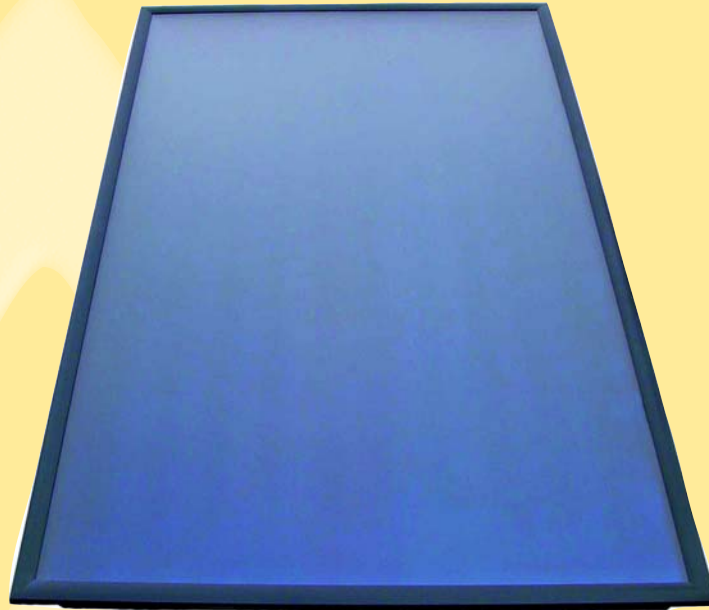




About more than 20 years your
competent partner in heating technology

NEHS SUPERIOR SX High capacity Flat Bed Collector



High capacity flat plate absorber with flat rolled copper tubes welded to the absorber plate. Compared to standard absorbers, the area of heat transfer is higher by factor 5 and thus transmission of heat is improved correspondingly. In addition, more absorber tubes are installed in the collector. Heat transmission is increased by another 30%. Due to this collector design and the ingenious flow ratio in the collector you receive a collector system with the highest capacity. The SUPERIOR SX Series can be used in conjunction with other heat source technologies (Oil, Gas, Wind, Wood burners etc.) Solar can also save you up to 70% on your domestic hot water and 30% on overall heating costs.

Flat Bed Collector SUPERIOR SX 2,85 for DHW and Central Heating Support. Up to 30% more efficient due to flat pipe technology and distance between the pipes, only 95mm. Frame and back panel made from aluminium make this collector truly one of the top class collectors.

Our high quality solar kits contain all you need and all the accessories:

- Solar collector SUPERIOR SX 2,00 and 2,85
- Collector Stainless Steel On-Roof Mounting Kit
- Flexible Stainless Steel Connector Pipes
- Fully insulated Solar Pump Modul containing gauges, anti-gravity brakes and valves
- Expansion Vessel including wall bracket and connection pipe
- Heat Transfer Medium for High Performance Solar Collector
- System Controller with temperature sensors for cylinder and collectors
- Mounting Instructions

Burner technology
Heating technology
Measuring technology
Solar technology
Heat pump technology



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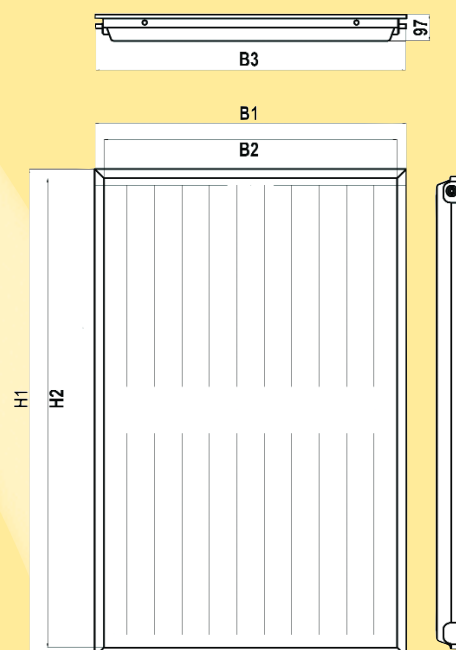
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For more information click www.nehs.eu

NEHS SUPERIOR SX

SUPERIOTR SX Serie	SUPERIOR SX 2,00	SUPERIOR SX 2,85
Mounting system	On-Roof	On-Roof
Absorption surface	Tinox	Tinox
Collector surface m ²	2,00	2,84
Absorption surface / m ²	1,81	2,57
Hight / mm	H1 1787	2242
Hight / mm	H2 1712	2173
Width / mm	B1 1137	1273
Width / mm	B2 1068	1204
Width / mm	B3 1132	1268
Depth / mm	97	97
Weight empty / kg	35	55
Collector volume / l	1,4	1,9
Max. operating pressure / bar	10	16
Max. temperature	246	246
Size of connecting pipe	CJ 22 x 0,8	
Absorber in flat tube technology	Double Harb Absorber	
Thermal insulation	Compressed mineral wool	
Collector surface Prisma-Pro	Savetyglass, RAL UZ 73	
Build to European standard	EN 13975-2/ISO 9806-1	
Max.no.of panels in series	7	
Permisable pitch	25° - 80°	
Cylinder requirements	50 liter per m ² collektor area	



This new collector is particularly suitable for supporting central heating systems and also for DHW. The solar gain is increased by up to 30% compare to conventional collectors, due to flatpipe technologie the space between the harp absorbers, only 95mm. This is SUPERIOR SX Series High Performance.