

Sizing Data for FlexoPool

For final sizing, heat pump selection and an energy estimate, fill in the following information below and fax the form to IV Produkt: Fax no. **+46-470 75 88 77**.

Name of project:.....Date:.....

Company/Organisation:.....Who to contact:.....

Address:.....

Phone:.....Fax:.....E-mail:.....

Indoor conditions

	Pool 1	Pool 2	
★ Design air temperature (Rec.: 2 °C above water temp.)	°C
★ Design relative humidity (Rec.: RH 55%)	%
★ Design water temperature in pool (Rec.: 28 °C)	°C

Outdoor conditions

★ Design outdoor air temperature, summer	.....	.....	°C
★ Design outdoor air temperature, winter	.....	.....	°C
★ Design mean annual temperature	.....	.....	°C

Building data

★ Size of pool	.....	.....	m ²
Indoor swimming pool facility – volume	.....	.....	m ³
Window sections	Window height < 2 m	.....	lpm
	Window height > 2 < 8 m	.....	lpm

Heating data

Heating load in indoor swimming pool building	.....	.....	kW
★ Supplementary heat	.....	.....	wa/el.
Water temperature, supplementary heat	in .....°C	out	°C

Other activities in the indoor swimming bath

Water slide, covered	.....	lpm	open	.....	lpm
Current channels	.....	lpm	Piste	.....	m ²
Bubble pool	.....	°C		.....	m ²
Other activities				.....	kg/h

System data

Available duct pressure	Supply air	.....	Pa	Extract air	.....	Pa
Min. number of air changes at DUT	(Rec: once/hour)				.....	no/h
Supply air filter (standard EU7)				EU	.....
Extract air filter (standard EU7)				EU	.....

Operating times

Energy prices

Day	.....	hours/year
Power	cost/kWh
Water	cost/kWh

EVH Heat pump

Power required, heating from heat pump	kW
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★ = Mandatory data required for unit sizing



Air handling with the focus on LCC

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