



Technical data		Vacuum Tube Collector		
		 HomeEnergy		
Type	<i>Home Energy HP</i>			
Model	Heat – Pipe with dry connection			
Dimensions	HP 16	HP 12	HP 8	
Thickness	140 mm	140 mm	140 mm	
Width	1930 mm	1450 mm	970 mm	
Length	2140 mm	2140 mm	2140 mm	
Vacuum tube length	2110 mm	2110 mm	2110 mm	
Number of tubes	16	12	8	
Weight				
Empty	90,0 kg	67,5 kg	45,0 kg	
Filled	92,0 kg	69,0 kg	46,0 kg	
Surface area				
Gross	4,13 m ²	3,10 m ²	2,08 m ²	
Aperture	3,00 m ²	2,25 m ²	1,50 m ²	
Absorber	2,80 m ²	2,10 m ²	1,40 m ²	
Warmth medium	Tyfocor LS, of L			
Surface material				
Absorber layer	Sunselect: α : 95 % \pm 2% ϵ : 5 % \pm 2%			
Attachments	High-grade steel			
Housing	Aluminum			
Isolation	Rock wool 30 mm			
Hydraulic	Copper			
Glas buis	High-quality Boron Silica glass			
Diameter	100 mm			
Wall thickness	2,5 mm			
Length	1980 mm			
Isolation	10 ⁻⁸ bar High Vacuum			
Max. Operating Pressure	6 bar			
Mass stream	55 l/(m ³ /h) (Aperture surface)			
Standstill temperature	180 °C			