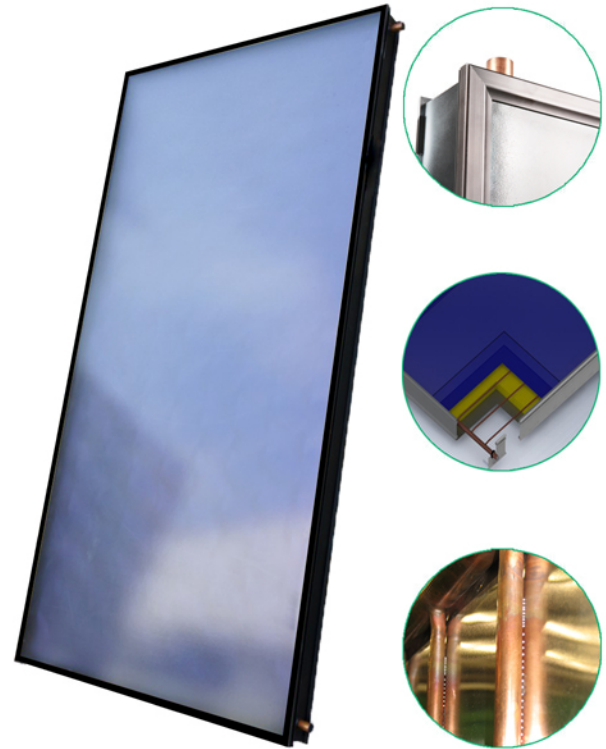


Feature & Advantage:

- High efficient Blue Selective Coating on full aluminum plate , absorptivity up to 95%(±2%), and emissivity as low as 5% (±2%)
- Full aluminum plate and copper flow channel by laser welding
- Low-iron tempered textured glass, extra clear, high transmittance above 92%
- High-quality aluzinc steel plate as back sheet to ensure strength and anti-corrosion
- Aluminium foil full packaged insulation to prevent heat loss
- Casing frame is treated by anodization for anti-corrosion
- Have passed EN12975-1, 2, ISO9806-1 tests
- AS NZS 2712, Water Mark, Solar KeyMark, SRCC Certified



Instantaneous Efficiency Curve

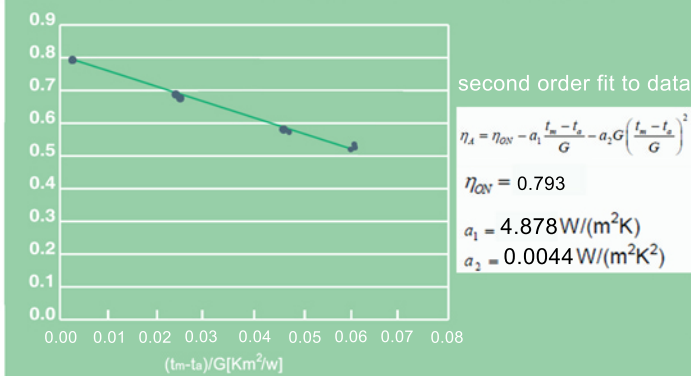


Fig.2.5.1. Nonlinear test data correlation (aperture area)

MODEL NO. & SPECIFICATION		STE-FP3.0-E	STE-FP3.0-G
Overall Data	Dimensions (mm)	2000x1000x95	2000x1250x95
	Overall area (m ²)	2	2.5
	Aperture area (m ²)	1.9	2.35
Absorber	Header tube dimension(mm)	Φ19 / Φ22 / Φ25 * 0.6 / 0.91mm	
	Riser tube dimension(mm)	Φ10 / Φ8*0.6mm*8 pcs	Φ10 / Φ8*0.6mm*10 pcs
	Welding way	Laser welding	
	Max. working pressure	0.8Mpa	
	Absorber material	0.4mm thick Full Aluminum Plate	
	Absorber coating	Blue Selective Coating	
	Emittance	5%	
Insulation	Insulation material	24kg/m ³ Density / Aluminum Foil Full Packaging	
	Insulation thickness(mm)	Back: 50mm	
Glazing	Transmittance	92%	
	Material	Low-iron Tempered Textured Glass / 3.2mm Thickness	
Casing	Frame	Anodized aluminum alloy	
	Back plate	Aluzinc steel	
	Frame color	Silver/Black	
	Sealing gasket	Silicone glue	