

**FEATURING TINOX BLUE
SPUTTERED ABSORBER**

High quality, environmentally friendly titanium and quartz cover the metallic substrates.



LOW PROFILE

Black aluminum extrusion casing looks attractive on a roof, resembling a low profile skylight.



HIGH PERFORMANCE

11 copper risers are ultrasonically welded to blue sputter coated copper fins for maximum heat transfer and high efficiency.

SOLARHOT PLATINUM SERIES



SOLARHOT collectors are a fine-tuned design, manufactured using first quality materials and advanced techniques, which result in highly efficient, durable products you can depend on for years to come.



1. Absorber Plate - The absorber plate consists of copper fins ultrasonically welded to copper risers, this provides excellent heat transfer between the fins and risers, ensuring high efficiency.

2. Absorber Plate Coating - The absorber plate is coated with a German engineered blue sputtered coating, the most efficient absorber coating without exception. The absorption rate is 95% with extremely low emissivity of 5%.

3. Insulation - We spray polyurethane foam insulation into the cavity eliminating any issues with air infiltration. On top of the polyurethane we add a layer of mineral wool for extra insulation to further lock in the heat.

4. Solar Glass Glazing - The single pane 4 mm solar glass is patterned to reduce reflection and is tempered to maximize strength and durability. The low iron oxide content of 0.03% enables a high solar transmittance of 91%.

5. Casing - The black aluminum extrusion casing looks attractive on a roof. The unique design does not have any obtrusive bolts or screws. It resembles a low profile skylight.

6. Gasket - The all-around EPDM gasket is highly resistant to temperature variations and UV radiation. The gasket absorbs the differential expansion of the frames and glazing.

7. Tubing Grid - ½" copper risers are brazed to 1" copper manifolds for optimal flow distribution. SOLARHOT collectors have 11 risers - that's 10% more risers than other leading flatplate collectors.

8. Piping Connection - Four 1" stub-out sweat connections.

9. Back Plate - The aluminum back plate is lightweight, long lasting and corrosion resistant.

10. Aluminum Foil - Attached to the insulation, the aluminum foil acts as a barrier against out-gassing.

Contact your local SOLARHOT dealer:

SOLARHOT

Making Solar Make Sense

Call us (919) 439 2387

or visit us on the web - www.solarh2ot.com