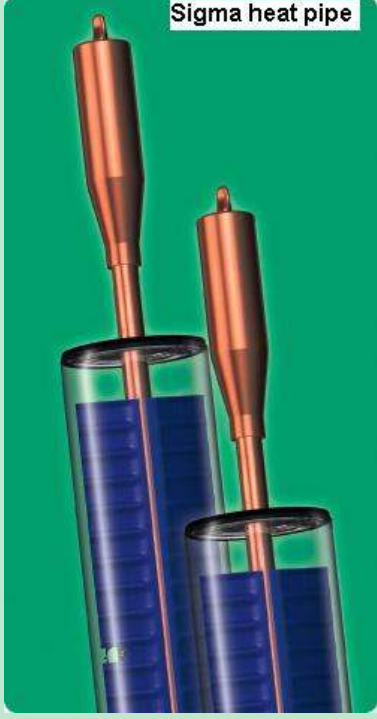


Technical Data

Sigma vacuum tube heat pipe

Coating of absorber: one side (Standard)	Sigma vacuum tube heat pipe		
Nominal length	2.000		
Length of glass tube (mm)	2.010		
Diameter of glass tube (mm)	56		
Length of connecting pipe (mm)	30,5		
Aperture face of glass tube (m ²)	0,1010		
Nominal tube output (W) at an irradiance of 1000 W/m ²	76		
Absorbed heat at 1000 kWh/a*m ² global radiation temperature difference 40 K (kWh/a)	68		
Absorbed heat at 1000 kWh/a*m ² global radiation temperature difference 100 K (kWh/a)	57		
Heat transmission coefficient linear (W/m ² *K)	1,12		
Heat transmission coefficient quadratic (W/m ² *K ²)	0,004		
Efficiency factor	0,750		
<p>Instructions for use :</p> <ul style="list-style-type: none"> - The vacuum tubes are working up to an angle of 20 degrees without any performance loss. - The tubes fulfill the requirements according to DIN EN 12975-2 - The tubes are designated for a lifetime of 20 years - The switch off temperature is 160 °C 			