



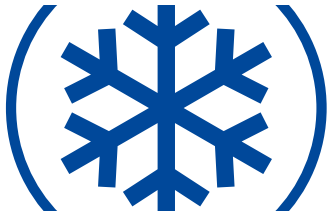
... more than pipes



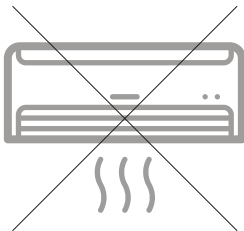
PERFECT AIR-CONDITIONING



FV KLIMA



Humans, like other animals on the earth, positively senses a radiant energy and negatively feels a cold air turbulences.



From these reasons we recommend a large area water system of radiant energy as the best choice. The energy transmission is primarily caused by radiating and here is almost perfectly eliminated unpleasant turbulent flow of the air.

PERFECT AIR-CONDITIONING



WOULD YOU LIKE TO KNOW HOW IT WORKS?

There is a cooled water flowing inside the ceiling structure. The water conducts energy away from a room. Thanks to a big portion of radiant energy makes floor and walls cold, thus it creates a pleasant room climate with balanced distribution of temperature.



FV KLIMA

healthy

silent

economical

comfortable



Users do not face the problems caused by dirty air-condition accompanied by unpleasant air turbulences.



The system of large area cooling does not content any ventilator and makes a pleasant silence with a feeling of natural cold.

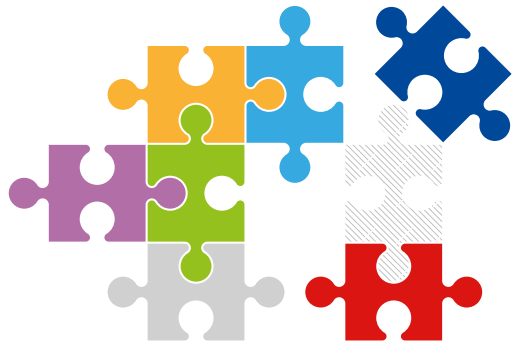


Due to a temperature of the cooling water (16 -19C) , the system works in the highest efficiency and consumes a minimum of energy. No maintenance needed.



Large area cooling without any draught contributing to increase a job performance and personal comfort.

Why FV KLIMA



The company FV PLAST is a Czech producer of plastic piping systems with more than 30 years tradition. Our products are distributed to more than 50 countries across the world. Always we offer the complete system to meet our customers requirements and variability of different ceiling constructions.

These standards we also follow when we offer our ceiling cooling system. FV KLIMA is designed as a complex system which facilitates designing of the cooling installation in different types of ceiling structures.

CoolFLEX



Innovative system – universal for all rooms where is possibly to install plasterboard ceiling structure. Aluminium registers with welded plastic pipes of 8 mm.

- Easy installation
- High performance
- Facile coordination of activities during the construction

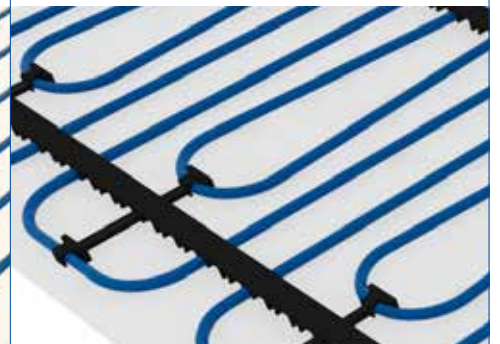
CoolPLATE



The system for very irregular surfaces/floor plans with numbers of ceiling elements. Plasterboard desks which there are installed 8 mm pipes inside. Tailored production.

- For difficult and variable floor plans

CoolGRID

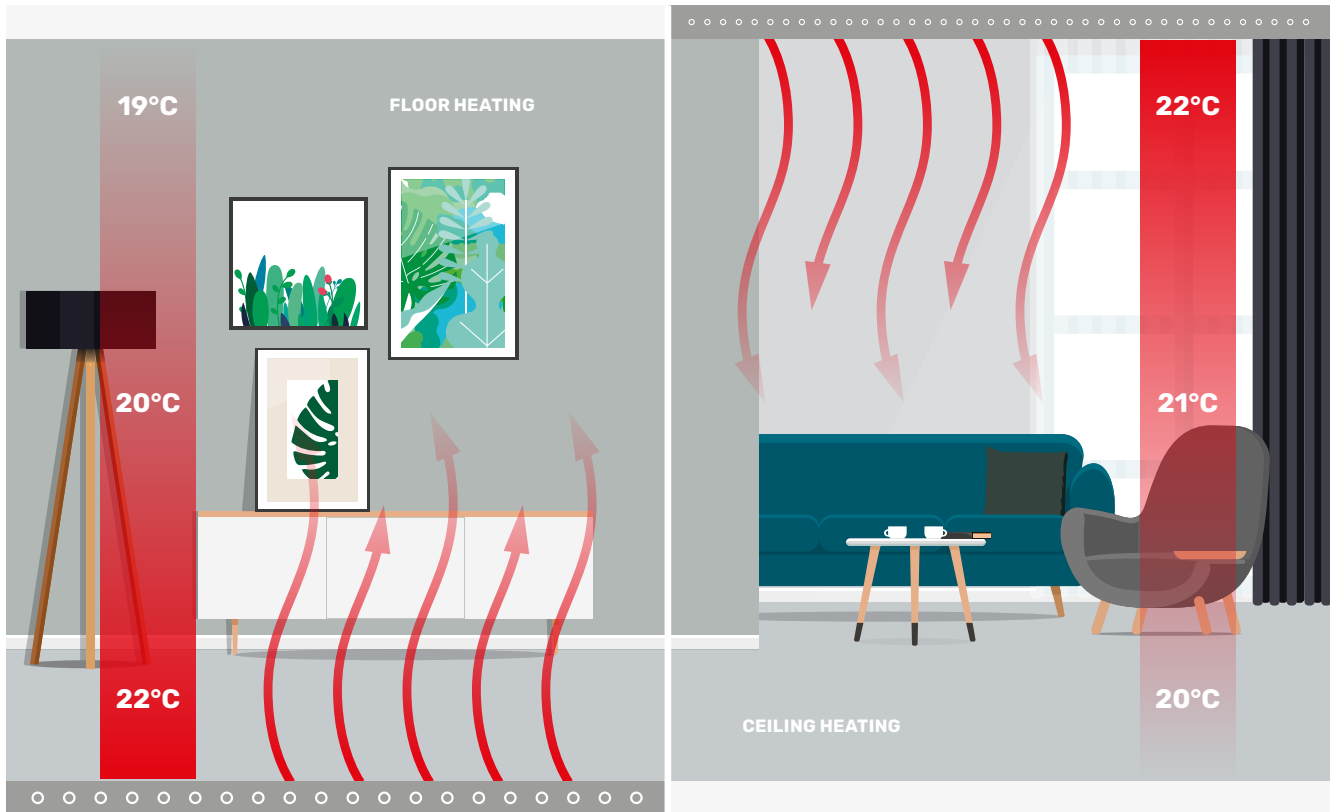


The system for standard usage under layers of stucco. The pipes are installed during construction works.

- For rooms where is not possible to install plasterboards.

Do you know that you can use FV KLIMA system also for heating?

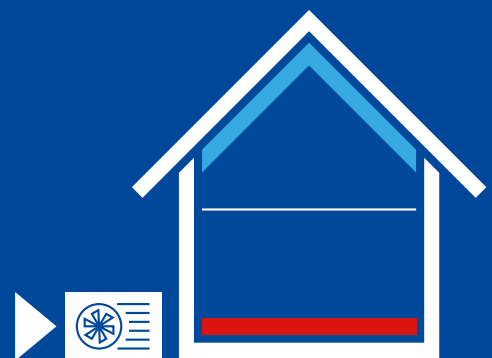
If there is a warm water flowing inside the ceiling structure, radiant energy does not make warm even people inside and furniture, but also gets warm floor and walls, thus it creates a pleasant room climate with balanced room temperature. Compare distribution of air temperature (in different heights inside the room) in dependence on a used heating system.



In rooms which are not needed to cool use standard floor heating systems, for instance FV THERM. This advantage you can multiply by usage of single source of heated and cooled water (heating pump) which gives the highest performance for combination of cooled and heated areas.

Make plans for the way of cooling and heating from the first moment of designing your house:

FV KLIMA and FV THERM in the combination with heat pump as one and the only system will bring you comfort for the whole year.



Customer services



1. Provide us with design layout (with the sizes of particular rooms) and label the cooled rooms.
2. We will provide you with an offer which will give you indicative prices for all needed components.
3. If you decide on realization we will make a construction drawing and final offer.

FV - Plast, a.s.

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