

# Questionnaire for Quotation Processing

Questions marked with  must be completed. Only then can we draw up a binding quotation for you without delay.

## 1. Project and building type:

Name ..... Telephone .....  
Address ..... Fax .....  
Postal code/City ..... E-mail .....

- Single family house  
 Multi-family house with \_\_\_\_\_ apartments  
 Other \_\_\_\_\_  
 Latitude \_\_\_\_\_ (if known)  
 Planned  New buildin  Modernisation/renovation  Retrofitting

## 2. Purpose of your planned solar energy system

- Domestic water heating  $\Theta$   
 Heating support  $\Theta$   
 Swimming pool water heating  $\Theta$   
 Solar cooling  $\Theta$   
 Other \_\_\_\_\_  $\Theta$

$\Theta$  Multiple answers possible

## 3. Roof details

Collectors to be mounted on / to: Conditions on the roof

- On-roof installation on tiled roofs Utilisable roof area:  
 Flat roof Length: \_\_\_\_\_ m  
 Eternit roof Width: \_\_\_\_\_ m  
 Folded seam roof Roof slope: \_\_\_\_\_ °  
 Façade attached flatly  
 Façade tilted  
 Balcony rail

Shading from trees or adjacent houses  Yes  No

## 4. Average annual energy consumption:

- Oil \_\_\_\_\_ litres / year  
 Gas \_\_\_\_\_ m<sup>3</sup> / year  
 Electricity \_\_\_\_\_ kWh / year  
 Wood \_\_\_\_\_ kWh / year

For:

- Hot water  Heating  Swimming pool heating  $\Theta$

$\Theta$  Multiple answers possible



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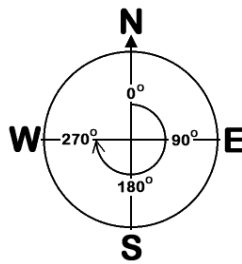
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## 6. Building location and collector alignment:

### Collector alignment

South  East  West  South-east  South-west

Draw an arrow to indicate the alignment of the collectors



## 7. Static height

Distance between the highest installation point on the roof and the building's equipment room (centre of the expansion tank)

\_\_\_\_\_ m

## 8. Existing pipelines

Distance between the collector and the solar station Line length \_\_\_\_\_ m

Are pipelines already present?  Yes  No

Copper pipes

Steel pipes

Diameter \_\_\_\_\_ mm

Thermal insulation \_\_\_\_\_

**a) Pipeline dimensions (external diameter)** \_\_\_\_\_ m

b) Pipelines, one-way length outside the building \_\_\_\_\_ m

c) Pipelines, one-way length inside the building \_\_\_\_\_ m

d) Thickness of thermal insulation outside the building \_\_\_\_\_ mm

e) Thickness of thermal insulation inside the building \_\_\_\_\_ mm

f) Insulation thermal conductivity coefficient \_\_\_\_\_ mK

