

Domestic hot water**Are there periods (months, weeks, days) without domestic water demand?** yes no

If 'yes' at which times: _____

Circulation:

Are there existent circulation pipes?:

 yes no

If yes,

appr. length of circulation pipe: _____ m

Operation times of circulation pump: _____

Temperatur spread flow line/return line: _____ K

Specific heat loss: _____ W/(m²xK)**Domestic water tank (existent):**

Is/Are there any domestic water tank(s) existent? Shall they also be used in the future?

 yes no

If yes:

 boiler-integrated separate

Year of construction: _____

Occupancy of the existent tank in the solar system: _____

Tank volume: _____ litres

Number of heat exchangers: _____

Connections (please add a drawing of the tank): _____
_____**Heating support**

Type of building:

 light-weight construction medium-weight construction heavy-weight construction

Type of window:

 Single glazing Single glazed insulation glazing Double glazed insulation glazing (with coating) Double glazing Double glazed insulation glazing (not coated) Triple glazed insulation glazingHeated floor space: _____ m²

Heating category temperature: _____ °C (ambient temperature at which the heating system switches-off)

Type of heater circuit:

High temperature:

 90/70 °C 75/55 °C Other: _____ °C

Low temperature:

 50/40 °C 45/35 °C

Percentages of High / Low temperature relating to total space heating area: _____ % / _____ %"

Standard heat requirement: _____ kW

or

Specific heat demand: _____ kWh/(m²yr)

Pool heating

Type of pool:

- Indoor swimming pool
- Open air bath

If it is an Indoor swimming pool:

which room temperature: °C
Relative air humidity: %

Bathing season?

from: to:
Number of bathers per day:

Set temperature bath water?: °C

Fresh water input per day: litres/day

Shape of pool:

- rectangular round free
- Length: m
- Width: m
- Height: m (average depth)
- Diagonal: m

Colour of flagstones:

Wind deflector:

Type of cover sheet:

- none
- Roller blind non-transparent
- Roller blind part-transparent
- Roller blind clear-transparent
- Foil clear-transparent
- Foil
- Foamed plastic

Times of covering: (All days the same)

Temperatures:

Set temperature: °C
Maximum pool temperature: °C

Auxiliary:

- yes no

Output:

Boiler type:

Additional data for hostels (hotel, bed & breakfast, youth hostel)

Category

standard middle luxury

Number of rooms

Single rooms:
Double bedrooms:
Shared rooms: beds (total number of beds)

Number of tap connections

Wash basins:
Showers:
Bath tubs:

Occupancy

All-season, guests per day:
Summer, from: to: guests per day:
Winter, from: to: guests per day:

Hot water consumption

according to invoice: m³/yr
or
estimated: m³/yr
referring to a hot water temperature of: °C

Additional data for sports facilities

Number of tap connections:

Wash basins:
Showers: with a parallel use of maximal: showers (for peak demand).

Load profile

Weekly profile

Weekday: Mon Tue Wed Thu Fri Sat Sun
Number of athletes:

Monthly profile

Month: J F M A M J J A S O N D
Number of athletes:

Hot water consumption

according to invoice: m³/yr
or
estimated: m³/yr
referring to a hot water temperature of: °C