,20	70 x 70 x 175
IGLU Aleut 7	7,25	4,42	5,66	1,30	60 x 60 x 110
IGLU Aleut 7 WT	7,25	4,42	5,66	1,30	70 x 70 x 175
IGLU Aleut 7 WTI	1,5-7	4,65	5,56	1,30	70 x 70 x 175
IGLU Aleut 7 I	1,5-7	4,65	5,56	1,30	60 x 60 x 110
IGLU Aleut 9	9,22	4,45	5,72	1,35	60 x 60 x 110
IGLU Aleut 9 WT	9,22	4,45	5,72	1,35	70 x 70 x 175
IGLU Aleut 11	10,95	4,52	5,86	1,40	60 x 60 x 110
IGLU Aleut 11 WT	10,95	4,52	5,86	1,40	70 x 70 x 175
IGLU Aleut 12 WTI	3-12	4,75	5,75	1,45	70 x 70 x 175
IGLU Aleut 12 I	3-12	4,75	5,75	1,45	60 x 60 x 110
IGLU Aleut 13	13,07	4,54	5,77	1,50	60 x 60 x 110
IGLU Aleut 13 WT	13,07	4,54	5,77	1,50	70 x 70 x 175
IGLU Aleut 16	15,45	4,46	5,77	1,50	60 x 60 x 110
IGLU Aleut 16 WT	15,45	4,46	5,77	1,50	70 x 70 x 175
IGLU Aleut 18 WTI	5-18	4,58	5,79	2,20	70 x 70 x 175
IGLU Aleut 18 I	5-18	4,58	5,79	2,20	60 x 60 x 110

WT - heat pump with integrated water heater  
 WTI - inverter heat pump with integrated water heater  
 I - inverter heat pump without water heater

COP - coefficient of performance of the heat pump  
 SCOP - seasonal coefficient of performance of the heat pump



IGLU® heat pumps are compatible with both underfloor heating and radiator, making them ideal for renovating old and inefficient heating systems.

Produced thermal energy



Electricity consumption

The efficiency of geothermal heating is up to **650%**

During the heating season, up to 6.5 kW of heat is produced from 1 kW of electricity, and free cooling can be enjoyed during the summer. For comparison, the efficiency of a solid fuel boiler is up to 80%.



#### Manufacturer's service

Warranty and post-warranty maintenance as well as commissioning of heat pumps are carried out by local manufacturer service.



#### Remote service

IGLU® heat pumps are connected to a remote service platform that helps to detect and solve problems without calling a technician to the property.

Visit our website for more information on heat pumps and geothermal heating:  
[www.igluheatpumps.com](http://www.igluheatpumps.com)



# GROUND SOURCE HEAT PUMPS IGLU® ALEUT

FOR PRIVATE HOUSES, SEMI-DETACHED HOUSES, AND RURAL TOURISM HOMESTEADS



# Ground source heat pumps IGLU® Aleut

Durable, **ground source** heat pumps for a modern home. It uses naturally accumulated, **free energy** for heating, cooling and hot water preparation ensures **minimal costs**.

A+++

<b>Innovative</b> Manufactured with next-generation technologies and solutions	<b>Geothermal</b> Using inexhaustible clean energy from the depths of the earth	<b>Lithuanian</b> Developed in a climatic zone where temperatures range as high as 50°C	<b>Universal</b> Performing both space heating and cooling functions
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Heating, cooling and hot water preparation

## One device – three functions

The new generation of IGLU® Aleut heat pumps use clean energy stored in the depths of the earth not only for space heating, but also for cooling and preparation of hot water.

The most advanced heat pump components

## Higher efficiency at lower costs

Carefully selected and matched heat pump components allow to achieve maximum seasonal efficiency and ensure minimum costs.

Smart application for comfort control

## Remote control from anywhere in the world

The IGLU® Home app allows to control the device in real time, monitor the operating parameters of the heating system, electricity consumption, produced thermal energy and instantaneous efficiency factor.

## The modern design of the IGLU® Aleut offers excellent functionality.

IGLU® Aleut heat pumps are the perfect choice for durability and extensive functionality. Geothermal heat pumps are a long-lasting technology, with excellent performance for up to 15 years (boreholes last up to 100 years). IGLU® Aleut suits different needs - choose between fixed and variable capacity heat pumps with or without integrated water heater (200 l).

## Heat pumps with the highest energy class (up to A+++).

IGLU® Aleut has a high efficiency, measured by the SCOP index - how much energy can be produced from 1 kW of energy. IGLU® geothermal heat pumps are ones the most efficient on the market and from 1 kW of energy can produce as much as 6.5 kW energy, which can be used for heating, cooling or water heating.

## An innovative and durable choice - a solid step towards sustainability.

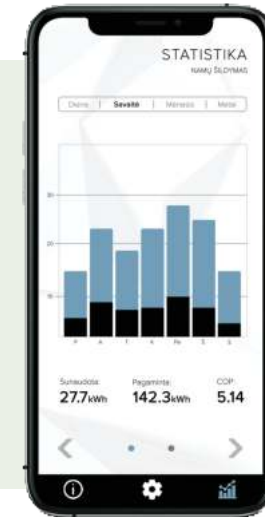
Heat pumps use renewable energy and do not emit CO2, which is so damaging to the environment. IGLU® Aleut heat pumps meets government financial support conditions, so you can renew your heating equipment cheaper.

## IGLU® Home smart app for convenient comfort control

- Extremely convenient regulation of indoor air and hot water preparation temperatures
- Real-time monitoring of energy consumption, heat production and COP
- Outdoor temperature display



IGLUHome



- Monitoring of energy consumption, heat produced and SCOP
- Monitoring of operating parameters of the device
- Switching the device on/off, activating the cooling function



IGLU® heat pump is one of the best choices for heating outdoor or indoor pool water



IGLU® heat pumps are compatible with solar power plants

IGLU® Aleut heat pump with integrated water heater

IGLU® Aleut heat pump without water heater