



Lochinvar[®]
High Efficiency Water Heaters, Boilers and Pool Heaters

**Commercial Solar
Flat Panel Collector
Submittal Sheet**

SCH-Sub-01

COMMERCIAL SOLAR FLAT PANEL COLLECTORS

JOB NAME _____

LOCATION _____

ARCH./ENGR. _____

WHOLESALE _____

MECH. CONTRACTOR _____

MODEL NO. _____

NOTES

Standard Features

- 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

Optional Equipment

Place an X in the box by all options that apply

Substructure Kits

	SCH065	SCH090	SCH110	SCH130
Angle Brackets				
Parallel/0°				
Bottom Hooks	(2) SSK20005	(3) SSK20005	(3) SSK20005	(3) SSK20005
Side Brace	(2) SSK20004	(2) SSK20004	(2) SSK20004	(2) SSK20004
20°	(2) SSK20001	(3) SSK20001	(3) SSK20001	(4) SSK20005
40°	(2) SSK20002	(3) SSK20002	(3) SSK20002	(4) SSK20002
60°	(2) SSK20003	(3) SSK20003	(3) SSK20003	(4) SSK20003
Horizontal Bars				
(for 0°,20°,40°,60°)	(2) SCA20001	(2) SCA20002	(2) SCA20003	(2) SCA20004
U Channel Supports				
(for 0°,20°,40°,60°)	(3) SCA20005	(3) SCA20006	(3) SCA20007	(3) SCA20008

Bracing Kits

Basic Set GBK20003

Mechanical Connections

Side by Side MCK20001

Stacked MCK20002

Piping Cover

Side of Collector MCK20003

Expansion Connection Sets

One over Other HYK20003

Parallel HYK20004

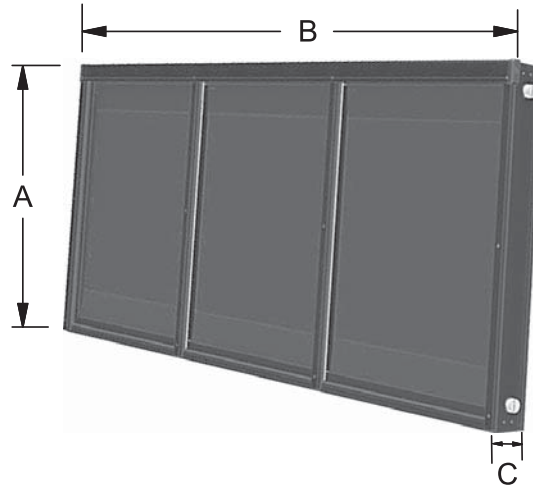
Series HYK20005

Hydronic Connections

(2) 6' x 6' HYK20001

(1) 6'-6" (1) 13' HYK20002

Flat Panel Collectors Dimensions & Specifications



	SCH065	SCH090	SCH110	SCH130
Number of Glass Panels	3	4	5	6
Gross Surface Area (sq. ft)	65.66	87.19	108.72	130.2
"A" Dimension	6' 7"	6' 7"	6' 7"	6' 7"
"B" Dimension	9' 10"	13' 2"	16' 4"	19' 7"
"C" Dimension	5.25"	5.25"	5.25"	5.25"
Weight	309 lbs	411 lbs	513 lbs	614 lbs
Solar Transfer Volume	1.43 gallons	1.9 gallons	2.38 gallons	2.86 gallons
Max Operating Temperature	248°F	248°F	248°F	248°F
Max Operating Pressure	145 psi	145 psi	145 psi	145 psi
Max Snow Load	61.4 lb/ft ²	61.4 lb/ft ²	61.4 lb/ft ²	61.4 lb/ft ²
Wind Load Certification	74.14 psf	74.14 psf	74.14 psf	74.14 psf
Warranty	10 yr. limited	10 yr. limited	10 yr. limited	10 yr. limited



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