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 inter-connections 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

Weep slots minimize condensation

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

Built-in flange for mounting without collector penetration

DOS unions are included to connect and cap off collectors

100% factory-tested to 300 psi
TECHNICAL SPECIFICATIONS

Aluminum frame (6063-T6 aluminum extrusion, bronze anodized)

Thermal foam insulation minimizes heat loss

Mounting flange

Backing (black painted 3003 aluminum sheet)

Compression type glass support, fastener independent, with seamless EPDM gasket

Low-iron glass

High selective surface absorber coating (Variant 001) with 95% absorption & only 5% emissivity for optimal efficiency

Laser welded absorber plate bond to risers eliminates selective surface damage & maximizes absorber efficiency

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.

GOBI 406
Gross Area 26.94 ft²
Net Area 24.91 ft²
Dry Weight 74 lbs.
Fluid Capacity 0.6 gal
Maximum Operating Pressure 150 psi (10.34 Bar)
Recommended Design Flow Rate (glycol/water mix) 0.8 gal/min
Recommended Design Flow Rate (water) 0.7 gal/min
Wind Load Certification 50 psf (2.39 kPa)

GOBI 408
Gross Area 32.23 ft²
Net Area 29.83 ft²
Dry Weight 102 lbs.
Fluid Capacity 0.7 gal
Maximum Operating Pressure 150 psi (10.34 Bar)
Recommended Design Flow Rate (glycol/water mix) 1.0 gal/min
Recommended Design Flow Rate (water) 0.8 gal/min
Wind Load Certification 50 psf (2.39 kPa)

GOBI 410
Gross Area 40.15 ft²
Net Area 38.3 ft²
Dry Weight 127 lbs.
Fluid Capacity 0.8 gal
Maximum Operating Pressure 150 psi (10.34 Bar)
Recommended Design Flow Rate (glycol/water mix) 1.25 gal/min
Recommended Design Flow Rate (water) 1.0 gal/min
Wind Load Certification 50 psf (2.39 kPa)

SRCC SRCC OG-100 RATINGS (CLEAR DAY)

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NOTE: GOBIs all have a depth of 2.8”