

Model	Thermal power, kW	COP	SCOP	Refrigerant amount, kg	Measurements, cm
IGLU Max 24	24,85	4,54	5,71	2,8	91 x 85 x 160
IGLU Max 36	35,5	4,65	5,76	3,5	91 x 85 x 160
IGLU Max 45	44,95	4,45	5,77	3,8	91 x 85 x 160
IGLU Max 70	71,08	4,58	5,75	12,8	91 x 165 x 160
IGLU Max 90	87,3	4,53	5,66	15,30	91 x 165 x 160
IGLU Max 120	119,8	4,69	-	23,60	91 x 250 x 160
IGLU Max 150	145,00	4,69	-	27,60	91 x 250 x 160
IGLU Max 180	181,9	4,67	-	36,00	91 x 250 x 160
IGLU Max 240	231,8	4,75	-	48,40	91 x 250 x 160

COP - heat pump coefficient of performance

SCOP - heat pump seasonal coefficient of performance



Why install a geothermal heating system in a renovated apartment building?

- 1 After renovation works in a block of flats the residents of the building pay for heat approximately **40-70 %** less than before the renovation.
- 2 Minimise dependence on district heating networks - geothermal heating system produces at least **85-90 %** of the required energy.
- 3 Up to **30 %** of the renovation costs and up to **51 %** for heat pumps are eligible for public support.
- 4 During the heating season, IGLU® Max heat pumps produce up to **6.5 kW** of heat energy from 1 kW of electricity.



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

Fastest response to disturbances and failures



Manufacturer's service

Warranty and post-warranty IGLU® MAX heat pump maintenance and commissioning is carried out by the manufacturer's local service centre.



Remote service

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

Visit our website for more information on heat pumps and geothermal heating:
www.igluheatpumps.com



GEO THERMAL HEAT PUMPS

IGLU® MAX

FOR RENOVATION AND NEWLY BUILT
 APARTMENT BUILDINGS, INDUSTRIAL AND
 PUBLIC FACILITIES





Ground source heat pumps IGLU® Max

Extremely powerful **ground source** heat pumps for renovated and newly built apartment buildings, industrial and public facilities. It **uses free energy** stored underground to produce heat and ensures **minimal heating costs**.

Innovative

Manufactured with next-generation technologies and solutions

Geothermal

Using inexhaustible clean energy from the depths of the earth

Lithuanian

Developed in a climatic zone where temperatures range as high as 50°C

Universal

Performing both space heating and cooling functions



Heating, cooling and hot water preparation Three functions in one device

The new generation IGLU® Max heat pumps use clean energy stored underground not only for premises heating, but also for cooling and hot water preparation.



State-of-the-art heat pump components Greater efficiency means lower costs

Carefully selected and coordinated components of heat pumps allow efficient use of energy from renewable sources and ensure minimum heating costs.



Special online platform Remote control from anywhere in the world

There is a possibility to connect to the heat pump and control the device through a special online platform. It is also possible to monitor the operating parameters of the heating system, electricity consumption and produced thermal energy.

IGLU® Max – a solution for green efficient buildings, where **environmental protection** and **zero CO2 emissions** are highest priorities



IGLU® Max heat pumps 70-90 kW



Possibility of cascade connecting

IGLU® Max heat pumps can be connected in a cascade to achieve extremely high capacities.



Active cooling function

If necessary, an active cooling module can be installed in the heat pump.



Eligible for state support

Up to 51% of the costs are recovered when a heat pump is installed during the renovation.



Up to 5 years warranty

Option to extend the standard 2-year warranty for an additional fee.



Control using a multilingual control panel

The operation of the heat pump can be controlled both remotely and using the control panel.



Low-temperature heat pumps

The temperature of the supplied heat carrier is up to 60 °C.



Low temperature IGLU® Max heat pumps use renewable geothermal energy resources for heat production. This allows for the maximum reduction of heating costs.