



# POSITIVE ENERGY SOLAR CONTRACTORS

[www.PositiveEnergySolar.US](http://www.PositiveEnergySolar.US)

## SITE ASSESSMENT SURVEY

CUSTOMER NAME: \_\_\_\_\_

EMAIL: \_\_\_\_\_ PHONE: \_\_\_\_\_

CUSTOMER ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

SPECIAL INSTRUCTIONS: \_\_\_\_\_

### HOUSE INFORMATION

ROOF TYPE:  SHINGLE  TILE  METAL  FLAT DECK

ROOF PITCH:  3-4/12  5/12  6/12  7-8+/12

STORIES:  SINGLE  TWO  THREE

### POOL INFORMATION (Attach pictures of Pool Equipment Pad if possible)

POOL PLUMBING SIZE:  1.5"  2"

POOL PUMP TYPE: \_\_\_\_\_ SPEED: \_\_\_\_\_ VARIABLE: \_\_\_\_\_

SYSTEM CONTROL TYPE:  MANUAL  AUTO

POOL LENGTH: \_\_\_\_\_ WIDTH: \_\_\_\_\_ GALLONS: \_\_\_\_\_

REQUESTED INSTALLATION DATE: \_\_\_\_\_

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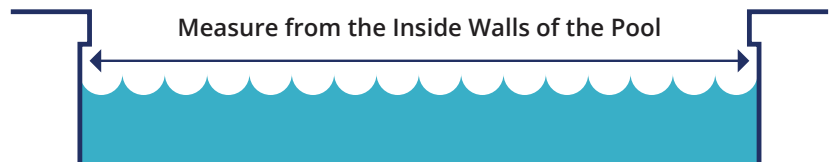
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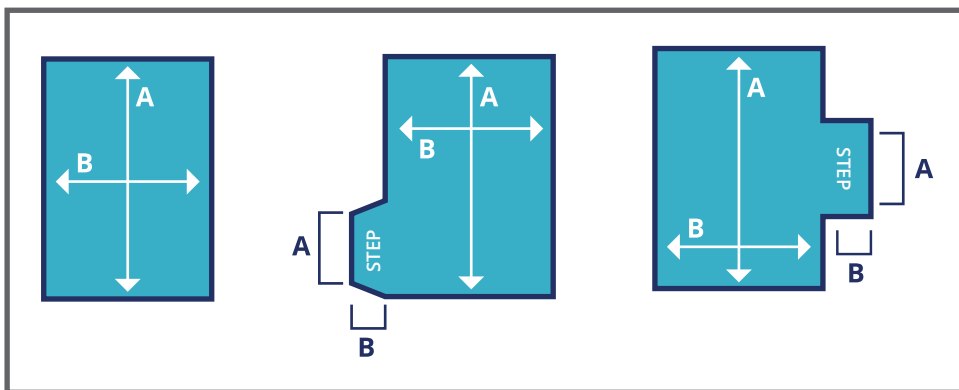
## CALCULATING SYSTEM SIZE

### MEASURE POOL

- Measure Length (A) and Width (B)

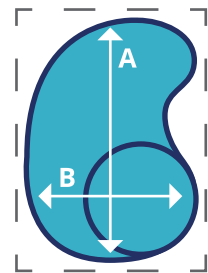


#### Rectangle Pools with or with step

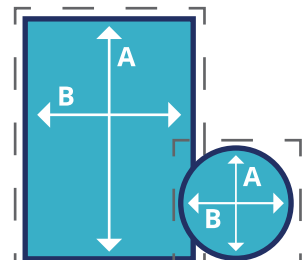


#### Pool with Spa

Spa within the Pool Area

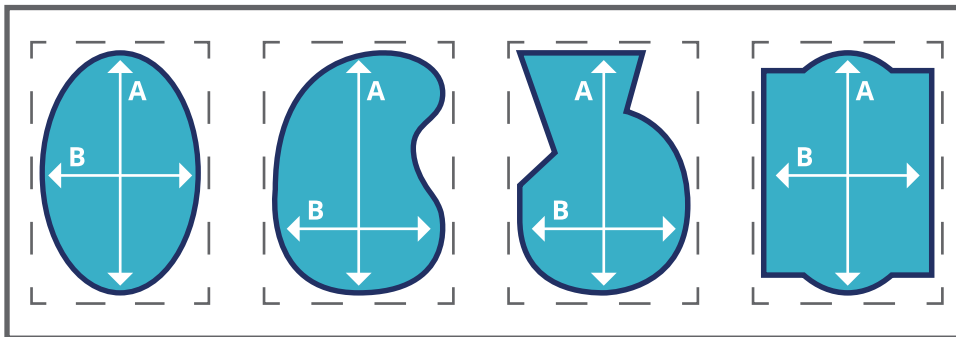


Partially Detached Spa



Treat Spa as a Separate Area

#### For Shaped Pools, Treat as Rectangular



### DETERMINE AVERAGE DEPTH

- Shallow End + Deep End (Divided by 2)

### CALCULATE POOL VOLUME

- Length x Width x Depth = Volume

### HELPFUL TOOLS

- Retractable Measuring Wheel
- Infrared Temp Sensor
- Measuring Tape

**POOL VOLUME = # OF SOLAR POOL PANELS**

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## SITE ASSESSMENT SURVEY

The following photos need to be provided by the homeowner to assist the Installation Team in preparing for the best solar pool heating solution for their home.



- FRONT OF HOUSE INCLUDING ROOF**  
*(possible installation area)*



- BACK OF HOUSE INCLUDING ROOF**  
*(possible installation area)*



- TIME CLOCK (DOOR OPEN)**



- WIDE SHOT OF EXISTING ELECTRICAL EQUIPMENT**



- WIDE SHOT OF EXISTING POOL EQUIPMENT**



- CLOSE UP OF EXISTING POOL EQUIPMENT**

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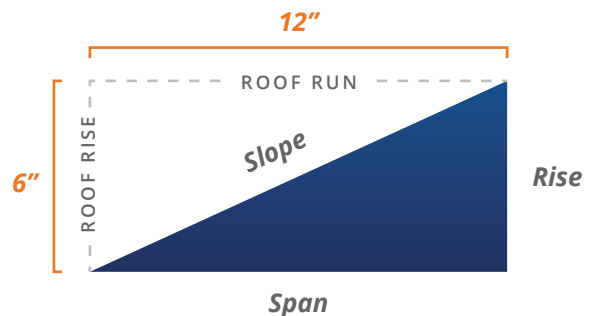
# ROOF PITCH GUIDE



## EXAMPLE OF HOW TO CALCULATE

The diagram to the right shows the pitch of a 6-12 roof slope meaning that for 12" of horizontal measurement (roof run) the vertical measurement (roof rise) is 6".

This measurement is best done on a bare roof because curled up roofing shingles will impair your measurement. If this isn't practical then perform the same measurement on the underside of the roof.



**ROOF PITCH = RISE / SPAN**