



# Swimming Pool in Nýřany, Czech Republic



SOLPOOL C02

The pool is used water from 50 m deep borehole. Temperature of the water is only about 9 °C. The cold water is heated in original solar system made as shallow pool divided by barriers into meander. The water flows through the meander and is heated from initial temperature to about 18 °C in sunny days. The solar system is divided into three sections of 73 m<sup>2</sup> each.

## Partners

- Owner/operator: municipality of Nýřany
- Planning: VPIP Plzeň, a.s.
- Installation: unidentified

## Technical Data of the Absorber System

<b>Flat plate collector surface area</b>	220 m <sup>2</sup>
<b>Pool surface area and volume</b>	1.227 m <sup>2</sup> , 2.405 m <sup>3</sup> and 286 m <sup>2</sup> , 124 m <sup>3</sup>
<b>Year of installation</b>	1996
<b>Operator</b>	Municipality of Nýřany
<b>System installer</b>	unidentified
<b>Planning</b>	VPIP Plzeň, a.s. (not existing nowadays)
<b>Collector type</b>	original
<b>Auxiliary heating system</b>	without
<b>Previous heating system</b>	without
<b>Specific yield</b>	300 kWh/m <sup>2</sup> and season (estimation)
<b>Environmental gain</b>	-
<b>Costs for the solar system</b>	not known
<b>Subsidy</b>	without



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