

Snow Cave

The magic land of the Snow Queen



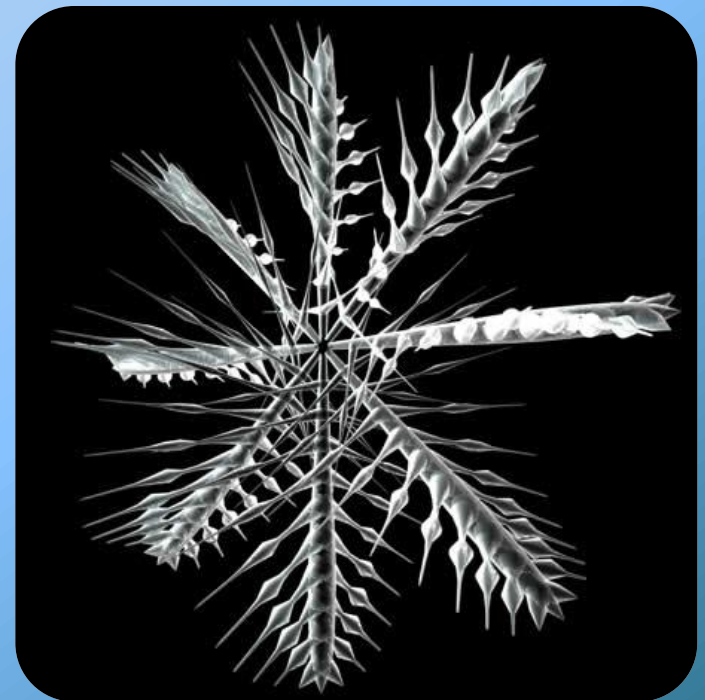
 **EL-CHŁOD**

WWW.GROTASNIEZNA.PL

Presentation of the company



-specializes in refrigeration, air conditioning and ventilation. We provide expert technical advice and solutions in the selection of appropriate equipment for certain conditions. We have many years of experience trying to continually support our customers the highest quality equipment and services.



Snow Cave

Magical trip to the mysterious
land of snow queen...



*Relaxation and health enchanted in
white snow fluff.*

What is a snow cave ?

Snow Cave, also known as snow chamber is a special, well-insulated and cooled to -15 degrees Celsius space created within a building. Rock shelves that make up the cabin are covered with pure white fresh snow without any chemical additives. Indirect lighting and windows like the glacier door embedded in the walls of the cave create unique atmosphere and spaciousness, and the accompanying effective of chill makes an extraordinary impression.



Snow cave and health and beauty

Investment that pays ...



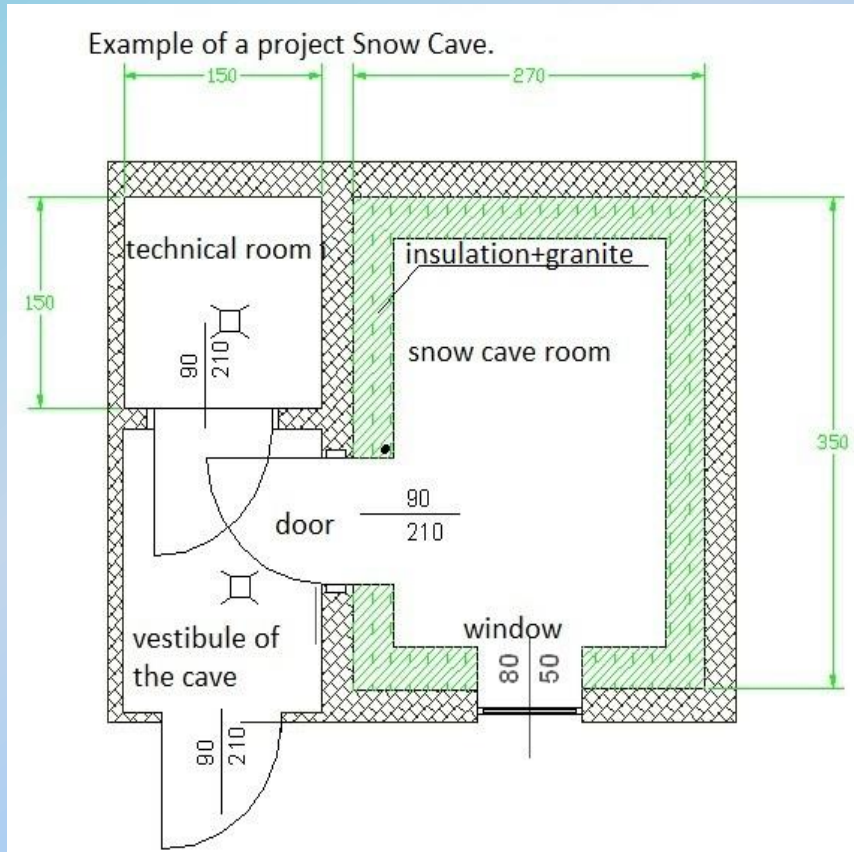
Cold climate and the conditions that prevail inside the cave well affect the health and physical and mental condition.



Regular sessions in the snow cave increase the blood flow in the body, reduce muscle tension, have anti-inflammatory and analgesic effect and enhance immunity and speed up metabolism.

It is worth knowing

Snow cave – characteristic



The minimum dimensions of the cave is a 3 m × 3 m. Snowmaking nozzle is located beneath the ceiling, which, with a spacious room gives a great visual effect. Additionally, in front of the entrance to the cave there should be a vestibule in order to limit the loss of chill from the cave and lessen the thermal shock.

Snow cave – characteristic



The room is insulated with at least 25 cm of polystyrene and the floor is protected with an anti-moisture layer. It helps to keep the desired climate inside the cave.



Snow cave – characteristic

The decorative material is ken structure granite. It has a decorative function and, more importantly, acts as a 'chill accumulator'. Its thickness may vary according to the interior design. However, it cannot be less than 4 cm.



Snow cave – characteristic

The walls of the cave are so formed as to have many rock shelves accumulating as much snow as possible. They are covered with granite to a height of 2 m.



Snow cave – characteristic



The floor is insulated with a minimum of 25 cm polystyrene. Then, 8 cm flooring is made and it is anti-moisture insulated. Then, on the top of the flooring we put the granite boards.

The ceiling and devices' covers may be made of artificial stone. It is made of polyester resin.



Snow cave – characteristic

The thickness of the insulation the floor, which together with the granite slabs for about 40 – 45 cm, and the ceiling which is also insulated with polystyrene foam of 20 cm, makes the cave be at least of 3 m high in order to meet its functions.



Snow cave – characteristic



The temperature in the atrium should be about 15 degrees Celsius and therefore should be insulated with a layer of polystyrene foam around 5 cm.



It is worth knowing ...

Technical characteristic



Technical room should be located up to 5 meters from the cave. It can even be placed on a higher level. It contains mostly device. Its dimensions should be at least 2,5 m x 2,0 m.

Did you know?

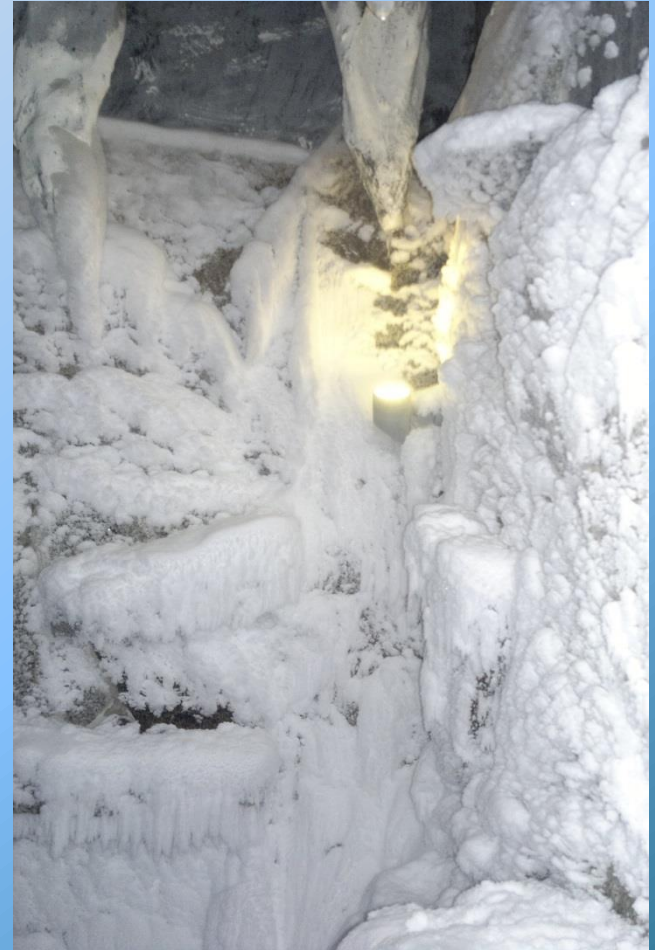
Cooling the condenser cooling system is most often made by transfer of heat such as heating swimming pool water. In this way the heat energy is used. This water is clean and treated water at a temperature of about 20 degrees Celsius.

In the absence of the cooling water, heat to the ambient air through the condenser.



Our projects

- 1 .Hotel Gołębiewski Wisła (PL)
- 2 .Hotel Gołębiewski Mikołajki (PL)
3. Hotel Gołębiewski Białystok (PL)
4. Sandra SPA Pogorzelca (PL)
5. Sandra SPA KARPACZ (PL)
- 6 .Hotel ARTIS Zamość (PL)
- 7.Aqapark Pardubice (CZECH REPUBLIC)
- 8.Aqapark Delna Prosov (SLOWAKA)
- 9.M.O.S.i R. Białystok (PL)
10. Healt Center Doha (QATAR)





Thank you!

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