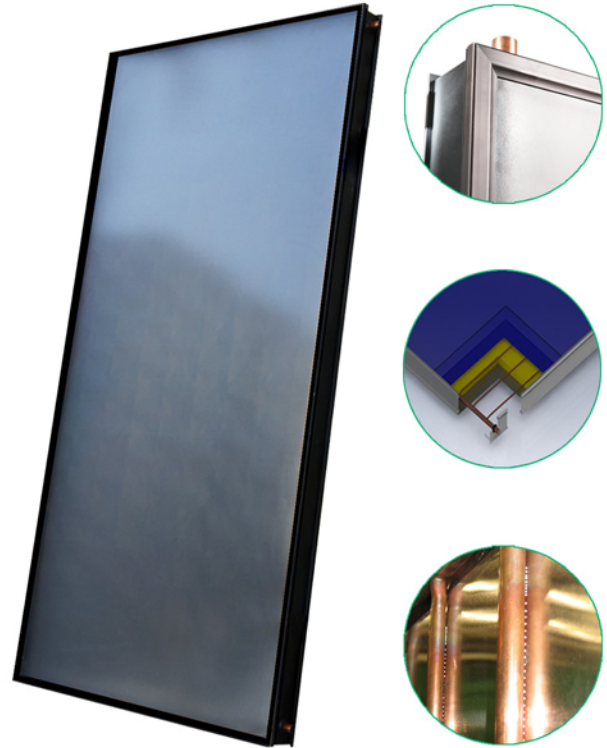


Feature & Advantage:

- High efficient Black Chrome Coating on full aluminum plate absorptivity up to 94%(±2%), and emissivity as low as 10% (±5%)
- 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 Certificated



Instantaneous Efficiency Curve

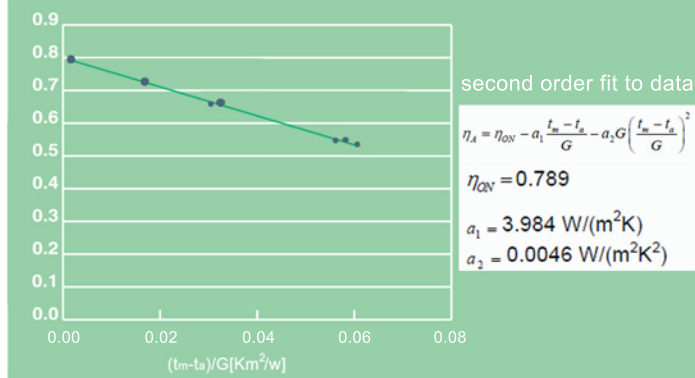


Fig.2.5.1. Nonlinear test data correlation (aperture area)

MODEL NO. & SPECIFICATION		STE-PTY80-2.0	STE-PTY80-2.5	STE-PTY95-2.0	STE-PTY95-2.5
Overall Data	Dimensions (mm)	2000x1000x80	2000x1250x80	2000x1000x95	2000x1250x95
	Overall area (m ²)	2	2.5	2	2.5
	Aperture area (m ²)	1.9	2.35	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	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	Black Chrome Coating			
	Absorption	95%			
	Emittance	<11%			
Insulation	Insulation material	24kg/m ³ Density / Aluminum Foil Full Packaging			
	Insulation thickness(mm)	Back: 30 mm		Back: 50 mm	
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			