

In order to start design the project, please provide all initial required data.

1. **Operation voltage:** _____ V
2. **Maximum allowed power for electrical heating system:** _____ kW
3. **Cold store temperature:** _____ °C
4. **Thickness of the insulation:** _____ cm
5. **Coefficient of thermal conductivity of insulation:** _____ W/(m·°C)

6. Application type:

- Frost heave prevention system - for the areas which are located on the ground floor.
Dimensions of the cold stores:

Cold store 1	Cold store 2	Cold store 3	Cold store 4
Length _____ m;	Length _____ m;	Length _____ m;	Length _____ m;
Width _____ m;	Width _____ m;	Width _____ m;	Width _____ m;

- Protection against condensation on floors - 2 m heating area from each side of the door.
Width of the doors:

Door 1	Door 2	Door 3	Door 4
Width _____ m;	Width _____ m;	Width _____ m;	Width _____ m;

- Protection against condensation on the ceiling under the cold store.
Dimensions of the cold stores:

Cold store 1	Cold store 2	Cold store 3	Cold store 4
Length _____ m;	Length _____ m;	Length _____ m;	Length _____ m;
Width _____ m;	Width _____ m;	Width _____ m;	Width _____ m;

- Freeze protection of frames of the doors and gates.
Dimensions of the doors/gates:

Door 1	Door 2	Door 3	Door 4
Height _____ m;	Height _____ m;	Height _____ m;	Height _____ m;
Width _____ m;	Width _____ m;	Width _____ m;	Width _____ m;

** or send the drawings of all heated areas!*

7. Frost protection of drain lines of cooling equipment:

Length of the drain lines - _____ m
 Drain lines diameter - _____ mm
 Insulation thickness of the drain lines - _____ mm
 Square of the drainage tray - _____ m²

8. Special heated zones:

- Columns (length: _____ m, width: _____ m)
 Concrete walls (length: _____ m, width: _____ m)

** Should be marked on the drawings*

9. Desired heating elements: _____

10. Comments and Special Remarks: