

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.

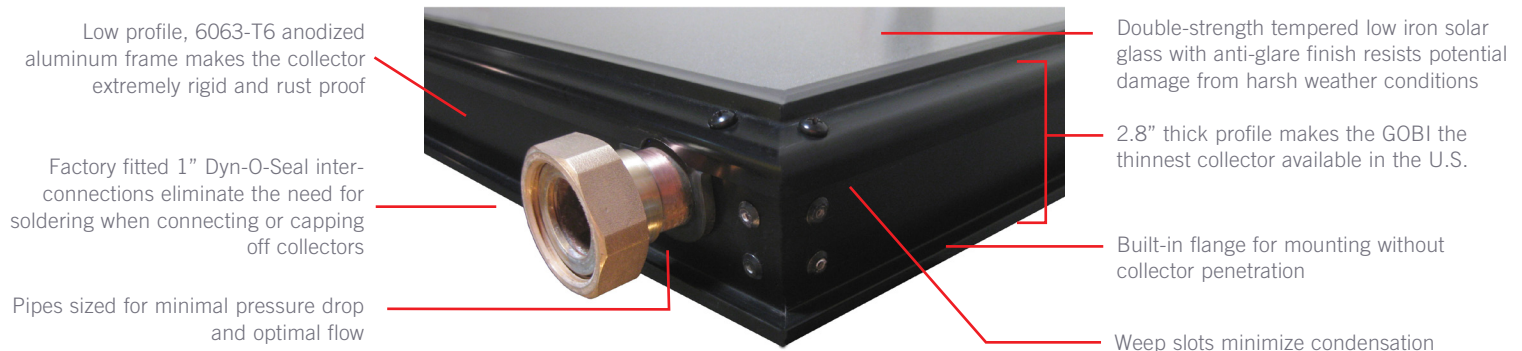
Easiest to Install – The GOBI retains its unique Dyn-O-Seal (DOS) union interconnection method. DOS unions come factory assembled and eliminate the time consuming task of soldering each collector together in an array.

New Design Features

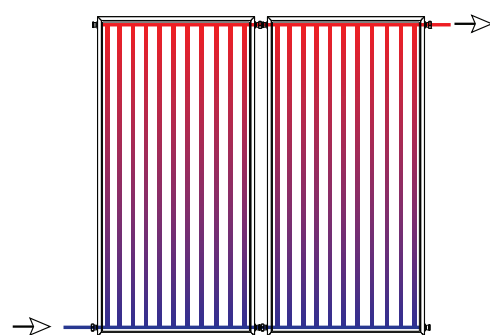
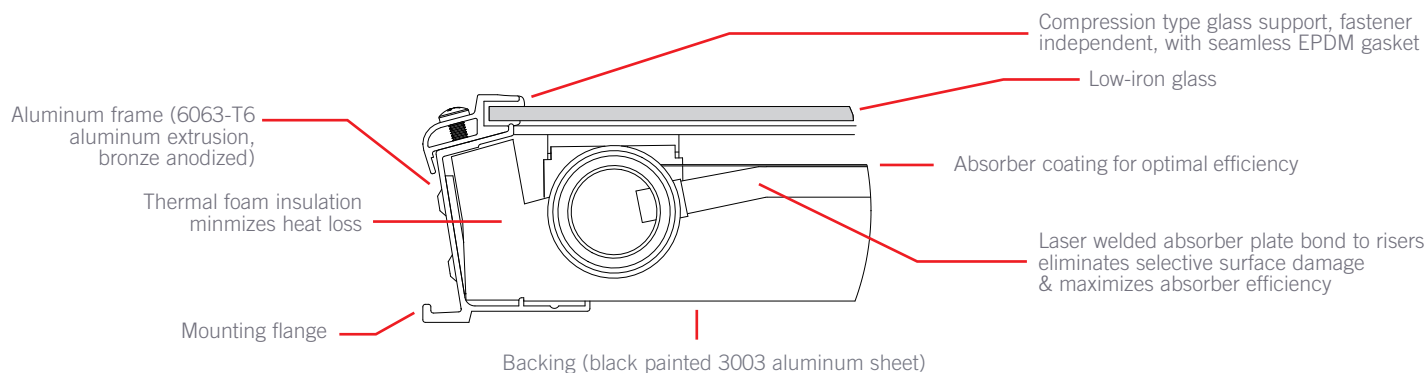
- 1" reduction in frame thickness
- Improved insulation
- Full plate absorber
- Rounded frame edge
- OG-100 certified with higher performance and efficiency



DOS unions are included to connect and cap off collectors

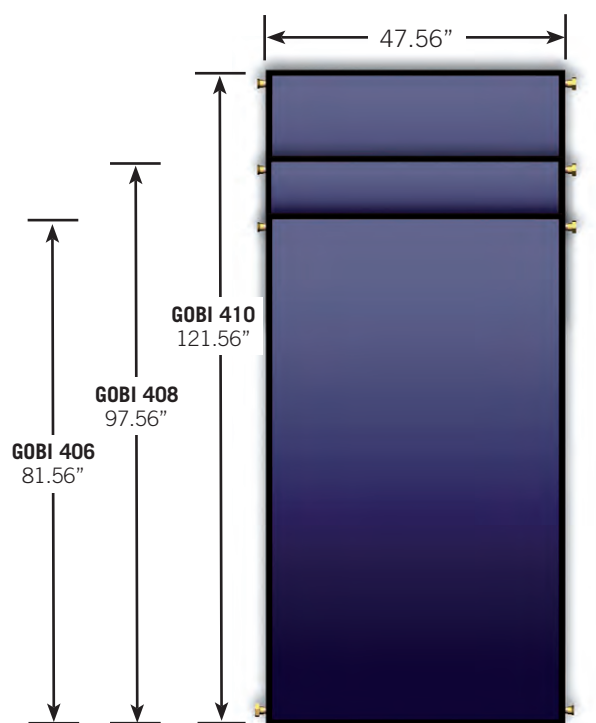


TECHNICAL SPECIFICATION



SRCC SRCC OG-100 RATINGS (CLEAR DAY)

Collector size		GOBI 406		GOBI 408		GOBI 410	
Absorber 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)
Certification 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 ft²

32.23 ft²

40.15 ft²

Net Area

24.91 ft²

29.83 ft²

38.3 ft²

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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SOLAR HOT WATER