

## **SOLAR COLLECTORS**

The new GOBI has undergone a complete transformation for 2011 making it the industry's best flat plate collector. By redesigning the frame and incorporating state of the art components, the GOBI has a reduced profile and even better performance. With 3 sizes and 2 absorber surface types to choose from, there is a GOBI collector for every type of solar water heating application.

**Thinnest Profile** – The redesigned frame is easier to handle for installers and offers the end user a streamlined, sleek look on their roof compared to bulky traditional flat plate collectors.

**Rated Top Performance** – New SRCC ratings certify that the GOBI now ranks among the best OG-100 collectors. The high energy output of the GOBI offers maximum performance out of the solar hot water system.

**Easiest to Install** – The GOBI retains its unique Dyn-O-Seal (DOS) union interconnection method. DOS unions come factory assembled and eliminate the time consuming task of soldering each collector together in an array.

## **New Design Features**

- 1" reduction in frame thickness
- Improved insulation
- Full plate absorber
- Rounded frame edge
- OG-100 certified with higher performance and efficiency



Low profile, 6063-T6 anodized aluminum frame makes the collector extremely rigid and rust proof

Factory fitted 1" Dyn-O-Seal interconnections eliminate the need for soldering when connecting or capping off collectors

Pipes sized for minimal pressure drop and optimal flow



Double-strength tempered low iron solar glass with anti-glare finish resists potential damage from harsh weather conditions

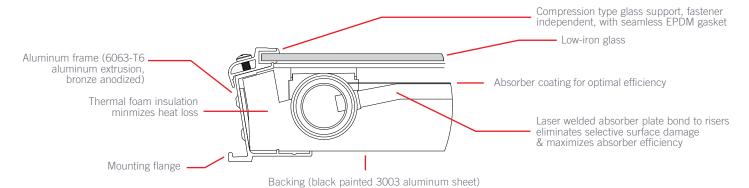
2.8" thick profile makes the GOBI the thinnest collector available in the U.S.

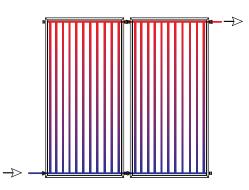
Built-in flange for mounting without collector penetration

Weep slots minimize condensation



## **TECHNICAL SPECIFICATION**

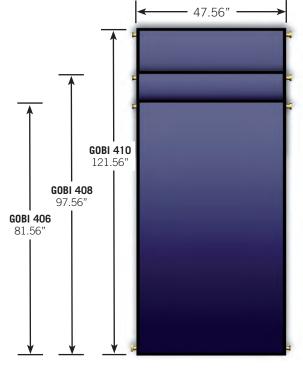




GOBI headers fit together up to 8 collectors in 1 array. Solar fluid absorbs heat as it flows from the bottom to top within 11 parallel riser tubes.

## SRCC SRCC OG-100 RATINGS (CLEAR DAY)

Co	ollector size	GOB	1 406	GOBI	408	GOE	81 410
Ab	sorber coating	High Selective surface (GOBI 406 001)	Semi Selective surface (GOBI 406 002)	High Selective surface (GOBI 408 001)	Semi Selective surface (GOBI 408 002)	High Selective surface (GOBI 410 001)	Semi Selective surface (GOBI 410 002)
	ertification Number	2010115C	2010115B	2010115D	2010116C	2010115A	2010116A
Category (Ti – Ta)	A (-9°F)	30.97	27.5	37.23	35.5	46.43	42.57
	B (9°F)	26.63	21.8	31.90	29.2	40.04	36.71
	C (36°F)	20.98	14.6	24.96	21.2	31.69	28.28
	D (90°F)	11.54	3.20	13.41	8.80	17.76	12.42
	E (144°F)	4.60	0.02	5.05	1.10	7.36	0.83



NOTE: GOBIs all have a depth of 2.8"

TECHNICAL SPECIFICATIONS	GOBI 406	GOBI 408	GOBI 410
Gross Area	26.94 ft <sup>2</sup>	32.23 ft <sup>2</sup>	40.15 ft <sup>2</sup>
Net Area	24.91 ft <sup>2</sup>	29.83 ft <sup>2</sup>	38.3 ft <sup>2</sup>
Dry Weight	74 lbs.	102 lbs.	127 lbs.
Fluid Capacity	0.6 gal	0.7 gal	0.8 gal
Maximum Operating Pressure		150 psi (10.34 Bar)	
Recommended Design Flow Rate (glycol/water mix)	0.8 gal/min	1.0 gal/min	1.25 gal/min
Recommended Design Flow Rate (water)	0.7 gal/min	0.8 gal/min	1.0 gal/min
Wind Load Certification		50 psf (2.39 kPa)	

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