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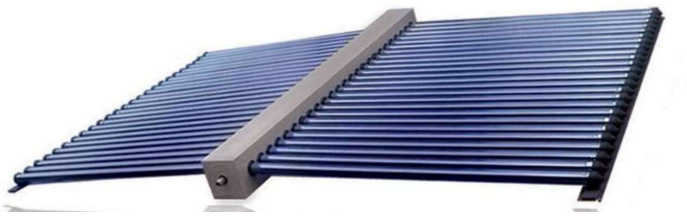

Greentech solar collector 50

Evacuated tube	
Length	1.8 m
Glass material	Borosilicate Glass 3.3
Outer tube dimeter and thickness	ϕ58 1.8 (mm)
Inner tube dimeter and thickness	ϕ47 1.6 (mm)
Coating	ALNO/ALNOSS/Cu
Degree of vacuum	≤5.2x10-4(Pa)
Hail proof	25 (mm)
Absorption coefficient	≥0.94
Emittance	≤0.06
Average heat loss coefficient	≤0.5(W/m2.C)
Maximum temperature	300°C
Service life	15 years
Absorber Area per tube	0.08m2
Solar collector	
Number of tubes	50
Collector material	304 stainless steel
Insulation	Polyurethane, 45 mm
Max pressure	1 bar
Seal material	Silicon rubber
Minimum area required for installation	380-230 cm