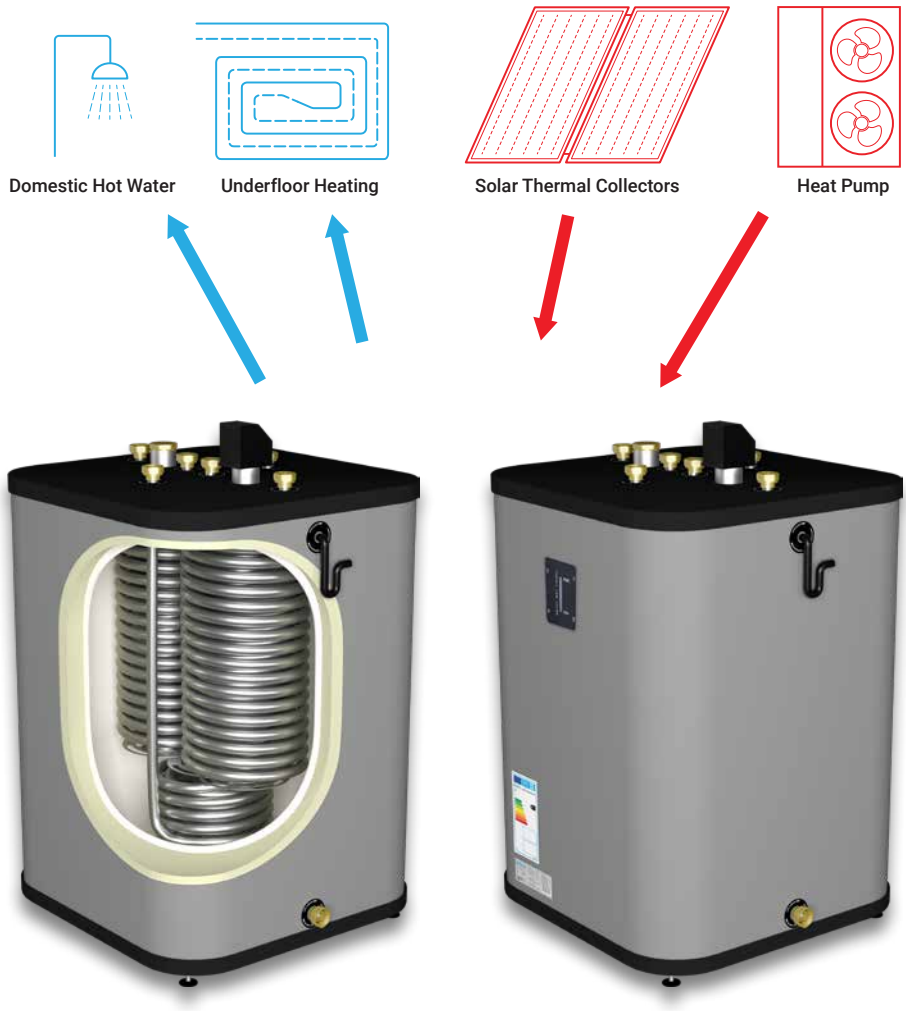
Solarico®

GENERAL BENEFITS

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





Thermal Tank Qube X

Unpressurized hot water storage tank and drain back reservoir

Solarico®

Thermal Tank Qube X

APPLICATION

- Renovations of hot water systems
- Large hot water outputs
- Clean hot water in clean spaces
- Where the budget is limited
- Energy efficient installations
- Harshest environment

ENERGY SAVING
WITH SOLARICO PRODUCTS

BENEFITS

- The tank is not pressurized
- May be used as solar drain back tank
- Lightweight
- Easy to manipulate
- Installer friendly
- Lower transport costs
- Optional electric heater backup (1 or 2)

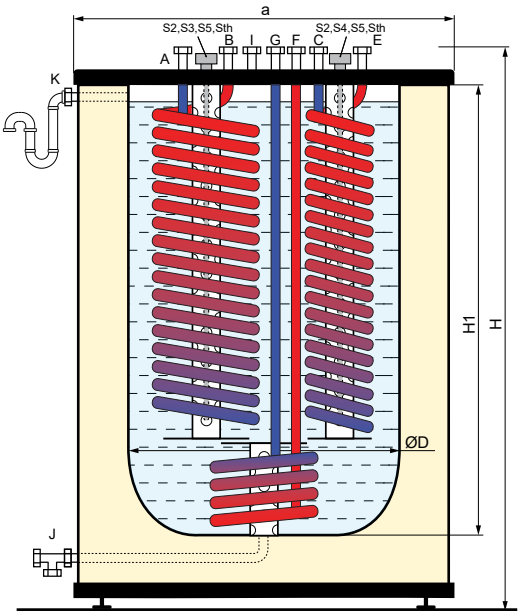
TÜV HESSEN
ISO 9001 LL-C (Certification)
30 YEARS QUALITY GUARANTEE
10 YEARS QUALITY GUARANTEE





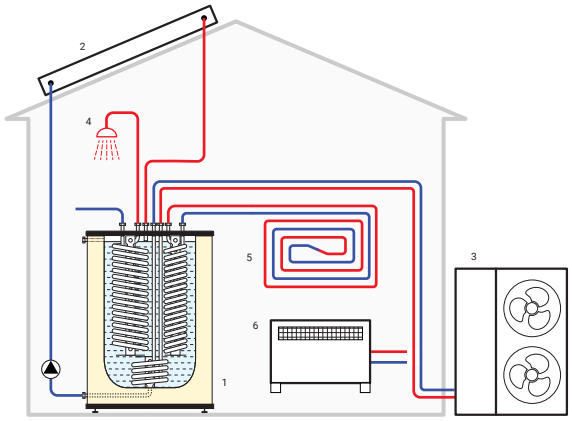
SQ-WDHSU SQ-WDHS SQ-WD

Thermal Tank Qube X		220	400
D (diameter)	(mm)	620	890
H1 (height)	(mm)	845	845
H (height)	(mm)	1100	1100
a (width)	(mm)	725	960
Nominal volume	(l)	220	400
Weight (with 3 exchangers) - WDHSU	(kg)	80	100
Weight (with DHW exchanger and bottom exchanger - heat source) - WDHS	(kg)	73	90
Weight (with DHW exchanger) - WD	(kg)	65	82
Connections		5/4"	
Energy class		A	
S2 Solar sensor position	(mm)	450	
S3 DHW sensor position	(mm)	250	
S4 Heating sensor position	(mm)	250	
S5 Overheating protection position	(mm)	250	
Max. working temperature	(°C)	90	
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	
DHW heat exchanger			
Volume	(l)	17,55	23,25
Surface area	(m²)	5,35	7,07
Solar heat exchanger			
Volume	(l)	8,68	8,68
Surface area	(m²)	2,67	2,67
Heating exchanger			
Volume	(l)	6,78	9,31
Surface area	(m²)	2,10	2,87



A - DHW in
B - DHW out
C - Heating in
E - Heating out
F - Solar in
G - Solar out
I - Solar Drain Back in
J - Solar Drain Back out
K - Overflow pipe

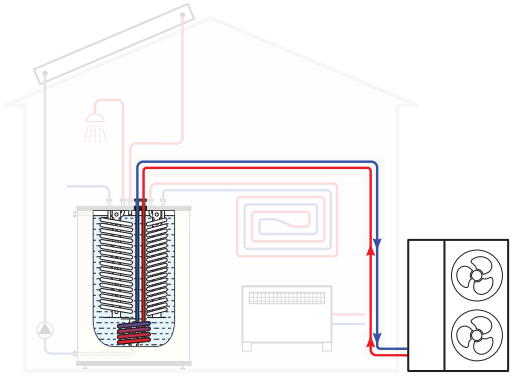
S2 - Solar sensor
S3 - DHW sensor
S4 - Heating sensor
S5 - Overheating sensor
Sth - Electrical thermostat



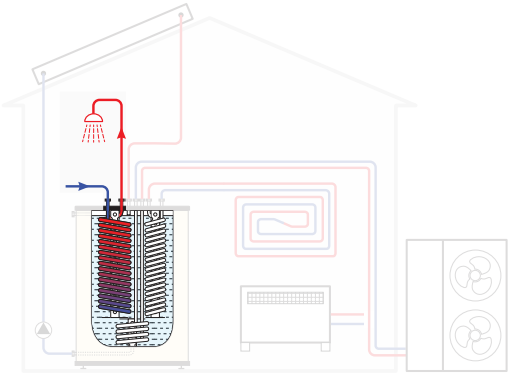
Easy integration of any type of heat source and heat consumer

1. Thermal Tank Qube X SQ-WDHSU
2. Solar thermal collectors UniPlate 2.5 SB
3. Heat pump *
4. Domestic Hot Water
5. Floor heating
6. Fan coil units (heating/cooling)

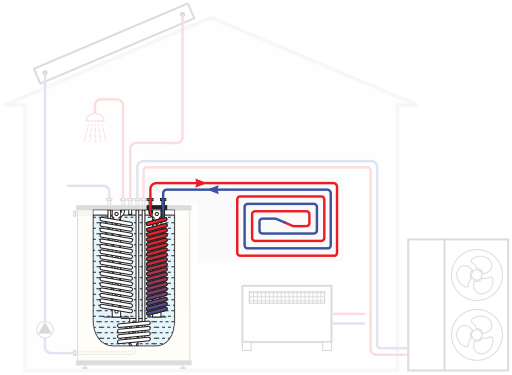
* Or any kind of heat source



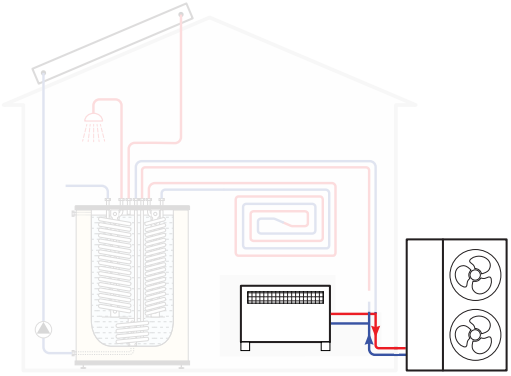
HEAT SOURCE: HEAT PUMP
- Direct connection to the lower heat exchanger



HEAT CONSUMER: DHW
- Direct connection to the city water supply system and the upper heat exchanger

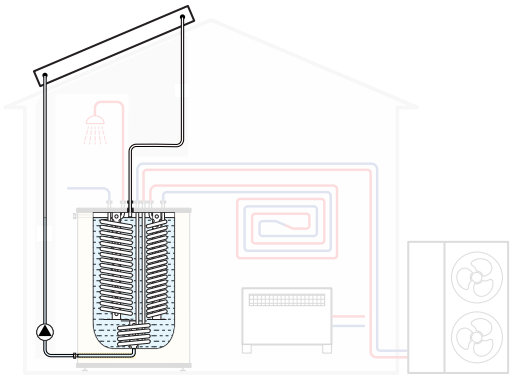


HEAT CONSUMER: HEATING SYSTEM
- Direct connection to the upper heat exchanger

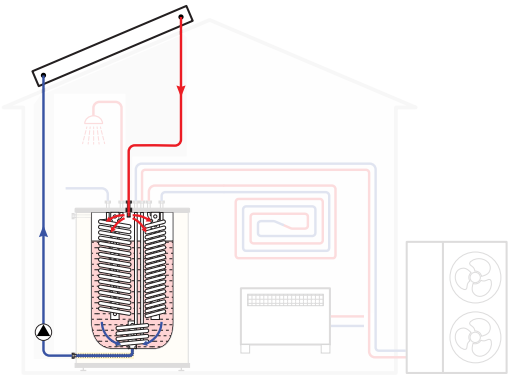


FAN COIL COOLING
- Additional functionality with direct connection to the heat pump unit

SUPPORT HEATING
10÷50%
WITH THERMAL SOLAR



HEAT SOURCE: SOLAR
- Direct connection to the reservoir - Drain Back application
- Pump OFF



HEAT SOURCE: SOLAR
- Direct connection to the reservoir - Drain Back application
- Pump ON

Solarico®

ENERGY SAVING
WITH SOLARICO PRODUCTS

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



PRODUCTION FACILITY:

Euroterm d.o.o.
Lece Koteski 50
Industrial area Biljana
7500 Prilep
R. North Macedonia

info@solarico.eu
www.solarico.eu
+389 75 463 929
+389 48 419 415