

## HP200

### Technical Specification HP200

	HP200 - 2m <sup>2</sup>	HP200 - 3m <sup>2</sup>
<b>Dimensions</b>		
Absorber Area	2.01m <sup>2</sup>	3.021m <sup>2</sup>
Overall Dimensions	2005 x 1418 x 97mm	2005 x 2127 x 97mm
Width of Manifold	1418mm	2127mm
Length (Tube and Manifold)	2005mm	2005mm
Depth	97mm	97mm
Fluid Volume (In Manifold)	1.1l	1.7l
Inlet and Outlet Dimensions	22mm	22mm
Weight (Empty)	50.3kg	75.1kg
<b>Mounting</b>		
Recommended Inclination	20-70°	20-70°
<b>Operating Data</b>		
Efficiency	Based on Absorber	Based on Absorber
eta 0	0.792	0.778
k1	1.25 W/m <sup>2</sup> K	0.91 W/m <sup>2</sup> K
k2	0.0088 W/m <sup>2</sup> K <sup>2</sup>	0.01 W/m <sup>2</sup> K <sup>2</sup>
<b>Test Report</b>		
Performance Test Report	BLG 10906	BLG 11006
<b>Quality Test report</b>		
Flow Rate		
Rated	160l/h	240l/h
Minimum	120l/h	180l/h
Maximum	300l/h	480l/h
Maximum Operating Pressure	8 Bar	8 Bar
Stagnation Temperature	183.6°C	183.6°C
Heat Transfer Fluid	Water/Glycol	Water/Glycol
<b>Materials</b>		
Absorber	Copper	Copper
Coating	Selective Coating	Selective Coating
Absorbance	95%	95%
Emissivity	5%	5%
Mounting Frame and Clips	Stainless Steel, Aluminium, EPDM	Stainless Steel, Aluminium, EPDM
Glass	Low Iron - Transm. 0.92	Low Iron - Transm. 0.92
Vacuum	Higher than 10 <sup>-8</sup> Bar	Higher than 10 <sup>-8</sup> Bar
Temperature limitation (Memotron)	95/130°C	95/130°C
Quality Certification / Solar Keymark	Yes	Yes