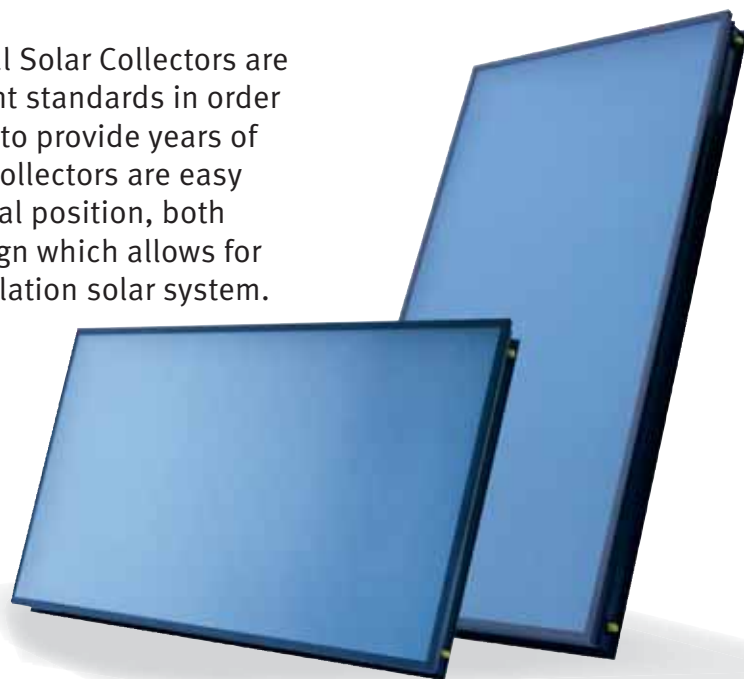


Lochinvar/TiSUN Light Duty Commercial Solar Collectors are designed and manufactured to stringent standards in order to withstand harsh outdoor conditions to provide years of service under the sun. Our SLV / SLH collectors are easy to install in either a vertical or horizontal position, both incorporate a serpentine heat coil design which allows for optimum heat transfer in a forced circulation solar system.

Utilizing these solar thermal flat plate collectors in your project is sure to be a success due to the high efficiency design, ease of installation and long life. We feel so confident about the quality of this product that we back it with a 10-year limited warranty.



Product Advantages



- High efficiency design
- Versatile on-roof or free standing installation
- Easy installation utilizing optional substructure/piping kits and roof mounts
- 10- year Limited Warranty
- SRCC – OG100 Certified



SLV /SLH Construction

Housing – Weather-resistant anthracite powder coated aluminum frame.

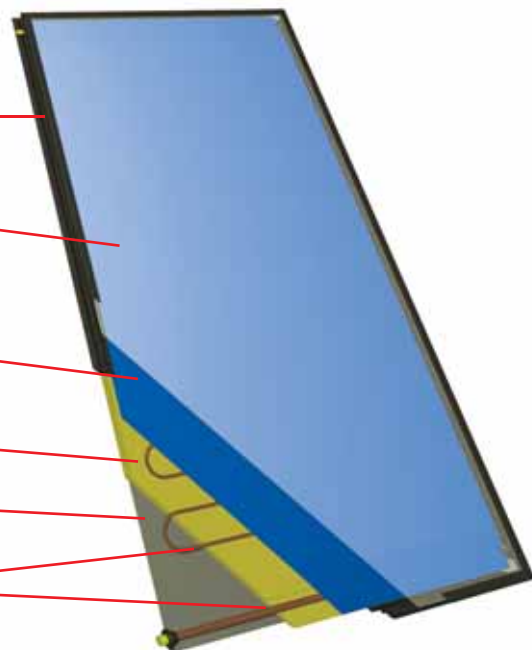
Cover - Low iron, prismatic solar, tempered safety glass, .16" thick with high light transmission

Absorber – Laser-welded full area absorber with high-selectivity PVD coating

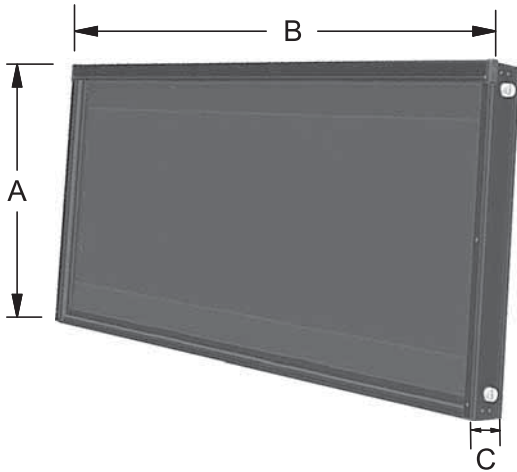
Insulation - 1.57" mineral wool, emission-free, non-flammable insulation

Rear Panel – Structured Aluminum rear panel

Solar Transfer - .31" serpentine copper tube with .71" copper header



Light Duty Collectors Dimensions and Specifications

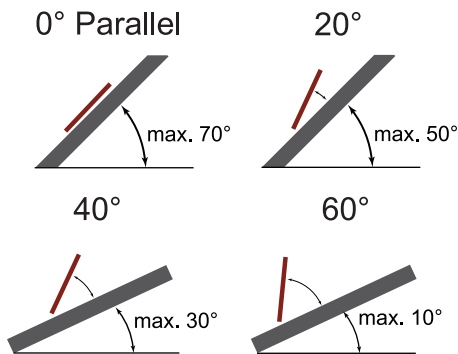


	SLV030	SLH030
Gross Surface Area	27.45 sq. ft	27.45 sq. ft
Dimension "A"	7' 1"	3' 10"
Dimension "B"	3'10"	7' 1"
Dimension "C"	3.5"	3.5"
Weight	102 lbs	102 lbs
Solar Transfer Volume	0.55 gallons	0.55 gallons
Max. Working Temperature	248°F	248°F
Max. Working Pressure	145 psi	145 psi
Max. Snow Load	61.4 lb/ft ²	61.4 lb/ft ²
Wind Load Certification	74.14 psf	74.14 psf
Warranty	10 year limited	10 year limited

SLV / SLH Collector Substructure Kits

Basic Set - Includes all necessary components required to install one collector. Kits include aluminum substructure, supply and return starter piping, thermal well, cap and fasteners to connect solar panel and substructure together.

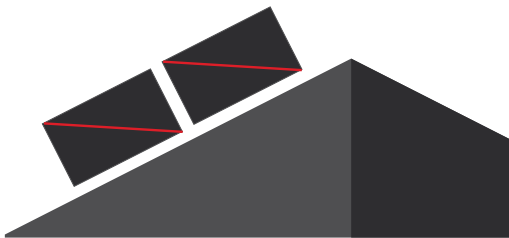
Expansion Set - Includes additional substructure and hydronic connectors to add one additional solar panel to the array. You can use up to 5 expansion sets per basic set, for arrays with more than 6 panels, consult factory.



	0° Parallel	20°	40°	60°
SLV (Vertical)				
Basic Set	SSK20006	SSK20007	SSK20008	SSK20009
Expansion Set	SSK20010	SSK20011	SSK20012	SSK20013
SLH (Horizontal)				
Basic Set	SSK20014	SSK20015	SSK20016	SSK20017
Expansion Set	SSK20018	SSK20019	SSK20020	SSK20021

Gable Roof Bracing Kits

Additional bracing for use with SLV/SLH substructure kits when installing at right angles to the gable, roof pitch 10° to 30°. One gable kit is required per basic and expansion substructure kits.



Bracing Kits	
SLV (Vertical)	
Basic Set	GBK20001
Expansion Set	GBK20004
SLH (Horizontal)	
Basic Set	GBK20002
Expansion Set	GBK20005



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