

VIADRUS

Power of heating

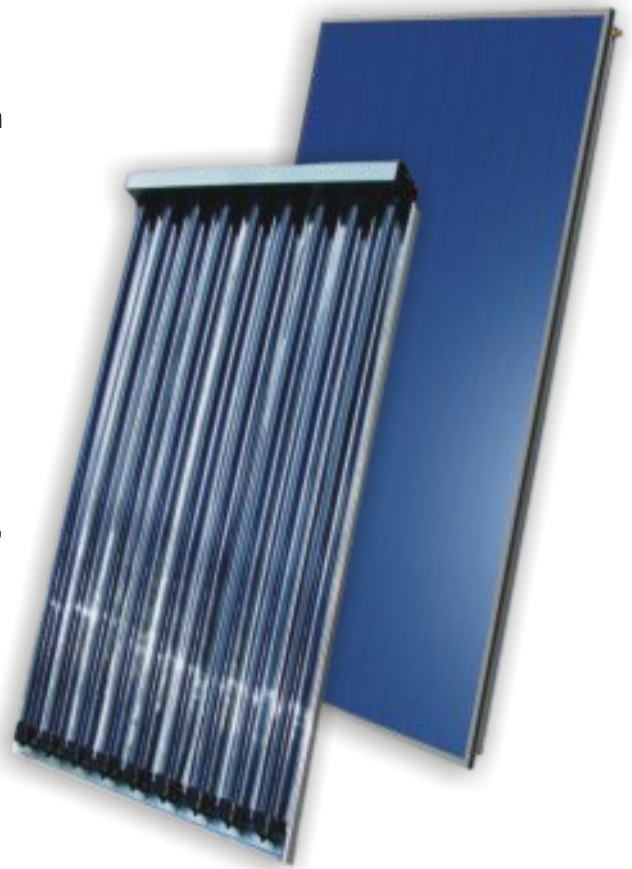
Space Energy (Combi)

Solar systems for water heating (and auxiliary home heating)

Solar systems **Space Energy** are designated for domestic hot water heating using renewable sources of energy and with emphasis on ecology, service comfort and minimalization of operating costs. The core of the system consists of a tube or vacuum solar exchanger. After heating water is stored in a thermal insulated double-spiral storage tank which can be connected to another heat source. The system comprises a control unit ReSOL II (systems with designation "Plus" control unit ReSOL Plus) and all necessary components. The client provides only pipe connection between collectors and the inside unit. The extended guarantee period for the key components is as follows: 10 years for a flat collector, 5 years for a tube collector and 5 years for a water storage tank. The solar systems **Space Energy Combi** with tube collectors offering heating possibility - another costs saving - are always delivered with a regulator ReSOL II. They are convenient not only for residential houses, hotels and sanatoria, but also for swimming pool heating. We offer 5 systems of Space Energy Combi destined for mounting on sloped or flat roofs.

Advantages:

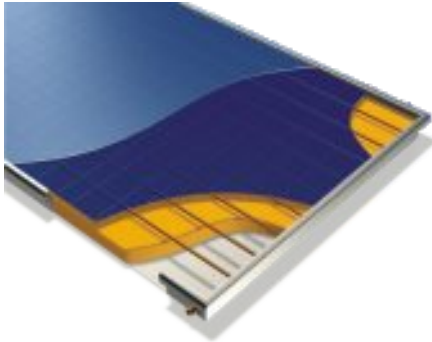
- eco-friendly and economical water heating, eventually home heating (Space Energy Combi)
- high year-round energy efficiency
- complete solar systems
- possibility of mounting on any type of roof
- high mechanical resistance of the solar storage tank
- possible water heating with cooperation of a boiler
- high-quality European product with certificate ISFH Z-W3205
- used materials are corrosion-resistant
- extended guarantee period for the key components
- undemanding service and maintenance



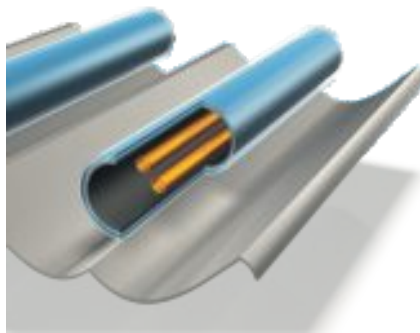
Technical parameters

System commercial designation	200F (Plus)	300F (Plus)	200V (Plus)	300V (Plus)	350V Combi	500V Combi	750V Combi	900V Combi	1250V Combi
Type of collector	flat				tube				
Number of collectors in the set	pcs 2	3	2	3	3	5	6	8	12
Approximate capacity of heating water	pers. 2+1	3+1	2+1	2+2	2+1	2+2	2+3	3+3	3+3
Approximate capacity of heated area	m ² -	-	-	-	100	150	200	200	300
Total surface of one collector	m ² 2,055				2,140				
Efficient surface of one collector	m ² 1,853				1,897				
Number of vacuum tubes in 1 collector	pcs -	-			9				
Dimensions of one collector - W x H x D	mm 1018 x 2019 x 81				1105 x 1937 x 121				
Collector dry weight	kg 37				33				
Maximum operation pressure	bar				6				
Flow rate of fluid in a collector	l/min 1,1				1,0				
Diameter of collector connection necks	mm 22				15				
Volume of heating storage tank	l -	-	-	-	250	330	580	700	1050
Volume of water storage tank	l 200	300	200	300	100	150	150	200	200
Water connections into the storage tank	-				3/4"				
Weight of a storage tank	kg 136	164	136	164	128	166	200	234	278
Dimensions of a storage tank - Ø x H	mm 610x1340	610x1797	610x1340	610x1797	850x1376	850x1735	990x1800	990x2150	1200x1900
Storage tank insulation	mm 45	45	45	45	100	100	100	100	100
Volume of expansion vessel in the set	l 18	18	24	50	50	80	80	100	150

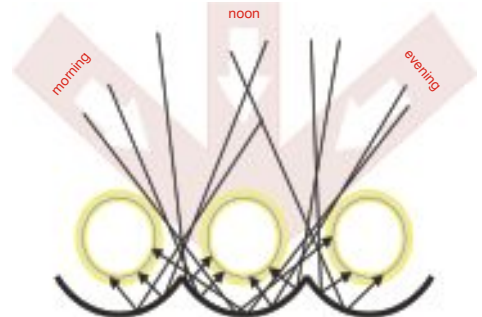
Cross-section of a flat collector



Cross-section of a tube collector



Scheme of mirror efficiency of a tube collector



Package of the system includes (sample of 300F set):



Your dealer