

SENSORS	FPC2.0M	FPC3.0M
Total surface	2 m ²	3 m ²
Opening surface	1,853 m ²	2,828 m ²
Absorber surface	1,853 m ²	2,828 m ²
Empty weight in total	32 kg	47 kg
DIMENSIONS	2000*1000*80mm	2000*1500*80mm
Capacity of absorber	1,66L	2,47L
Working pressure	12 bars	12 bars
Debit	50-300 lh	50-300 lh
Working angle	0 à 90°	0 à 90°
Circulation liquid	Glycol or Water	Glycol or Water
ABSORBER		
Matenal	Titanium Alloy	Titanium Alloy
Absorbitivity	95% ± 2%	95% ± 2%
Emissivity	8% ± 2%	8% ± 2%
Soldenng type	Laser	Laser
Surface treatment	Without treatment	Bluetec/Titane
Connection	G 3/4"	G 3/4"
GLASS	Tempered glass/ pnsn	Tempered glass/ pnsn
Thickness	4 mm	4 mm
Transmission	0,95	0,95
FRAME		
Material	Anodized aluminium	Anodized aluminium
Avaiable colors	Grey, Brown	Grey, Brown
ISOLATION		
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
PERFORMANCES		
K1 (W/m ² K)	4,93	4,93
K2 (W/m ² K ²)	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_{fmax} 5650 26Pa

Test of resistance to choc according to NF EN 12975-2

article 5.3 : maximum height : 2m no damage



* Anti piercing