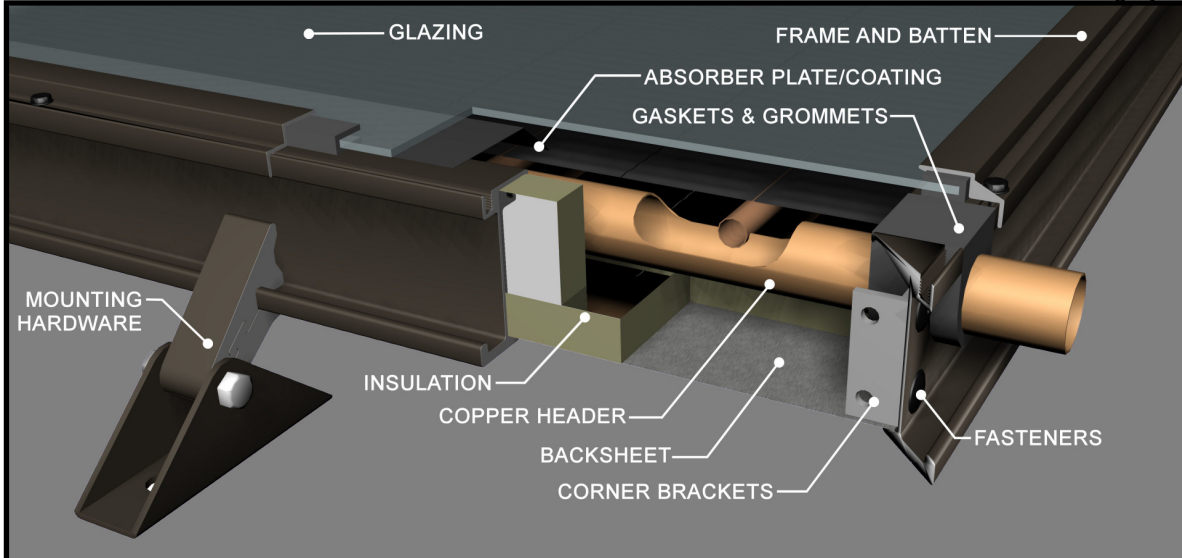




COLLECTOR SPECIFICATIONS

Collector: MS-26	Length: 78.125 in.	Width: 47.875 in.
Height: 3.125 in.	Gross Area: 25.97 ft ²	Transparent Area: 23.37 ft ²
Header Size: 1"	Header Length: 50"	Fluid Capacity: 0.90 gals.
Dry Weight: 91 lbs.	Max. Oper. Temp. : 350 °F	BTU's Per Day: 25,500*
Rec. Flow Rate: 1.25 gpm	Warranty: 10 Years	Design Life: 30 Years

*OG-100 ICC-SRCC Climate Category C



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.

PLUMB IN REVERSE RETURN PIPING FOR PROPER FLOW. DO NOT EXCEED 7 COLLECTORS PER ARRAY.