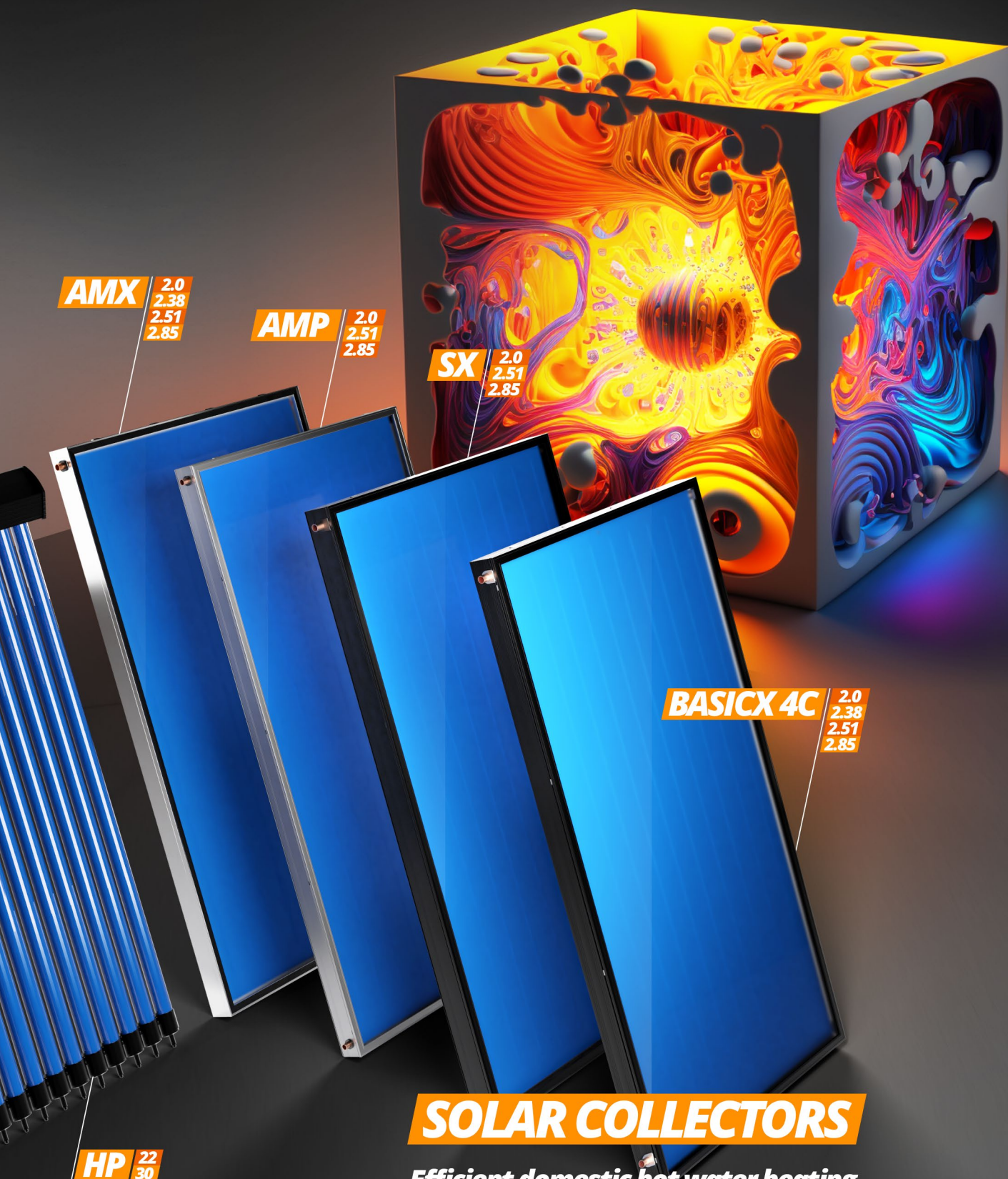


SUNEX[®]



SOLAR COLLECTORS

*Efficient domestic hot water heating
and central space heating support*

Solar collectors

*from a Polish manufacturer
in the renewable energy
industry.*



Warranty of quality - solar collectors as well as other components of the system undergo strict factory production control.



Maximum compatibility with other components of the heating room.



High **precision**
of each component



Automated
manufacturing
sequences



Highest **quality**
materials

Why **SUNEX[®]** **collectors**

Unique *design*

The natural colors of the collector housing and the dark blue-black shade of the solar absorber visible through the solar glass, refine the appearance of any roof.



Fraunhofer

Standards *and tests*

Sunex collectors have been tested at international and renowned research institutes and are on the BAFA list of subsidized products.

Possibility of installation *on any roof*

Specially designed mounting sets, made of aluminum, ensure fast and safe installation of collectors on any roof with any covering.

High performance

Excellent absorber and very good thermal insulation of SUNEX collectors makes them achieve very high efficiency in both summer and winter.



AMX

SOLAR COLLECTORS

EXISTING **MAIN HEAT SOURCE**

By using two coils in the tank,
it is possible to connect an already
existing main heat source

[HEAT PUMP] [GAS BOILER] [SOLID FUEL BOILER] [OIL BOILER]

Example of a heating room with SUNEX collectors



All equipment from
one manufacturer



Factory integrated
system



Full compatibility
- for efficient and
trouble-free operation



**One equipment
supplier** - faster
and more efficient
maintenance



**Wide product
range** - flexible
solutions for every
installation



SOLAR CONTROLLER
LOGO PWM

HYDRA GPS
PUMP GROUP

EXPANSION DIAPHRAGM VESSELS

DHW-TANKS
FISH S2

Components of an exemplary solar set

SOLAR COLLECTORS
AMX

Flat-solar collector with two connections and aluminum-copper absorber in double harp arrangement. Ensures maximum heat yield.

DHW-TANKS
FISH S2

DHW tanks in a standing version for the preparation of domestic hot water. The internal surface of the tank is protected against corrosion by a layer of high-quality enamel and a magnesium anode.

PUMP GROUP
HYDRA GPS

The pump group is equipped with an energy-saving electronic circulation pump. Ensures efficient and precise circulation of the heating medium.

SOLAR CONTROLLER
LOGO PWM

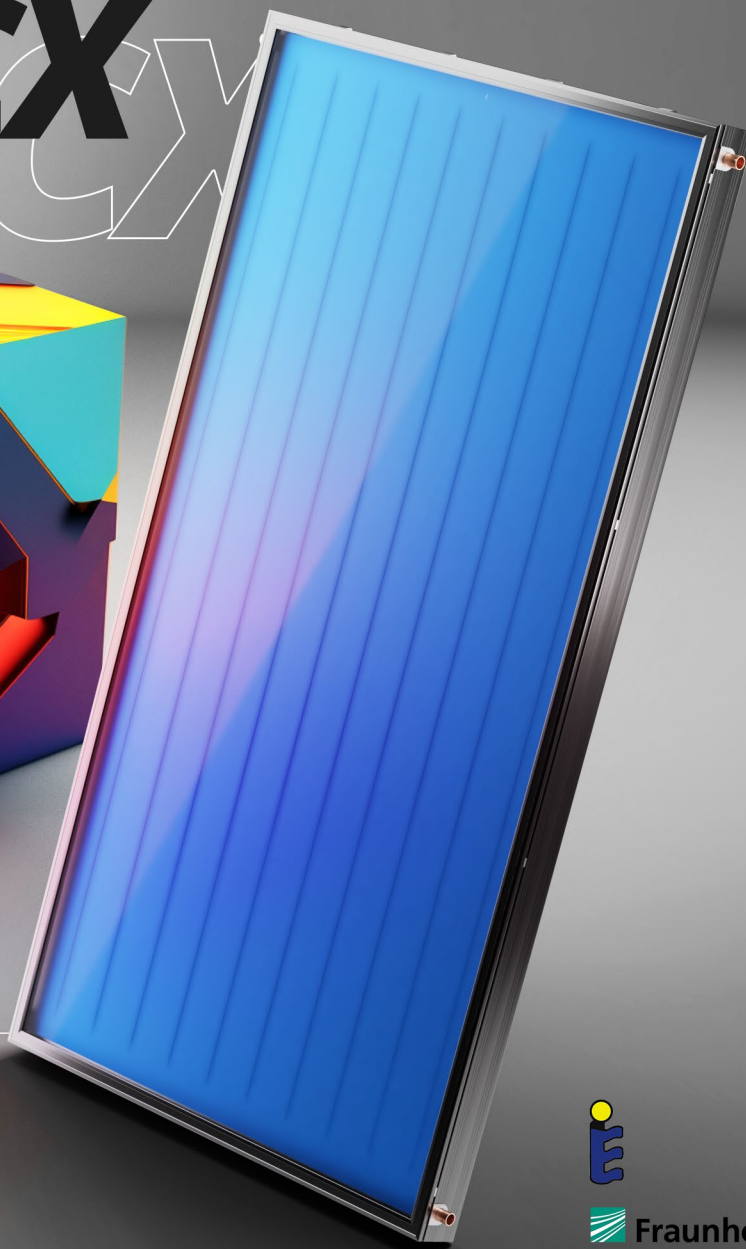
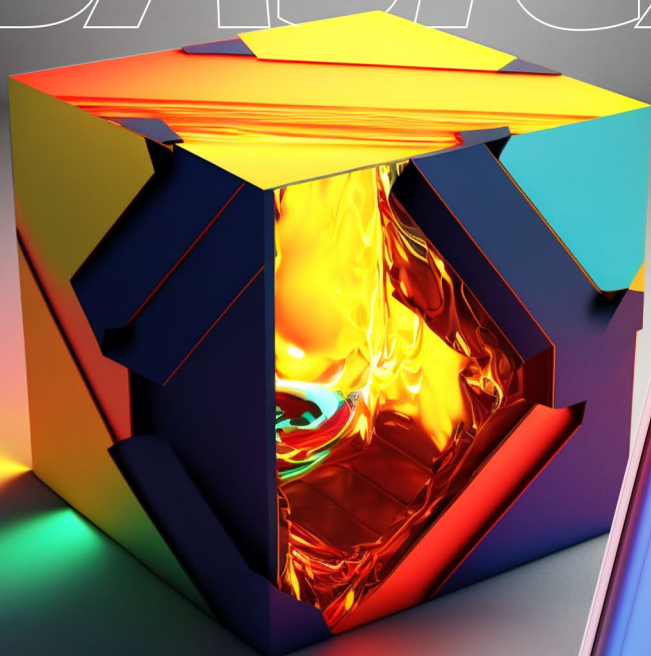
Controller that allows you to intuitively manage the installation and read all the parameters. A number of functions provide comfortable use.

SUNEX[®]

BASICX SX AMP AMX HP

BASICX

FLAT-SOLAR COLLECTOR



Available **models**

2.0 2.38 2.51 2.85



Fraunhofer

Flat plate solar collectors BASICX 4C

BASICX solar collectors are high-efficiency flat plate collectors for domestic hot water and central heating support. They have four connections and a copper absorber with single harp. A distinctive feature of BASICX collectors is the additional side thermal insulation.

	BASICX 2.0	BASICX 2.38	BASICX 2.51	BASICX 2.85
Gross area (m ²)	2,02	2,37	2,51	2,85
Absorber area (m ²)	1,83	2,19	2,32	2,63
Dimensions (mm)	1902x1063	2240x1060	2240x1120	2243x1272
Height (mm)	89			
Absorption	0,95			
Emission	0,05			
Transmission	0,915			
Efficiency (%)	77			
a1 (W/m ² K)	3,49			
a2 (W/m ² K ²)	0,011			



COPPER ABSORBER IN
SINGLE HARP
ARRANGEMENT



4 CONNECTIONS



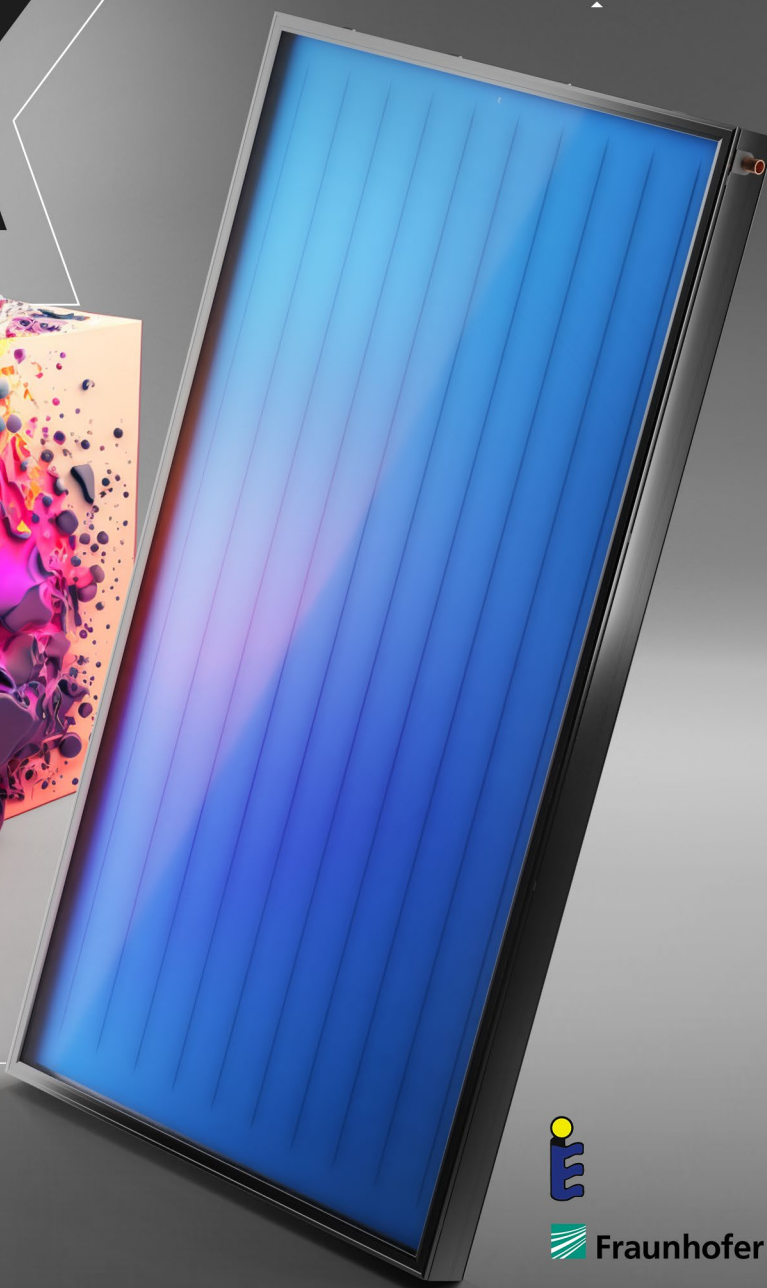
PAINTED ALUMINUM
FRAME, BENT FROM
ONE PIECE



ADDITIONAL SIDE
INSULATION

SUNEX[®]

BASICX SX AMP AMX HP



Available **models**

2.0 **2.51** **2.85**



Fraunhofer

SX flat plate solar collectors

SX solar collectors are high-efficiency flat plate collectors for domestic hot water preparation and central heating support. They have two connections and a copper absorber with a double harp. A distinctive feature of SX collectors is the additional side thermal insulation and the possibility of interior and exterior mounting.

	SX 2.0	SX 2.51	SX 2.85
Gross area (m ²)	2	2,51	2,85
Absorber area (m ²)	1,84	2,31	2,64
Dimensions (mm)	1902 x 1063	2240 x 1120	2241 x 1274
Height (mm)	100		
Absorption	0,95		
Emission	0,05		
Transmission	0,905		
Efficiency (%)	78		
a1 (W/m ² K)	3,66		
a2 (W/m ² K ²)	0,009		



COPPER ABSORBER IN
DOUBLE HARP SYSTEM



2 CONNECTIONS



PAINTED ALUMINUM
FRAME, BENT FROM A
SINGLE SECTION



ADDITIONAL SIDE
INSULATION



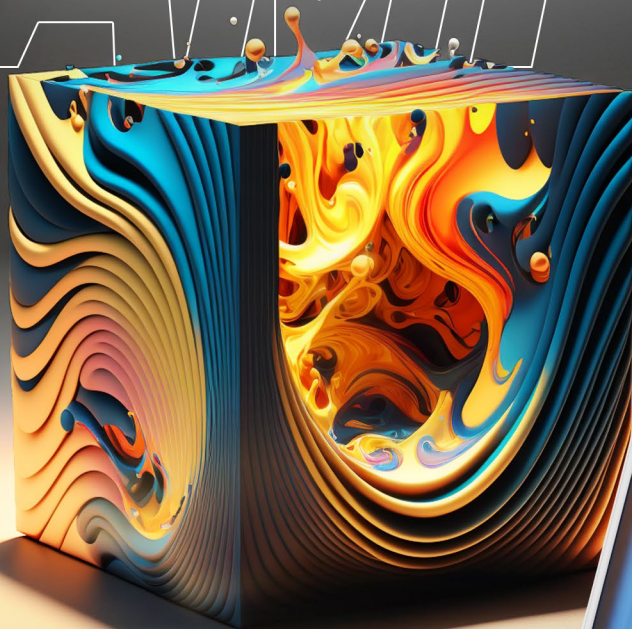
POSSIBILITY OF
INSIDE-SLOPE
INSTALLATION

SUNEX[®]

BASICX SX AMP AMX HP

AMP

FLAT-SOLAR COLLECTOR



Available **models**

2.0 2.51 2.85



AMP flat plate solar collectors

AMP solar collectors are high-efficiency flat plate collectors for domestic hot water preparation and central heating support. They have four connections and an aluminum-copper absorber with a single harp. A characteristic feature of AMP collectors is high-quality anti-reflective glass.

	AMP 2.0	AMP 2.51	AMP 2.85
Gross area (m ²)	2,01	2,5	2,84
Absorber area (m ²)	1,84	2,31	2,63
Dimensions (mm)	1900x1060	2240x1120	2240x1270
Height (mm)	99		
Absorption	0,95		
Emission	0,05		
Transmission	0,95		
Efficiency (%)	79,1		
a1 (W/m ² K)	4,69		
a2 (W/m ² K ²)	0,002		



COPPER ABSORBER IN
DOUBLE HARP SYSTEM



4 CONNECTIONS



ALUMINUM FRAME
PAINTED, BENT FROM
A SINGLE SECTION



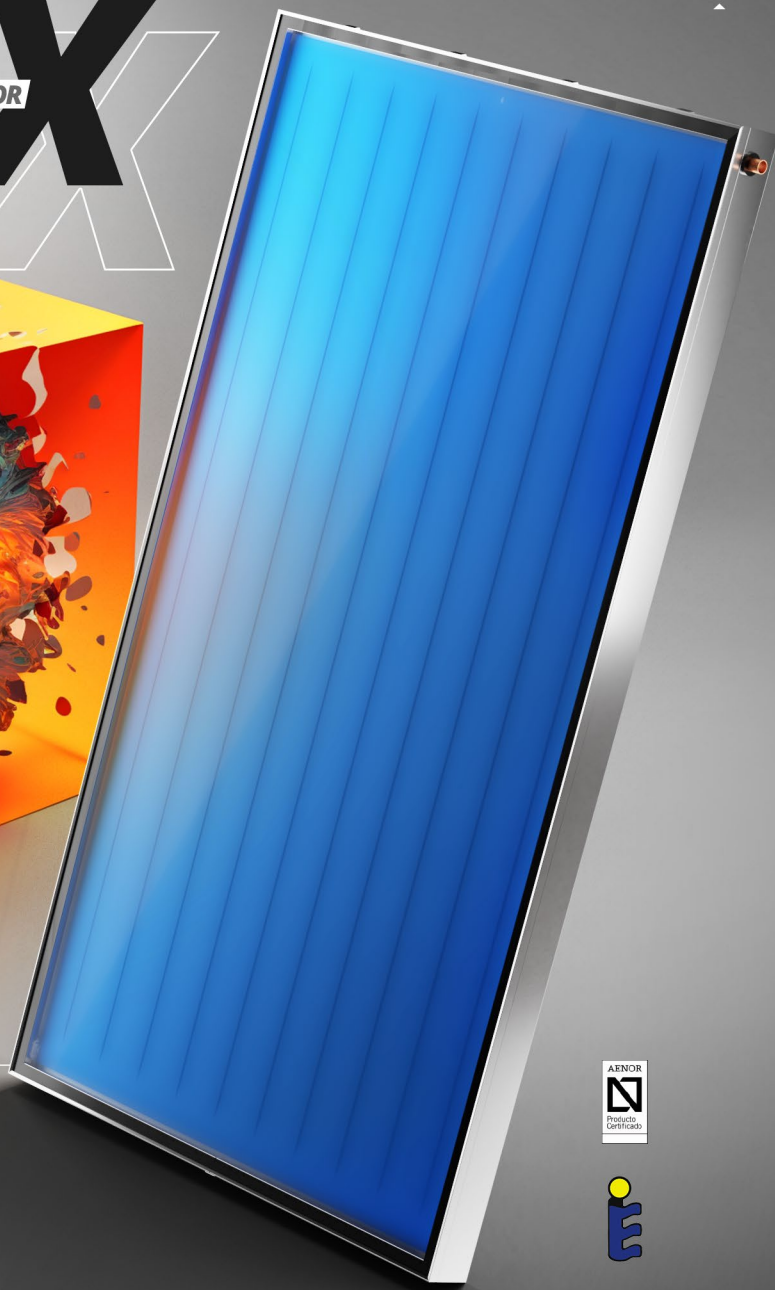
ANTI-REFLECTIVE GLASS

SUNEX®

BASICX SX AMP **AMX** HP

AMX

FLAT-SOLAR COLLECTOR



Available **models**

2.0 2.38 2.51 2.85



AMX flat plate solar collectors

AMX solar collectors are high-efficiency flat plate collectors for domestic hot water and central heating support. They have two connections and an aluminum-copper absorber with a double harp. A distinctive feature of AMX collectors is the filmless aluminum collector frame.

	AMX 2.0	AMX 2.38	AMX 2.51	AMX 2.85
Gross area (m ²)	2,03	2,39	2,53	2,87
Absorber area (m ²)	1,84	2,19	2,32	2,64
Dimensions (mm)	1907x1067	2246x1066	2246x1126	2246x1277
Height (mm)	90			
Absorption	0,95			
Emission	0,05			
Transmission	0,915			
Efficiency (%)	82			
a1 (W/m ² K)	3,29			
a2 (W/m ² K ²)	0,023			



ALUMINUM-COPPER
ABSORBER IN DOUBLE
HARP SYSTEM



2 CONNECTIONS



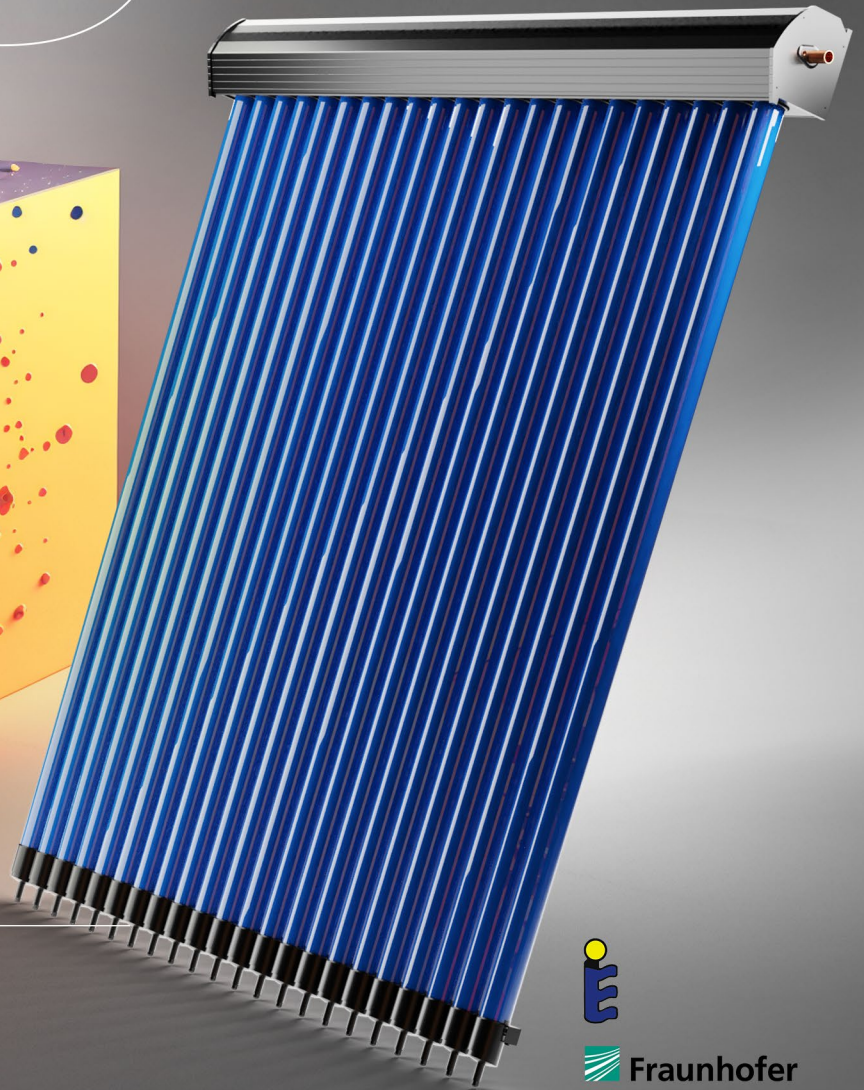
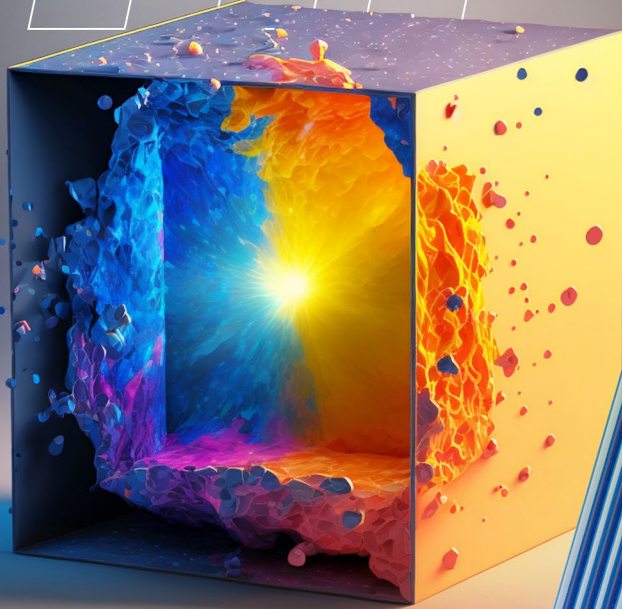
ALUMINUM FRAME,
BENT FROM A SINGLE
SEGMENT

SUNEX[®]

BASICX SX AMP AMX HP

HP

SOLAR PIPE COLLECTOR



Available **models**

22 30



Fraunhofer

HP Pipe Solar Collectors

HP type solar collectors are manufactured with HEAT PIPE technology, which ensures high reliability, even during long periods of plant stagnation and during high irradiation. The use of HP collectors provides high level of heating support. HP solar collectors are available in versions with 22 and 30 pipes.

	HP 22	HP 30
Gross area (m ²)	3,61	4,89
Absorber area (m ²)	2,70	3,68
Dimensions (mm)	1990x1815	1990x2455
Height (mm)	182	
Absorption	0,94	
Emission	0,08	
Absorber Efficiency (%)	59	
a1 (W/m ² K)	1,84	
a2 (W/m ² K ²)	0,001	



HEAT PIPE
TECHNOLOGY



2 CONNECTIONS



ALUMINUM HOUSING



HIGH RELIABILITY

Discover our wide range of additional products

SUNEX offers a comprehensive complement of solar products. We manufacture and supply the highest quality products such as connection elements, solar tubes, operating fluids or filling and flushing stations. All the offered products are made with maximum attention to every detail.



Connection sets

Full product range required to connect collectors



Solar cables

High resistance to external factors

Filling and flushing stations

Ability to flush, vent, fill, and conduct a pressure test.



Operating fluids

Glycol concentrate, ready-to-use solar fluids, system cleaning fluids



FISH S2 tanks

The FISH S2 series of tanks allows for the maximum efficient heating of domestic water due to two high-efficiency coils.

Hydra GPS pump group

A set of devices that are designed to force the circulation of the heating medium in the system



LOGO PWM controller

Controllers for simple and complex solar systems, can also function as universal controllers in heating systems.



More details about
our future plans

FISH
CARBON[®]

A product revolution - a new generation of tanks

Development and implementation of hydrogen technologies

We are pleased to have the opportunity to enter the hydrogen technology markets and add our own contribution to the effective and rapid development and further branches of the renewable energy industry.



SUNEX[®]

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