


SENSORS	FPC1200A	FPC1200D
Total surface	2 m ²	2 m ²
Opening surface	1,86 m ²	1,853 m ²
Absorber surface	1,86 m ²	1,853 m ²
Empty weight in total	32 kg	32 kg
DIMENSIONS	2005*1003*80	2000*1000*80
Capacity of absorber	1,8L	1,66L
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
ABSORBER		
Matenal	Aluminium	Bluetec/Titane
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"
GLASS	Tempered glass/ pnsn	Tempered glass/ pnsn
Thickness	4 mm	3.2 k,mm
Transmission	0,95	0,95
FRAME		
Material	Anodized aluminium	Anodized aluminium
Avaiable colors	Grey, Brown	Grey, Brown
ISOLATION		
Material	Rockwool	Glass wool
Dimensions and density	Bottom 50 mm, Border 20 mm, 35Kg/m3	δ=35mm, 35Kg/m3
Joint	EPDM	EPDM
PERFORMANCES		
a1 (W/m ² K)	5,084	4,81
a2 (W/m ² K ²)	0,0135	0,025
n0	0,718	0,706
Stagnation temp	153 C°	160.5 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