## **Solar Thermal Site Survey**



Project Information					
Project Name					
Contact Person / Information		Name: Fax:	Tel.: Email:		
Project Location					
System Information					
System Type (Check all that ap	ply)	□ DHW	☐ Space Heating	□ Pool	
		☐ Residential Home	☐ Apartment	☐ Dormitory	□ School
Application Type		☐ Hotel/Motel/Inn	☐ Office Building	☐ Restaurant	☐ Hospital
		☐ Prison	☐ Fire Station	☐ Industrial	☐ Other:
Application Details (# of rooms, total occupants, etc.)					
Installation Information					
Installation Mounting Type		☐ Flat Roof	☐ Wall Mounted	☐ Sloped Roof	□ On Wall
W/L:-L D { T 0		□ Tile	☐ Shingle	□ Slate	□ Metal
Which Roof Type?		□ Other:			
Load Conditions		☐ Wind Load	☐ Snow Load	□ Ice Load	
Deviation from South		(Degrees)	West + 75' + 6 SW	- 7	'5° °
Available Roof Space	Α	(Ft)			<u> </u>
Available Roof Space	В	(Ft)		6	<b>3</b>
Roof Pitch	С	(Degrees)		0	
Shading?		□ Yes	□No	% Shading	
Recirculation Loop?		□ Yes	□No	Length (Ft)	
Line Set Run (One-way from collector to solar storage tank)		(Ft)			
Building Type		☐ New Construction	☐ Retrofit		
- If Retrofit, Current Equipme in Use	nt	Back-up Heat Source Tyl Storage Tanks	pe	Output	(kbtu/hr)
Fuel Type / Cost		☐ Gas \$per Ther	rm 🗆 Oil \$per G	al. 🗆 Electric \$p	er kW 🗆 LPG \$per Gal.
Comments:					

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Domestic Hot Water Information	(0.11	
DHW Load	(Gallons per day)	
Operational Profiles	(00)	Comments
Hot Water Supply Temperature	(°F)	Comments:
Maximum Water Storage Capacity	(Gallons)	
Cold Water Inlet Temperature	(°F)	
Back-Up Heat Source Type Back-Up Heat Source Output	(kbtu/hr)	
Fuel Type / Consumption	(KDtu/III)	
Daily Hot Water Den  100% 90% 80% 80% 60% 40% 40% 40% 100%	nand	Annual Hot Water Demand  100%  90%  80%  40%  40%  40%  40%  10%  10%  10%  1
50%		<b>E</b> 50%
9 30%		<b>5</b> 30%
20%		20%
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 Time (Hour of Day)	16 17 18 19 20 21 22 23 24	0 1 2 3 4 5 6 7 8 9 10 11 12  Time (Month of Year)

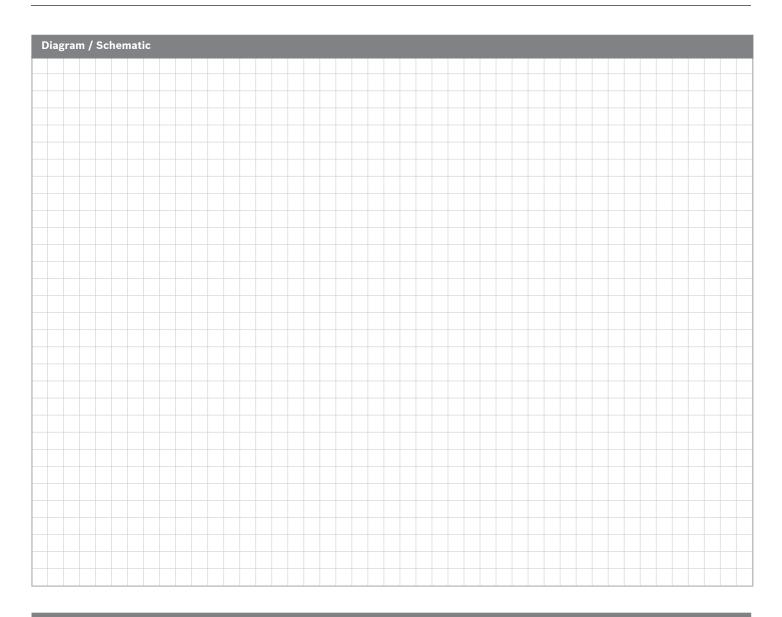
Space Heating Information				
Heat Loss	(kbtu/hr)			
Heated Area		(ft²)		
Type Of Heating	☐ Radiators ☐ Baseboard ☐ In-Floor Heating ☐ Other:			
Heating Loop	HT	Supply:(°F) Return:(°F)		
Temperatures	LT	Supply:(°F)  Return:(°F)		
Back-Up Heat Source Type		□ Same as DHW		
Back-Up Heat Source Output		(kbtu/hr)		
Fuel Type / Consumption				
Comments:				

Pool Heating Information		
Pool Type	□ Indoor	☐ Outdoor
Pool Dimensions		(ft)
Average Pool Depth		(ft)
Swim Season		(Jan - Dec)
Desired Pool Temperature		(°F)
Back-Up Heat Source Type		_ □ Same as DHW
Back-Up Heat Source Output		(kbtu/hr)
Pool Cover	☐ Yes	□ No
Fuel Type / Consumption		
Comments:		

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## Signature:

Please provide your name and date below as recognition that the information contained in this document is complete and accurate to the best of your knowledge. This information will be used in the calculations related to the design; inaccurate calculations will affect the design results provided. Please note that the design results do not replace a detailed system design. By using this system, you acknowledge and agree that the designer, installer and/or building owner is responsible for the system design, function and validation. Bosch Thermotechnology Corp. is not responsible for the system design, function or performance of the system installed. Bosch Thermotechnology Corp. is not responsible for errors due to false or unreliable data submitted by the authorizing representative.

errors due to false or unreliable data submitted by the authorizing repres	entative.	
Authorized Representative:		
Printed Name:	Date:	

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