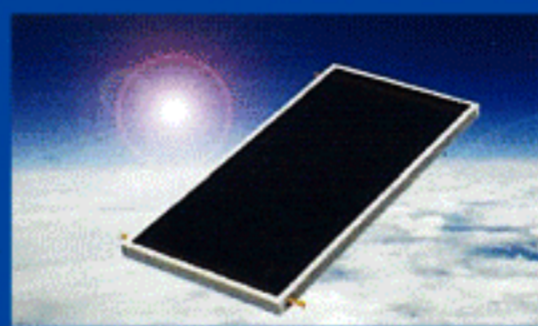


YUHO
TECHNOLOGY LTD.



HEAT PIPE

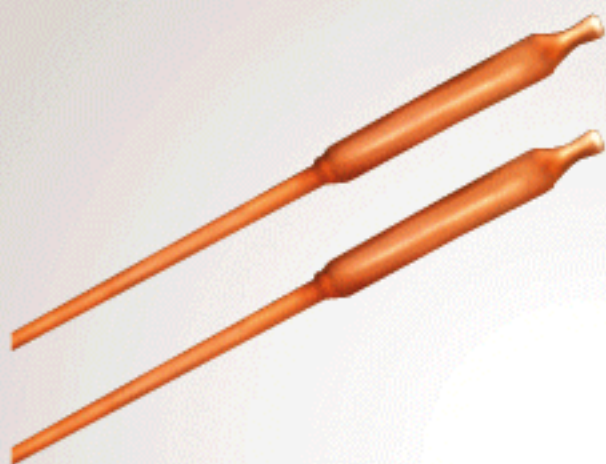
SOLAR WATER HEATER



www.yuho.tw

ABOUT US

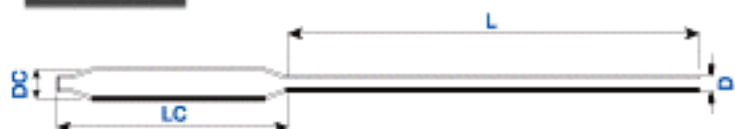
YOUR HOME TECH., LTD, who focus on developing **high performance heat pipe solar thermal collector**. YUHO has over 10 years experience in developing and producing heat pipe with evacuated tube collectors. Did you know that lifespan of heat pipe play a leading role of the solar thermal collector? It transfers thermal energy which is absorbed by vacuum tube to manifold. That is why the producing process of heat pipe by YUHO are following highest standard. YUHO insist on supplying best quality merchandise.



YUHO INSISTENCE

1. Material of YUHO heat pipe, red copper pipe, import from Japan.
To ensure lifespan and purity (99.99%) of heat pipe.
2. Every single heat pipe is made of copper, even the welding parts.
3. Producing process is following highest standard.
4. Automatic production line, which supply reliable and stable products.
5. Each heat pipe is tested for heat transfer performance prior to being approved to use.
6. Lifespan expectancy of heat pipe is even longer than solar collector.

DIMENSION



Heat pipe		Condenser	
D (mm)	L (mm)	DC (mm)	LC (mm)
Ø8	1000	Ø14	50
	1500		
	1700		100
	1800		
	2000		

Accept custom-made specification of heat pipe.

FEATURE

1. High heat transferring efficiency.
2. Applicable in any weather.
3. Long lifespan.
4. Wide application range.
5. Automatic producing process.



HEAT PIPE VACUUM TUBE SOLAR COLLECTOR

YUHO heat pipe solar thermal collector can be started quickly even under cloudy day. When vacuum tube absorber energy from sun, heat pipe transfer energy from tubes to manifold immediately. 360° absorber vacuum tube make the most efficient and sustained use of the sun's energy all year round. The vacuum between two glass tubes prevents heat loss even at Frigid Zone. Manifold made of aluminum-alloy with perfect injected polyurethane insulation layer. Interior manifold is made of copper.

TECHNICAL PARAMETER

Solar Collector

Absorber: Heat pipe evacuated tube
Thermal Absorption: > 0.86%
Thermal Emissive: < 0.08%
Coating: AL/AL-ALN; CU/SS-ALN

Evacuated Tube

Outer Diameter: Ø58 mm
Length: 1700mm
Material: High Boron Silicon Glass 3.3
Thickness: 1.6 mm

Manifold

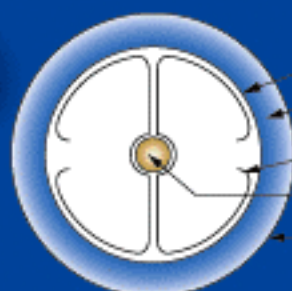
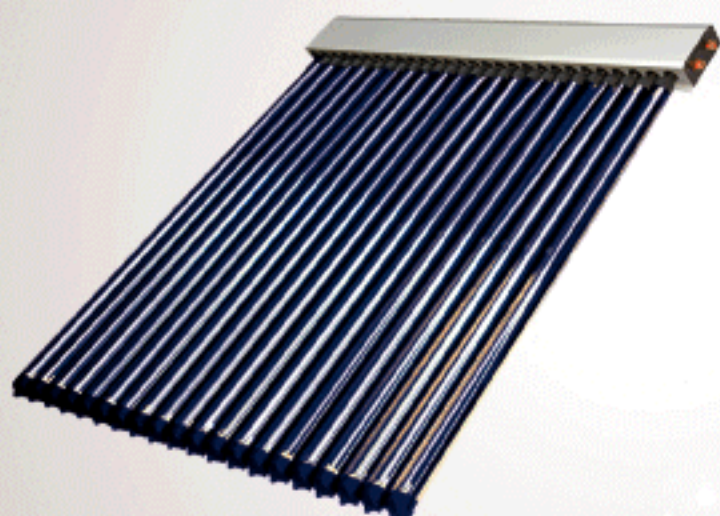
Material: Copper
Outer Covering: Aluminum-alloy
Connection: 3/4" (Inlet & Outlet)
Pressure Resistance: 0.7 Mpa

Frame

Material: Aluminum-alloy

Antifreeze

Antifreeze liquid refers to local relevant standard



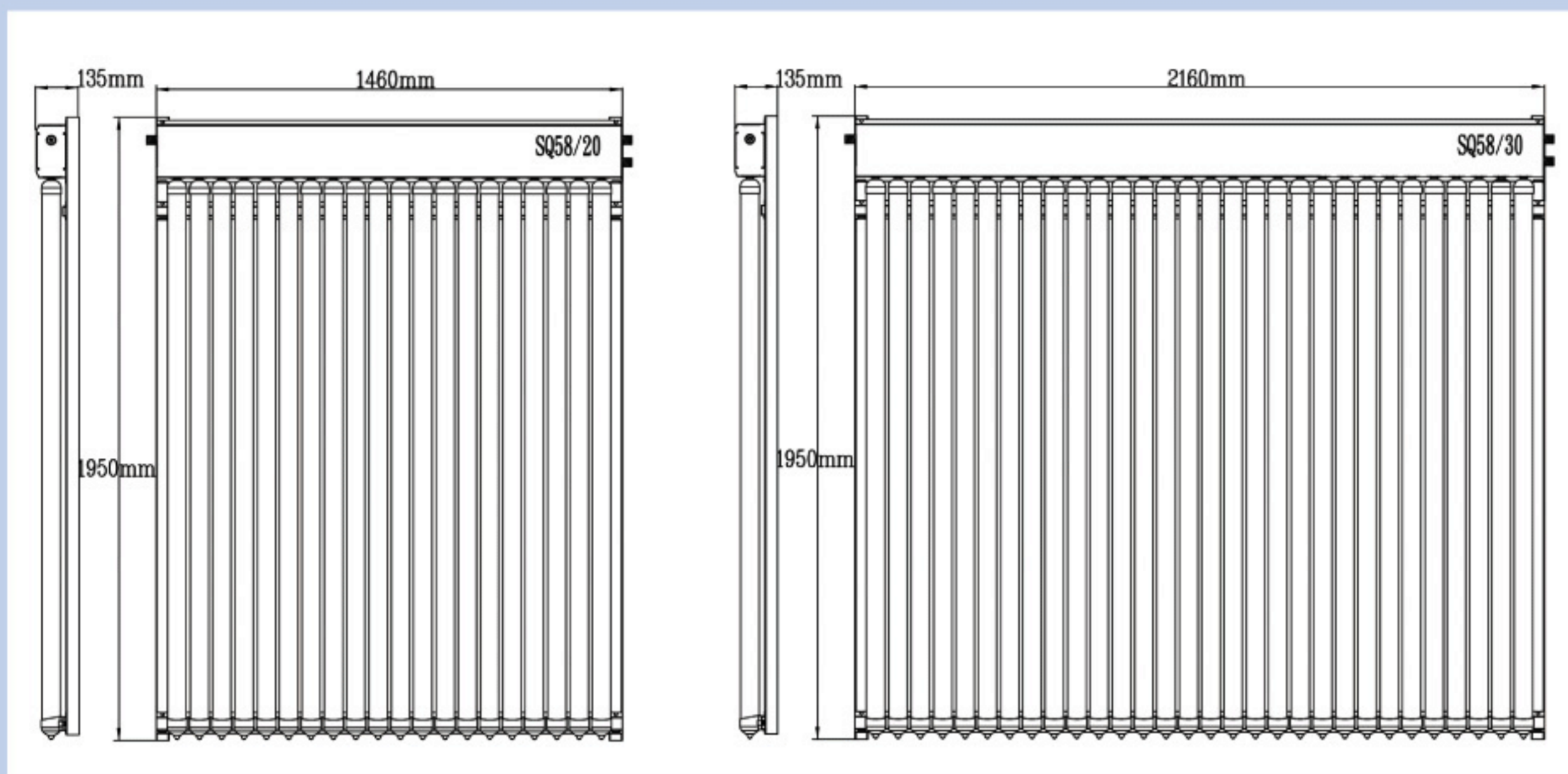
Absorb Coating:AL/AL-ALN

Vacuum

Aluminum fin

YUHO heat pipe

Borosilicate Glass



VACUUM TUBE SOLAR COLLECTOR CONVENTIONAL SPECIFICATION

Model	Heat pipe with vacuum tube			Manifold	Bracket	Pressure Resistance (Mpa)
	Quantity (pcs)	Diameter (mm)	Length (mm)	Casing	Material	
SQ58/10	10	58	1700	Aluminum	Aluminum	0.7
SQ58/20	20	58	1700	Aluminum	Aluminum	0.7
SQ58/30	30	58	1700	Aluminum	Aluminum	0.7

YOUR HOME TECH.,LTD

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