

Thermal Solar Systems
AQUA SUN



Informa

Thermal Solar Kit for DHW production

HOT WATER AND SOLAR HEATING SYSTEM

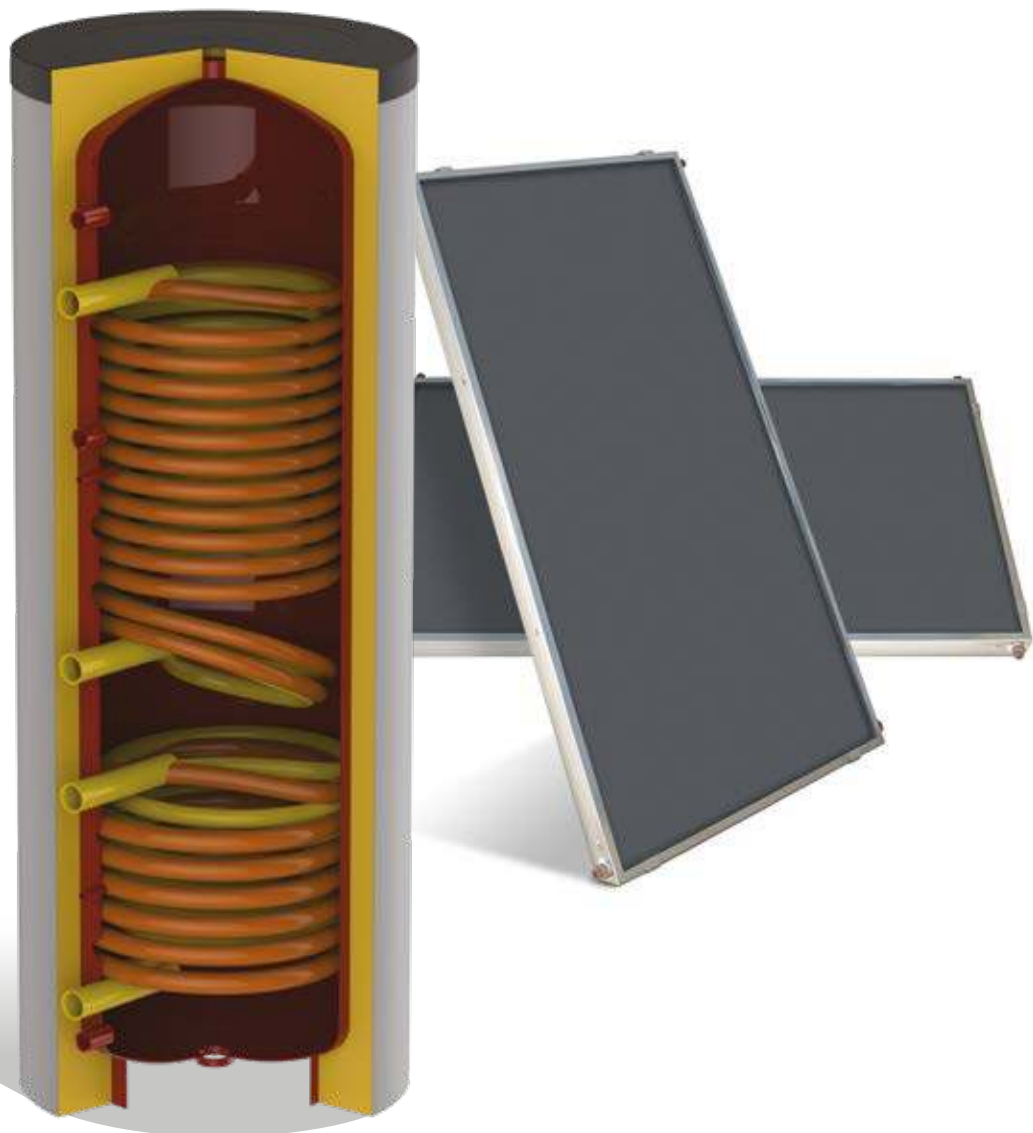
Solar energy is an inexhaustible source of energy that can be easily used both in hot water preparation and in the heating process. Solar energy helps protect the environment and ensures significant energy savings.

OUR SOLUTIONS

Fiorini has designed two product lines: the Aqua Sun line for domestic hot water production and the Combi Sun line for domestic hot water production and heating. Both solutions are available in different versions which are realized based on the user's consumption and the heating system typology, in order to meet a wide range of needs.

WHY THE SOLAR THERMAL KIT

In order to facilitate the choice for the most efficient solution and to make the installation of a solar thermal system easier, faster and therefore cheaper we conceived a series of devices which have many benefits and satisfy users' needs (single housing, multi-family houses, artisanal or commercial activities, accommodation facilities).



Thermal Solar Kit for DHW production

ADVANTAGES

☼ Saving money. The technology we use ensures high efficiency. Acqua Sun and Combi Sun solutions make your working environment or your household more energy-efficient which saves you money every day. The solar Thermal Kit is not expensive and can be written off.

☼ Value of the property. The installation of a system based on renewable energy can improve the energetic classification of the household and working environments which makes the property value and commercial value increase.

☼ Respect for the environment. Solar energy is clean and eco-friendly. It helps reducing polluting emissions.

☼ Energy autonomy. Solar energy is an energy source which is always available and it is not subject to restrictions or conditioning. For this reason, it helps reaching energy autonomy. Consequently, thermal energy production is low-cost and not subject to price increases.

☼ Fast and easy installation. The production of devices in a Kit facilitates the assembly which also reduces installation time.

☼ Minimal maintenance. The equipment (collectors, regulators, pumps) and accessories require minimal maintenance.

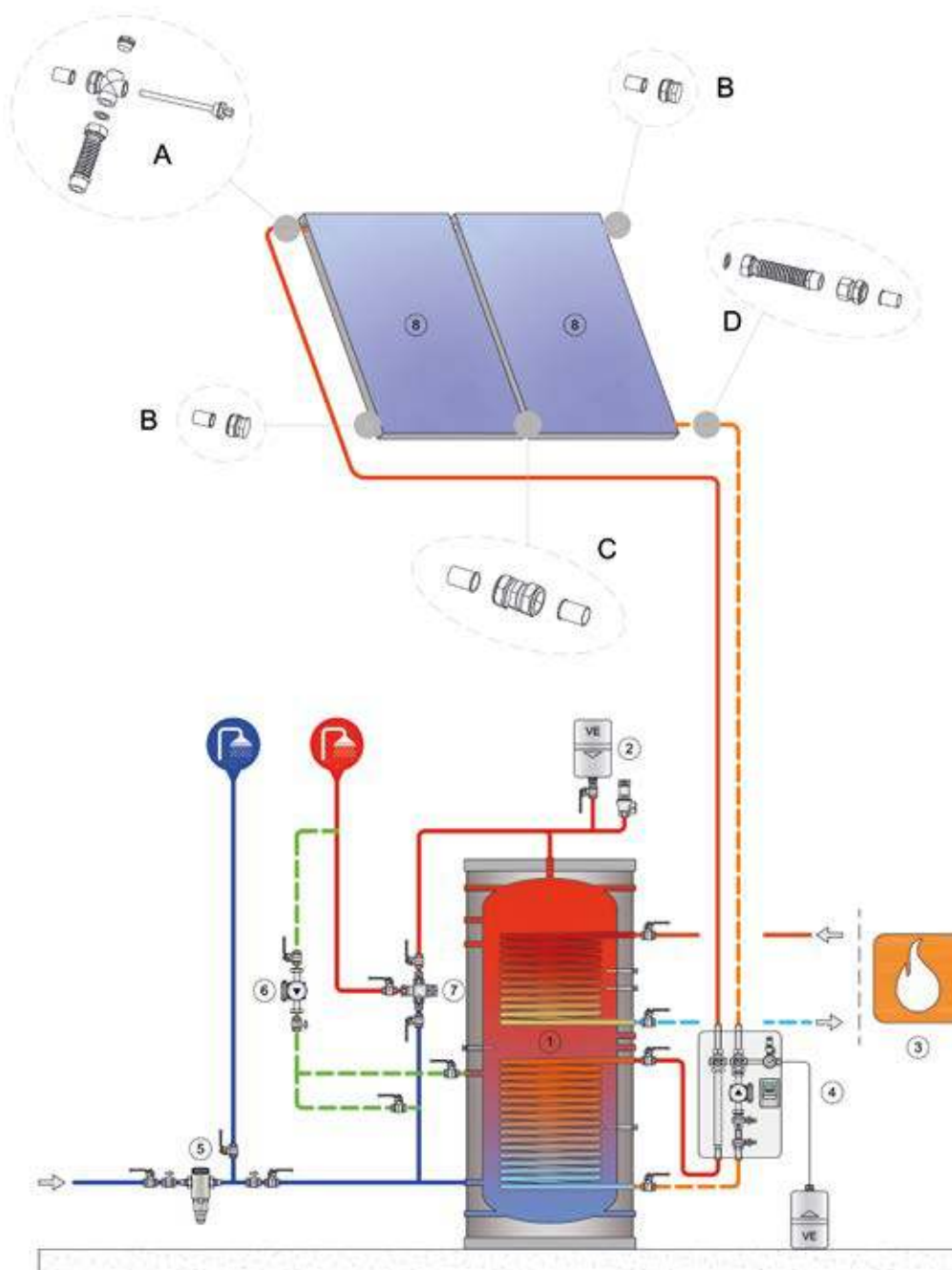
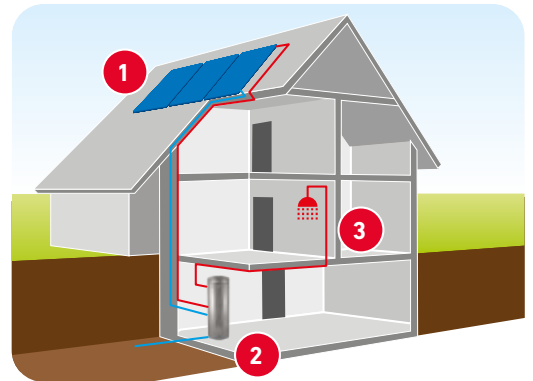


AQUA SUN Thermal Solar kit for DHW production

The Aqua Sun Kit is the easiest and most efficient way to produce hot water using solar power. There are two versions of the Aqua Sun systems which correspond to different daily needs (see 'daily needs' chart).

Principles


1. The sun heats the solar liquid in the solar collectors
2. The solar liquid reaches the storage tank and heats the water with help of the exchanger.
3. The hot water is available for domestic use.











List of components
A) kit outlet for the assembly of the collectors
B) kit plug for the assembly of the collectors
C) connection between collectors
D) kit inlet for the assembly of the collectors

List of components
1. Fiorini domestic water storage tank
2. safety unit
3. heating from alternative source
4. return unit solar thermal system
5. bacteriostatic cold water filter
6. sanitary recirculation pump
7. DHW thermostatic mixer
8. Fiorini solar collectors

AQUA SUN Thermal Solar kit for DHW production

	Series Energy label Composition	Aqua Sun 1  1 H2000*SMART2 200		Aqua Sun 1.1  1 H2500*SMART2 200	
Rif.	Number of persons*	 x 2		 x 3	
8	Solar collector	1xH2000	pag. 272	1xH2500	pag. 274
A+B+D	Kit for basic connections	1 piece		1 piece	
C	Joint	-		-	
4	Solar station for pumping and regulation	S2 SOLAR 30 - 25/6.0	pag. 280	S2 SOLAR 30 - 25/6.0	pag. 280
-	Anti-freeze liquid	20 litres	pag. 291	20 litres	pag. 291
9	Expansion vessel	18 litres	pag. 291	18 litres	pag. 291
10	Set for fixing the vessel	SSTOAS	pag. 291	SSTOAS	pag. 291
1	Solar power water heater	SMART2 200	pag. 152	SMART2 200	pag. 152

	Series Energy label Composition	Aqua Sun 2  2 H2000*SMART2		Aqua Sun 2.1  2 H2500*SMART2	
Rif.	Number of persons*	 x 4		 x 5	
8	Solar collector	2xH2000	pag. 272	2xH2500	pag. 274
A+B+D	Kit for basic connections	1 piece		1 piece	
C	Joint	1 piece		1 piece	
4	Solar station for pumping and regulation	S2 SOLAR 30 - 25/6.0	pag. 280	S2 SOLAR 30 - 25/6.0	pag. 280
-	Anti-freeze liquid	20 litres	pag. 291	20 litres	pag. 291
9	Expansion vessel	18 litres	pag. 291	18 litres	pag. 291
10	Set for fixing the vessel	SSTOAS	pag. 291	SSTOAS	pag. 291
1	Solar power water heater	SMART 2 300	pag. 152	SMART 2 300	pag. 152

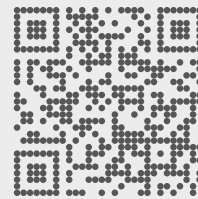
	Series Energy label Composition	Aqua Sun 3  3 H2000*SMART2 500		Aqua Sun 3.1  3 H2500*SMART2 500	
Rif.	Number of persons*	 x 6		 x 7	
8	Solar collector	3xH2000	pag. 272	3xH2500	pag. 274
A+B+D	Kit for basic connections	1 piece		1 piece	
C	Joint	2 pieces		2 pieces	
4	Solar station for pumping and regulation	S2 SOLAR 30 - 25/6.0	pag. 280	S2 SOLAR 30 - 25/6.0	pag. 280
-	Anti-freeze liquid	20 litres	pag. 291	20 litres	pag. 291
9	Expansion vessel	18 litres	pag. 291	18 litres	pag. 291
10	Set for fixing the vessel	SSTOAS	pag. 291	SSTOAS	pag. 291
1	Solar power water heater	SMART2 500	pag. 152	SMART2 500	pag. 152

NOTE: Collector fixing kit not included (pag. 277)



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