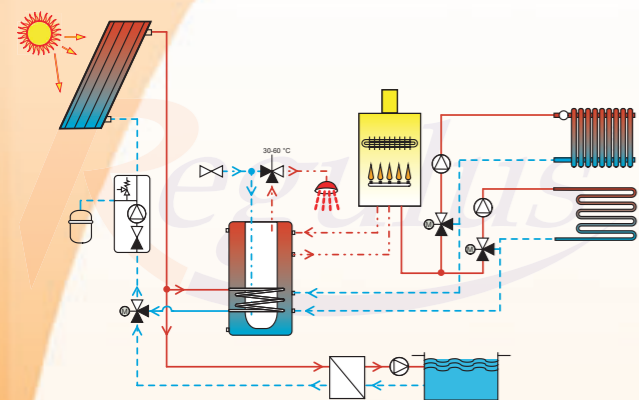


Sol DUO 600 KTU R Solar Set

Hot water heating and pre-heating of heating water for a low-temperature heating system in a combination DUO tank with afterheating with a condensing gas boiler. In the summer, energy surplus is used for pool heating.

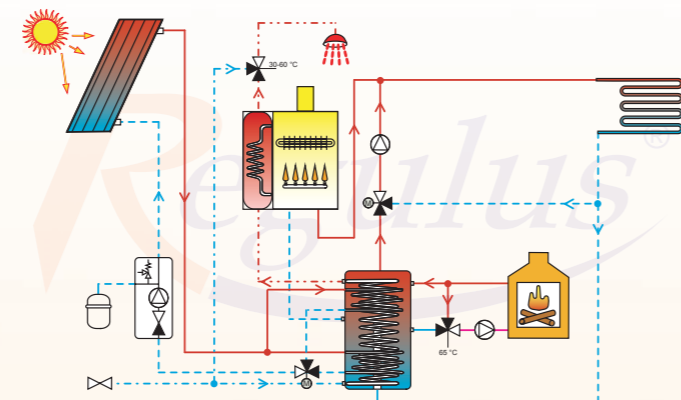
design Regulus 1013



Sol HSK 1000 KTU Solar Set

Heating a thermally stratified accumulation tank in which both DHW and heating water can be heated or pre-heated. Solar energy is utilized by the system very efficiently all year round. KTU collectors enable using solar energy for additional heating, avoiding problems with the summer heat surplus.

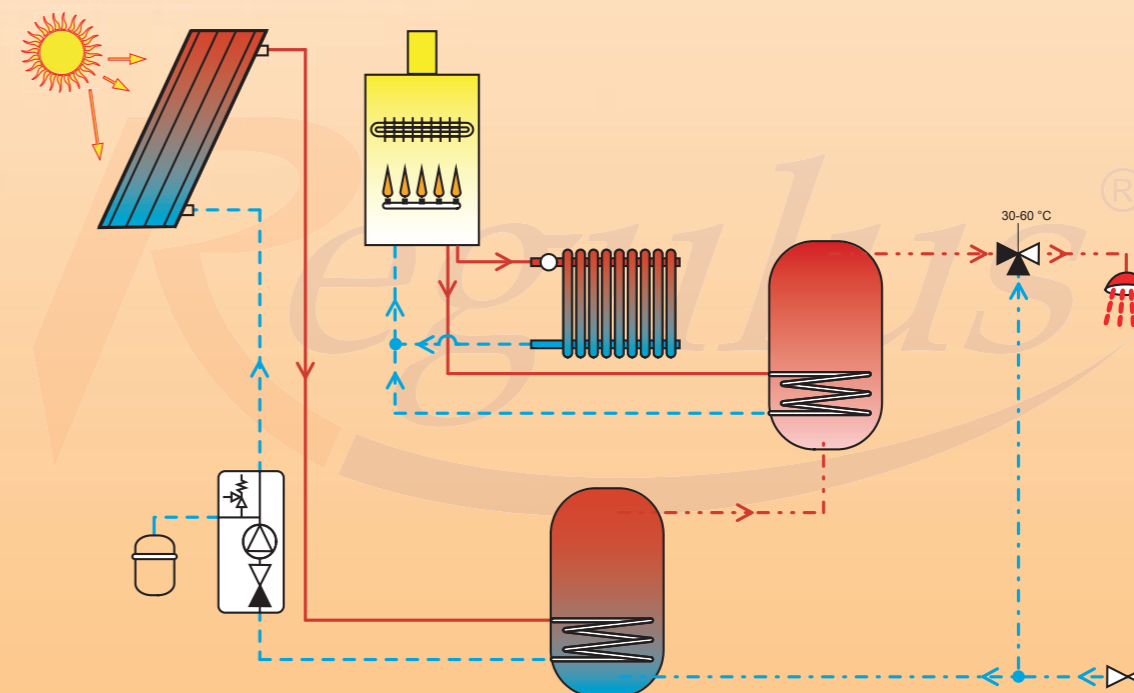
design Regulus 1015



Item	sol DUO 600 KTU R			sol HSK 1000 KTU		
	unit	code	type	unit	code	type
SOLAR COLLECTORS	4 pcs	7342	KTU 9R	6 pcs	7127	KTU 15
ROOF ANCHOR	10 pcs	6857	H-222080	16 pcs	6857	H-222080
FIXING AND INTERCONNECTING SET	1 pc	7247	S-UP9U2	2 pcs	7246	S-UP9U2
CONNECTION SET	1 pc	7703	S-PDUP	2 pcs	7703	S-PDUP
AIR VENT VALVE	1 pc	6118	OVSA1-3/8"	1 pc	6118	OVSA1-3/8"
BALL VALVE - SOLAR	1 pc	7250	KK MF3/8"	1 pc	7250	KK MF3/8"
AIR SEPARATOR	1 pc	7076	EL 43 3/4"	1 pc	7077	EL 43 1"
PUMP STATION	1 pc	7089	FlowCon S Pro	1 pc	7846	S2 Solar 3
CONTACT THERMOMETER	1 pc	3042	1 B2.0-120 °C			
EXPANSION VESSEL	1 pc	7407	R8 25l	1 pc	7462	R8 60l
EXPANSION VESSEL BRACKET				1 pc	7766	DRZ EXP
ANTIFREEZE FLUID	30 l	6720	KOLPS-10	40 l	6720	KOLPS-10
ACCUMULATION TANK WITH DHW	1 pc	7322	DUO V 600	1 pc	7506	HSK 1000
ACCUMULATION TANK INSULATION				1 pc	7507	izolace HSK
THERMOSTATIC MIXING VALVE	1 pc	6726	MT52	1 pc	6726	MT52
CONTROLLER FOR SOLAR AND HEATING SYSTEMS				1 pc	6539	IR 09 KTP
3-WAY ZONE VALVE	1 pc	640	SF20-E 3/4"sp	1 pc	640	SF20-E 3/4"sp.
POOL HEAT EXCHANGER	1 pc	6201	OVB 130			
SENSORS				9 pcs		
MIXING VALVE WITH EL. ACTUATOR				2 pcs		
BOILER THERM 28 KDZ	1 pc	7698	Therm 28 KDZ	1 pc	7804	Therm 28 KDZ 5

EVACUATED TUBE COLLECTORS

examples of solar sets, winter 2008



Regulus

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Solar collectors and components for solar systems, storage water heaters, accumulation tanks, components for systems with solid-fuel boilers, heat pumps, KOMBIFLEX flexible stainless-steel tubes, thermostats, pressure gauges, thermometers, valves, fume ducts for "turbo" boilers.

01/2008

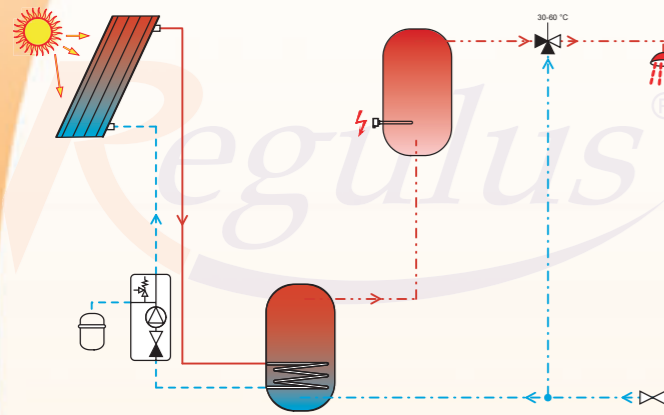
Regulus

Sets for Water Heating with KTU or KTU R Evacuated Tube Collectors

In order to cover the demand for DHW in case of a long-lasting lack of sunshine, it is necessary to combine solar heating with some traditional way of water heating. The most advantageous method is inserting a solar tank before the existing system of water heating, utilizing thus the maximum energy from the sun with minimum demand for water heating control and maintaining a comfort supply of hot water. Water afterheating can also be done directly in the solar tank; an electric heating rod with a thermostat can be inserted into any of the solar tanks offered by us. A central heating boiler can be used for afterheating twin-coil tanks or combination tanks. Using a thermostatic mixing valve at the hot water outlet is recommended, enabling to set a maximum desired temperature of outgoing hot water. In public buildings its use is obligatory. The valve is included in all the sets shown in this leaflet. When properly sized, the solar system can supply solar energy also for additional heating in low-temperature heating systems, preferably in low-energy houses. Especially in these cases, an advantageous combination with summer pool heating is a good choice. This leaflet shows examples of several possible solutions how to utilize solar energy, of course many other combinations and connections can be created. On our web pages you can fill in a questionnaire and we will design even a more complicated system for you that will use renewable energy sources.

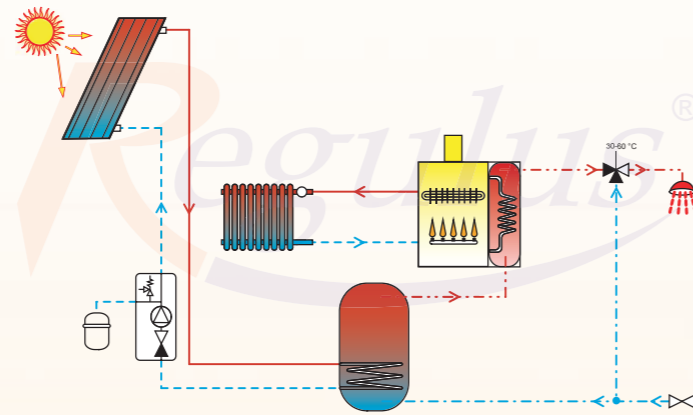
Sol 200 KTU Solar Set

Preheating the existing electric storage water heater.
design Regulus 1004



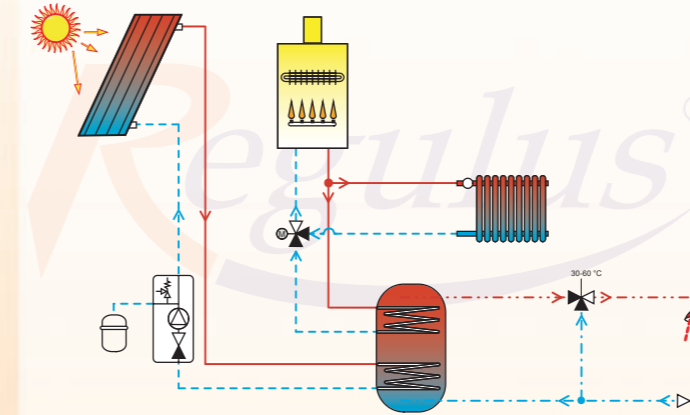
Sol 300 KTU Solar Set

Preheating a storage water heater inside a gas boiler.
design Regulus 1005



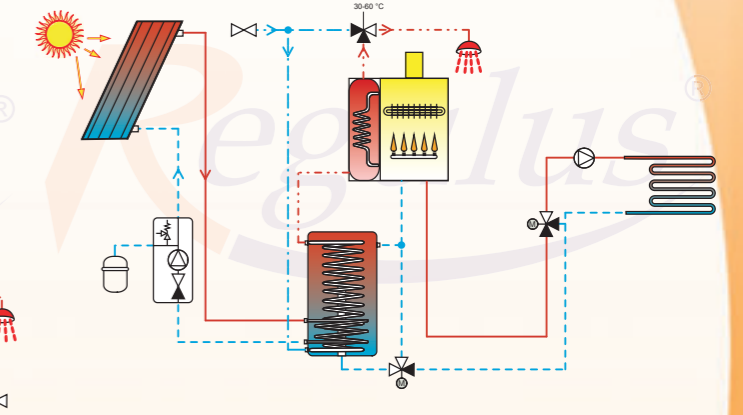
Sol 300 KTU Solar Set with Afterheating

Afterheating by a boiler in a solar twin-coil tank.
design Regulus 1001



Sol 500 HSK KTU Solar Set

DHW preheating for a tank integrated inside a gas boiler. Reverse raising from a low-temperature heating system into a condensing gas boiler is controlled by a solar controller that controls an SF 3-way zone valve.
design Regulus 1012



Item	sol 200 KTU			sol 300 KTU		
	unit	code	type	unit	code	type
SOLAR COLLECTORS	2 pcs	7343	KTU 6R	2 pcs	7342	KTU 9R
ROOF ANCHOR	4 pcs	6857	H-222080	6 pcs	6857	H-222080
FIXING AND INTERCONNECTING SET	1 pc	7241	S-UP6U2	1 pc	7245	S-UP9U2
CONNECTION SET	1 pc	7703	S-PDUP	1 pc	7703	S-PDUP
AIR VENT VALVE	1 pc	6118	OVSA1-3/8"	1 pc	6118	OVSA1-3/8"
BALL VALVE - SOLAR	1 pc	7250	KK MF3/8"	1 pc	7250	KK MF3/8"
AIR SEPARATOR	1 pc	7076	EL 43 3/4"	1 pc	7076	EL 43 3/4"
PUMP STATION WITH CONTROLLER	1 pc	6886	FlowCon S	1 pc	6886	FlowCon S
CONTACT THERMOMETER	1 pc	3042	1B2.0-120 °C	1 pc	3042	1B2.0-120 °C
EXPANSION VESSEL	1 pc	7406	R8 18 l	1 pc	7406	R8 18 l
ANTIFREEZE FLUID	20 l	6720	KOLPS-10 l	20 l	6720	KOLPS-10 l
HOT WATER TANK	1 pc	3252	RBC 200 l	1 pc	3253	RBC 300 l
THERMOSTATIC MIXING VALVE	1 pc	6726	MT52	1 pc	6726	MT52

Item	sol 300 KTU afterheating			sol 500 KTU		
	unit	code	type	unit	code	type
SOLAR COLLECTORS	2 pcs	7342	KTU 9R	4 pcs	7127	KTU 15
ROOF ANCHOR	6 pcs	6857	H-222080	10 pcs	6857	H-222080
FIXING AND INTERCONNECTING SET	1 pc	7245	S-UP9U2	1 pc	7247	S-UP9U3
CONNECTION SET	1 pc	7703	S-PDUP	1 pc	7703	S-PDUP
AIR VENT VALVE	1 pc	6118	OVSA1-3/8"	1 pc	6118	OVSA1-3/8"
BALL VALVE - SOLAR	1 pc	7250	KK MF3/8"	1 pc	7250	KK MF3/8"
AIR SEPARATOR	1 pc	7076	EL 43 3/4"	1 pc	7076	EL 43 3/4"
PUMP STATION WITH CONTROLLER	1 pc	6886	FlowCon S	1 pc	7089	FlowCon S Pro
CONTACT THERMOMETER	1 pc	3042	1B2.0-120 °C	1 pc	3042	1B2.0-120 °C
EXPANSION VESSEL	1 pc	7406	R8 18 l	1 pc	7407	R8 25 l
ANTIFREEZE FLUID	20 l	6720	KOLPS-10 l	20 l	6720	KOLPS-10 l
HOT WATER TANK	1 pc	6482	R2BC 300 l			
500L ACCUMULATION TANK				1 pc	7662	HSK 500
ACCUMULATION TANK INSULATION				1 pc	7664	IZOLACE HSK
THERMOSTATIC MIXING VALVE	1 pc	6726	MT52	1 pc	6726	MT52
3-WAY ZONE VALVE	1 pc	640	SF20-E 3/4" sp.	1 pc	640	SF20-E 3/4" sp.