

Solarico®

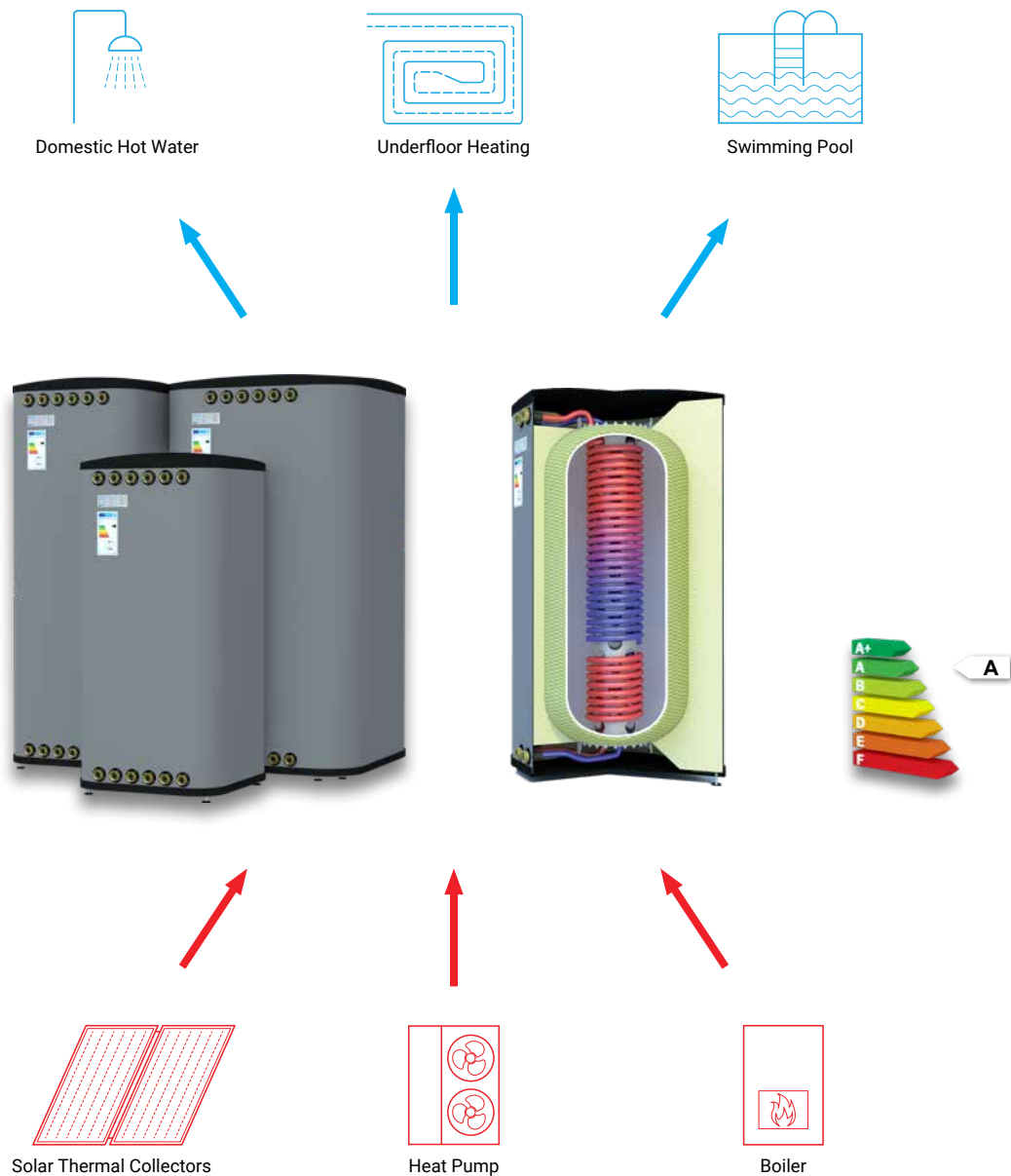
INNOVATIVE
PLASTIC COMPOSITE
NEW GENERATION

HYGIENIC WATER HEATER
DRAINBACK SOLAR STORAGE TANK
STRATIFIED SEPARATOR ACCUMULATOR

GENERAL BENEFITS

- HEAT PUMP READY
- SUPPORT HEATING WITH SOLAR
- HEART OF THE SYSTEM

ALL IN ONE



Thermal Tank UniQube 6C

Energy savings all-in hot water storage tank





Thermal Tank UniQube 6C

ADVANTAGES

- Easy integration of any type of heat source
- Easy integration of any type of heat consumers
- Total hydraulic separation of 6 circuits
- Available for 310, 440 and 800 liter accumulation tanks
- Simplified pipeworks
- Minimized heat losses

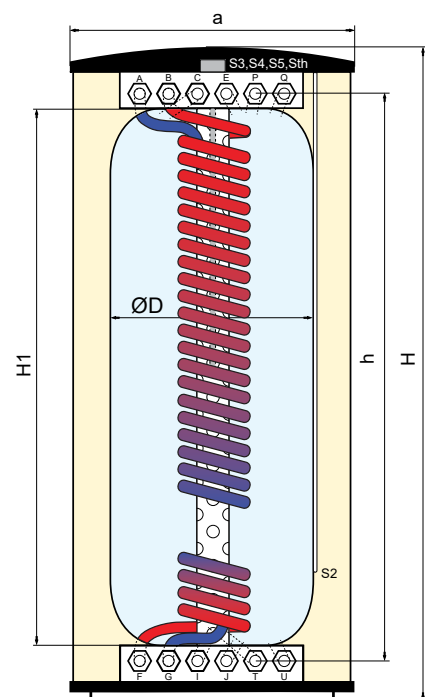


BENEFITS

- Improved system performance by at least 25%
- Smooth thermostat control over all heat consumers
- Solution for systems with multiple heat sources
- Cheaper installation
- Lower energy bill
- Space saving installation
- Electric heater backup (optional)

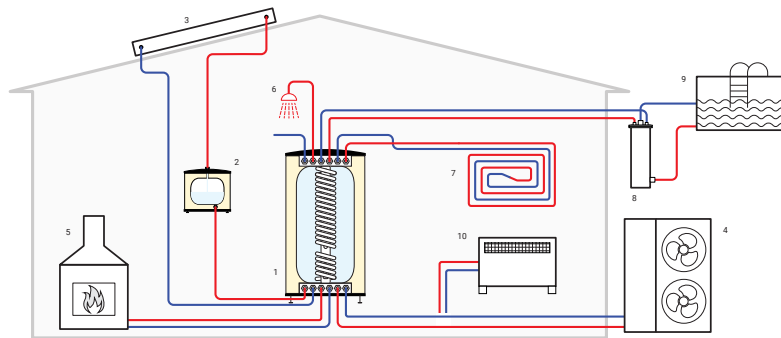


Thermal Tank UniQube 6C SQ-BPSW		310	440	800
D (diameter)	(mm)	620	620	890
H1 (height)	(mm)	1300	1730	1730
h (connectors)	(mm)	1320	1750	1750
H (height)	(mm)	1570	2000	2000
a (width)	(mm)	725	725	960
Pivot measurement	(mm)	1730	2130	2219
Net tank capacity	(l)	290	413	773
Approx. weight	(kg)	104	130	160
Connections C,E,P,Q,I,J,T,U			5/4"	
Max. working temp.	(°C)	90	90	90
Max. working pressure	(bar)	6	6	6
Max. test pressure	(bar)	9	9	9
S2 Solar sensor position	(mm)	1110	1550	1550
S3 DHW sensor position	(mm)	600	900	900
S4 Heating sensor position	(mm)	140	140	140
S5 Overheating protection	(mm)	140	140	140
Nominal flow rate (all exchangers)	(l/min)	20		
Max. flow rate (all exchangers)	(l/min)	30		
Max. working pressure (all exchangers)	(bar)	10		
Max. test pressure (all exchangers)	(bar)	15		
Solar heat exchanger				
Connections F, G			5/4"	
Capacity	(l)	2,85	4,12	4,12
Output area	(m²)	1,05	1,43	1,43
DHW heat exchanger				
Connections A, B			5/4"	
Capacity	(l)	16,15	21,86	21,86
Output area	(m²)	5,06	6,78	6,78



A - DHW in
 B - DHW out
 C - Heat consumer in
 E - Heat consumer out
 P - Heat consumer in
 Q - Heat consumer out
 F - Solar in
 G - Solar out
 I - Heat source in
 J - Heat source out
 T - Heat source in
 U - Heat source out

S2 - Solar sensor
 S3 - DHW sensor
 S4 - Heating sensor
 S5 - Overheating protection
 Sth - Electrical thermostat

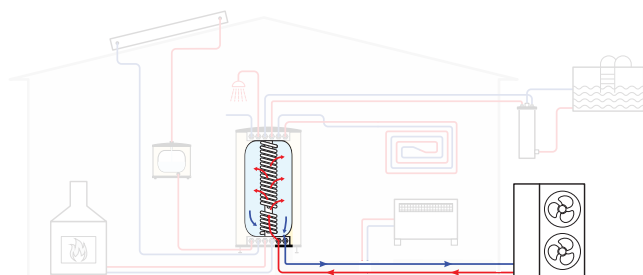


Easy integration of any type of heat source and heat consumer

1. Thermal Tank UniQube 6C SQ-BPSW
2. UniQube Drain Back Tank
3. Solar thermal collectors UniPlate 2.5 SB
4. Heat pump
5. Boiler fireplace *
6. Domestic Hot Water
7. Floor heating
8. Solarico Heat Exchanger SHE *
9. Swimming pool *
10. Fan coil units (heating/cooling)

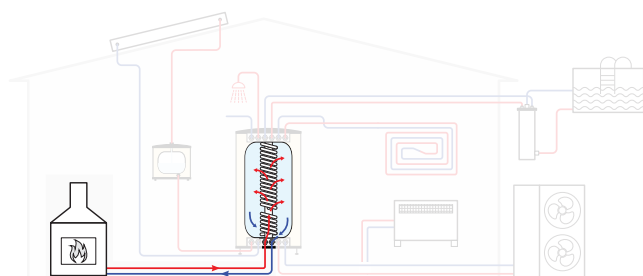
* Examples of connecting additional heat source (5, any kind of boiler) and additional heat consumer (8,9)

HEAT SOURCES



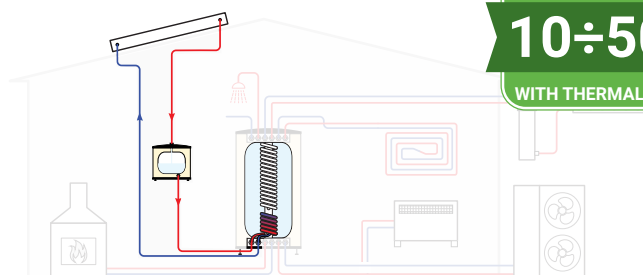
HEAT PUMP

- Direct intake to the stratification tube
- Return in buffer



BOILER

- Direct intake to the stratification tube
- Return in buffer



SOLAR

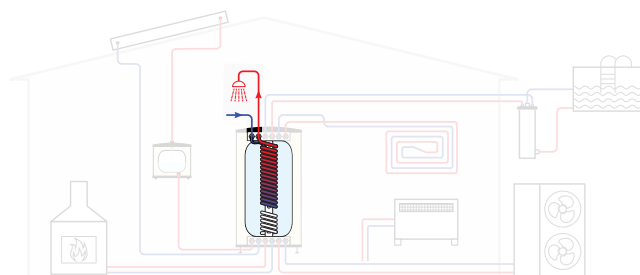
- Direct connection to the lower heat exchanger

SUPPORT HEATING

10÷50%

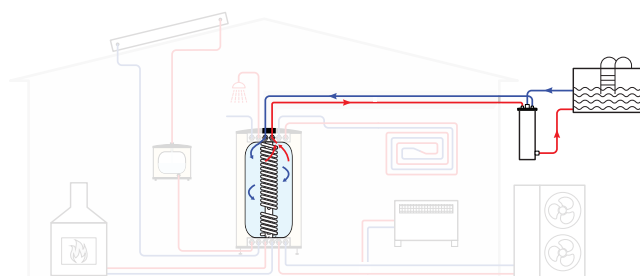
WITH THERMAL SOLAR

HEAT CONSUMERS



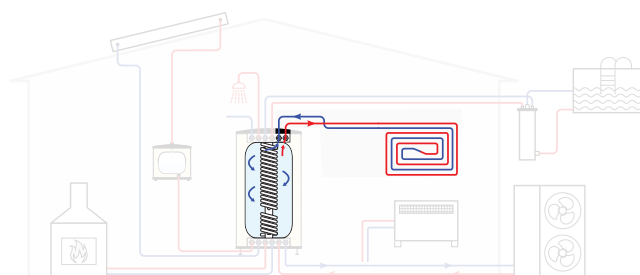
DOMESTIC HOT WATER

- Direct connection to the city water supply system and the upper heat exchanger



SWIMMING POOL

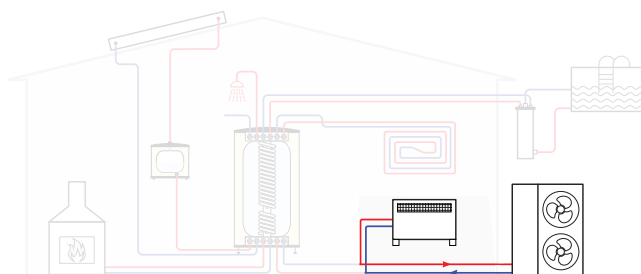
- Direct connection to the reservoir



HEATING SYSTEM

- Direct connection to the reservoir

Example connections with addition of fan coil units



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HYGIENIC WATER HEATER
DRAINBACK SOLAR STORAGE TANK
STRATIFIED SEPARATOR ACCUMULATOR



- Solar Thermal Collectors
- Multi-Functional Storage Tanks and Hygienic Water Heaters
- Drain Back Reservoirs
- Expansions Vessels
- Pressure Vessels
- Heat Exchangers



PRODUCTION FACILITY:

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