


SENSORS	FPC2.0M	FPC3.0M
Total surface	2 m <sup>2</sup>	3 m <sup>2</sup>
Opening surface	1,853 m <sup>2</sup>	2,828 m <sup>2</sup>
Absorber surface	1,853 m <sup>2</sup>	2,828 m <sup>2</sup>
Empty weight in total	32 kg	47 kg
<b>DIMENSIONS</b>	2000*1000*80mm	2000*1500*80mm
Capacity of absorber	1,66L	1,80L
Working pressure	12 bars	8 bars - 12 bars max
Debit	50-300 lh	50-300 lh
Working angle	0 à 90°	0 à 90°
Circulation liquid	Glycol or Water	Glycol or Water
<b>ABSORBER</b>		
Matenal	Aluminium	BLACK Titanium Alloy
Absorbitivity	95% ± 2%	95% ± 2%
Emissivity	8% ± 2%	8% ± 2%
Soldengng type	Ultrason	Laser
Surface treatment	Without treatment	Bluetec/Titane
Connection	G 3/4"	G 3/4"
<b>GLASS</b>	Tempered glass/ pnsn	Tempered glass/ pnsn
Thickness	4 mm	4 mm
Transmission	0,95	0,95
<b>FRAME</b>		
Material	Anodized aluminium	Anodized aluminium
Avaibale colors	Grey, Brown	Grey, Brown
<b>ISOLATION</b>		
Material	Glass wool	Glass wool
Dimensions and density	Bottom 50 mm, Border 20 mm, 35Kg/m3	Bottom 50 mm, Border 20 mm, 35Kg/m3
Joint	EPDM	EPDM
<b>PERFORMANCES</b>		
K1 (W/m <sup>2</sup> K)	4,93	4,93
K2 (W/m <sup>2</sup> K <sup>2</sup> )	0,010	0,010
n0	0,754	0,754
Stagnation temp	158 C°	158 C°

Conception - Design - Quality 

DOM Specialties:  
 Mechanical load test of the solar collector according to  
 NF EN 12975-2  
 article 5.9 DOM : P<sub>fmax</sub> 5650 26Pa  
 Test of resistance to choc according to NF EN 12975-2  
 article 5.3 : maximum height : 2m no damage



\* Anti piercing