

CAPILLARY SYSTEM



The overall surface heating and cooling

➡ **LOW TEMPERATURE SYSTEM**- inlet temperature to heating system **$t_1 < 25^{\circ}\text{C}$**

➡ **IDEAL FOR ALTERNATIVE HEAT SOURCE** (solar collectors, heat pumps, condensation gas boilers, waste heat and other low temperature sources)



➡ **HIGH LEVEL OF THERMAL COMFORT** by low indoor temperature (person's perception temperature area is approximate equal to average temperature of air and temperature of surrounding surfaces)

ENERGY SAVINGS
ECOLOGICAL SOLUTIONS

Brand new product by infraclima

➡ **HEATING AND COOLING IN ONE**- infraclima helps to save investments

➡ **COOLING FREE OF CHARGE**- (natural cooling by means of ground cool)



➡ **UNIFORM TEMPERATURE DISTRIBUTION** (high density of capillary tubes provides equal temperature distribution in places where people stay, in horizontal and vertical level. No cold/warm zone compared to classic floor heating.

➡ **PREVENTS ALLERGIES**- 1) no whirling dust - uniform heat distribution 2) elimination of creation of fungi and haemoculture organisms, avoids cold surface areas (prevents water vapour condensation)

HIGH TEMPERATURE COMFORT HEALTHY HOUSING

➡ **IN WINTER - HEATING**
IN SUMMER - COOLING

➡ **ARCHITECTURE AND DESIGN**- free interior without visible radiators

➡ **MAINTENANCE-FREE WORKING**

➡ **EASY, FAST CONTROL AND REGULATION.** Rapid reaction, great running dynamic- (6x faster than classic ground heating)

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