

SPLIT SOLAR COLLECTOR HEAT PIPE



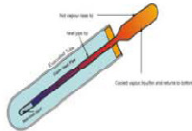
TZ58/1800-R1



TZ58/1800-R2

THE CHARACTERS:

1. the water is heated by the heat pipe rapidly.
2. there is no water in the vacuum tube, so the tube will not break in winter.
3. it can be combined with the architecture perfectly.
4. it can be combined with existing pipeline.
5. it will be effected by the local water quality ,it doesn't suit hard water .
6. it can still work in the event of occasional tube breakage.



THE DETAILS OF MATERIAL:

Outer tank: Alnico-1.5mm
Manifold: 1inch

THE SPECIAL ADVANTAGES OF NEW TYPE COLLECTOR

1. New manifold, more stronger
2. The frame can be adjusted
3. Easy installation
4. Tail stock support is made of Alnico



TZ47/1500

Parameter Table

Specifications	Unit	Content				
Product type		TZ58/1800-R1(TZ58/1800/R2)				
Number of vacuum tube		10	15	20	25	30
Contour aperture area	m ²	1.303	1.972	2.641	3.310	3.979
Specification of vacuum tube		58*1800				
Valid absorption length	m	1.715				
Absorption(a)		More than 94%				
Emission(e)		Less than 7%				
Length/width/height	mm	2020*995*155	2020*1410*155	2020*1825*155	2020*2240*155	2020*2655*155
Volume of the fluid	L	0.77	1.155	1.54	1.925	2.3
Manifold connections	mm/inch	38mm(outer)/34mm(inner)†				
Test pressure	Pa	1Mpa				
Operating fluid pressure	Pa	0.6Mpa				
Max.stagnation temperature	degree	200.3°C				
Max.service temperature	degree	95°C				
Flow range recommendation	/m ² h	50-150l/m ² h				
Insulation thickness	mm	40				
Distance from tube to tube	mm	78				
Min.collector angle	degree	15				
Max.collector angle	degree	75				
Gross weight	kg	39.9	58.3	77.1	96.1	114.1
20GP/40GP/40HC loading Qty(sets)	set	140/300/340	92/200/228	70/150/170	56/120/136	46/100/112

Parameter Table

Specifications	Unit	Content				
Product type		TZ47/1500R				
Number of vacuum tube		10	15	20	25	30
Contour aperture area	m ²	0.891	1.429	1.992	2.493	2.993
Specification of vacuum tube		47*1500				
Valid absorption length	m	1.43				
Absorption(a)		More than 94%				
Emission(e)		Less than 7%				
Length/width/height	mm	1660*920*150	1660*1270*150	1660*1620*150	1660*1970*150	1660*2320*150
Manifold connections	mm/inch	1				
Max.stagnation temperature	Pa	0.9MPa				
Operating fluid pressure	Pa	0.6MPa				
Max.stagnation temperature	degree	95				
Max.service temperature	degree	200				
Distance from tube to tube	mm	70				