



## Dimensioning data for FlexoPool

For final sizing of your FlexoPool dehumidification unit, fill out this form and **return to us at IV Produkt** by email.

### Your contacts

Name:

Phone:

Company and address:

Name of project:

Design indoor conditions	Pool 1	Pool 2
Air temperature Recommended: 2 °C above water temperature		°C
Relative humidity Recommended: RH 55 %		%
Water temperature in pool Recommended: 28 °C		°C
Design outdoor conditions		
Air temperature, summer		°C
Relative humidity, summer		%
Air temperature, winter		°C
Relative humidity, winter		%
Mean annual temperature		°C
Building data		
Pool surface area		m <sup>2</sup>
Pool hall volume		m <sup>3</sup>
Length of window sections where window height < 2 m		m
Length of window sections where window height > 2m < 8 m		m
Windows higher than 8 m, height × length	×	×
		m
Heating data		
Heating load in indoor swimming pool building		kW
Supplementary heat to AHU heater coil		
Water temperature, supplementary heat flow and return	°C	°C
Other activities in the indoor swimming pool		
Water slide, covered		m
Water slide, open		m
Open 'piste' slide width × length	×	m
Current channels, lazy river		m
Bubble pool	°C	m <sup>2</sup>
Other activities, evaporation		kg/h
System data		
External duct pressure supply and extract air	Pa	Pa
Min. number of outdoor air changes Recommended: 1 ac/h		ac/h
Supply air filter		
Extract air filter		
Operating times		
Day time		h/year
Energy prices		
Electrical power	£	€/kWh
LPHW, low pressure hot water	£	€/kWh
Extract air, heat recovery coil	Yes	No