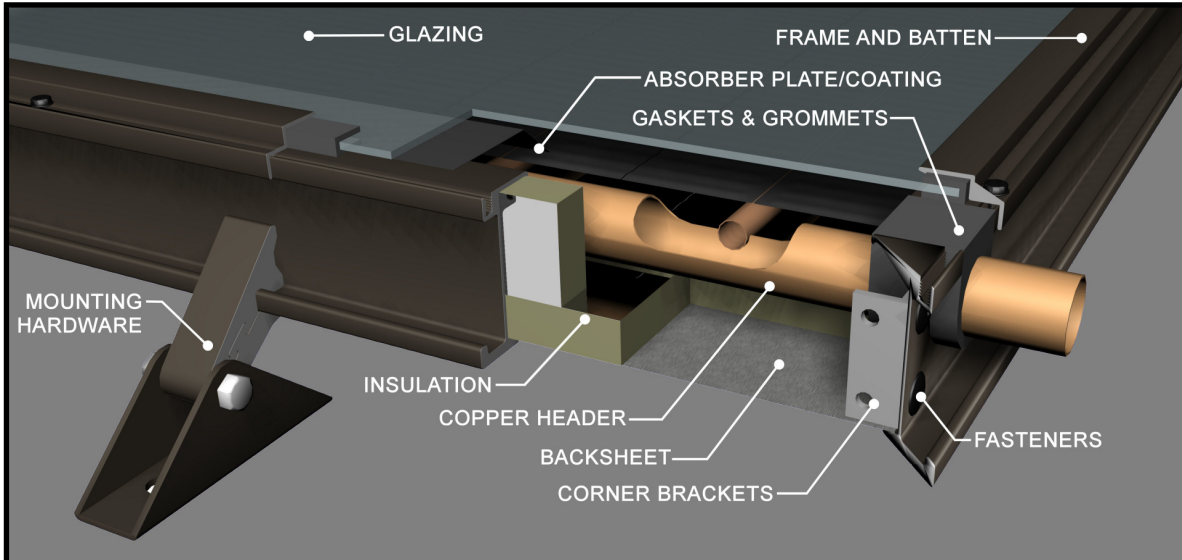




COLLECTOR SPECIFICATIONS

Collector: MS-40	Length: 122.125 in.	Width: 47.875 in.
Height: 3.125 in.	Gross Area: 40.60 ft ²	Transparent Area: 38.54 ft ²
Header Size: 1"	Header Length: 50"	Fluid Capacity: 1.22 gals.
Dry Weight: 151 lbs.	Max. Oper. Temp. : 350 °F	Avg. BTU's/Day: 40,500*
Rec. Flow Rate: 1.50 gpm	Warranty: 10 Years*	Design Life: 30 Years



Collector Frame and Battens:

Type 6063-T6 anodized with architectural bronze extruded aluminum frame and battens.

Backsheet:

Type 3105-h14, 0.019" stucco embossed aluminum sheet riveted to aluminum frame.

Corner Bracket:

Architectural aluminum angles inside with aircraft-grade pin grip rivets.

Insulation:

Polyisocyanurate closed cell insulation. Foil-faced, glass fiber-reinforced, rigid board.

Absorber Plate:

Manufactured by Thermafin™ Mfg., a 100% copper absorber plate, high-frequency forge welded to create a homogeneous connection between the fin and riser tube.

Absorber Coating:

Exclusively by Thermafin™ Manufacturing Selective Crystal Clear Coating
 $\alpha \approx 0.96$ $\epsilon \approx 0.08$

Glazing:

Low-Iron Tempered Glass "High-T" with a total solar energy transmission of 90%.

Gaskets & Grommets:

A UV durable EPDM, continuous U-channel gasket with molded corners. Extruded Silicone Grommet, 1-1/8" Bore.

Fasteners:

Batten screws are 18-8 SS, 10-24 x 3/8", hex head screws, black oxide coated.

Mounting Hardware:

The "Quick Lock" mounting design reduces mounting time. All mounting hardware integrates with frame extrusion and is tested to 102 PSF with safety factor of two.

*See written warranty for more details.

*BTU production based on SRCC certification Category C.