ENERGY SYSTEMS

Solarico®

Innovative
Composite
New Generation

UniQube Drain Back

Solar Storage Tank
Domestic Water Heater
Stratified Separator Storage Tank

NEW

QUALITY 30 YEARS GUARANTEE

TÜV HESSEN

ISO 9001
LL-C (Certification)

UniQube Drain Back

Solar Storage Tank
Hygienic Hot Water Heater
Stratified Separator Storage Tank

- UTILIZES MUCH MORE SOLAR ENERGY
  because drain back solar systems can be sized with much more collectors - they absorb more solar enegy providing more savings.
- SOLAR SUPPORT FOR THE HEATING SYSTEM
  because drain back solar systems can be sized with much more collectors - this energy can be used by the heating system.
- OVER HEATING AND FREEZE PROTECTION
  are active because of principal of work - when pump stops circulating, heating fluid from collectors is draining down into the drainage reservoir, so the only care is to do a proper piping installation.
- CHEAPER INSTALLATION
  Drain back systems do not require expansion vessels, check valve, air valve or additional overheating protection. This system can even work with water as heating fluid instead of antifreeze.
- SOLAR SYSTEM SECURITY
  low risk of overheating, hot fluid danger, freezing and damaging its elements, which is conditioned only by proper installation execution.

40 LITER COMPACT DRAIN BACK RESERVOIR
Insulated with polyurethane, minimizing the heat loss in idle or stand by mode. Solar thermal loop, positioned above the tank, can reach volume up to 25 liters, which allows installaltion of bigger number of solar thermal panels.

SOLAR SUPPORT FOR THE HEATING SYSTEM

ENERGY EFFICIENCY A

30 YEAR HOT WATER TANK WARRANTY

RELIABILITY LOW-MAINTENANCE SIMPLICITY

NEW

For your home: 6 functions UniQube Drain Back Tank

The final users will be operating a modern solar water heating system. Main advantages over the other types are simplicity, reliability and low maintenance. The risk of boiling water, high pressure, freezing and bursting pipes in the solar loop is very low.

Solar thermal support to the heating system, combined with A class energy efficient UniQube, is providing huge energy and money savings.

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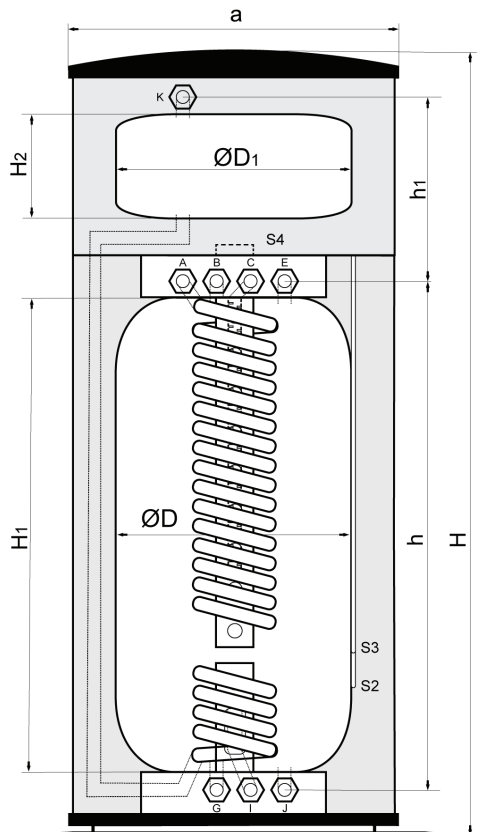
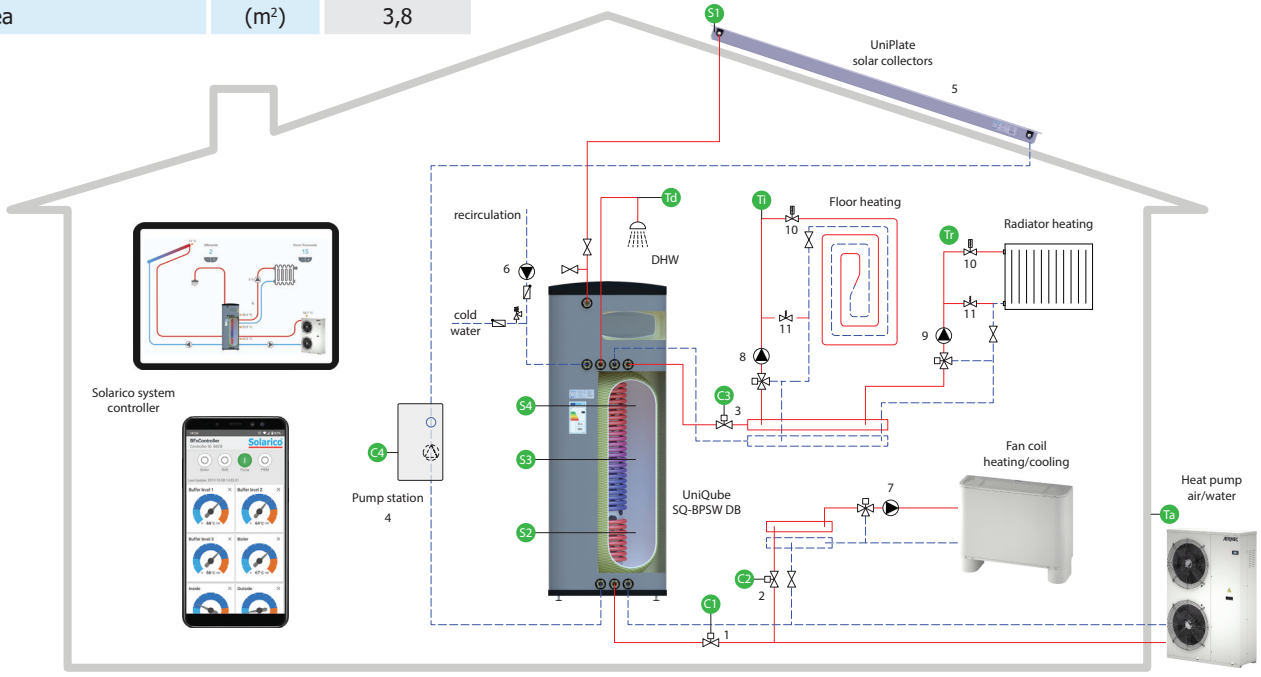
UNIQUBE DRAIN BACK MODEL - SOLAR STORAGE TANK, DOMESTIC WATER HEATER, STRATIFIED SEPARATOR STORAGE TANK		
TYPE SQ-BPSW DB		310
D (diameter)	(mm)	620
D1 (diameter)	(mm)	600
H1 (height)	(mm)	1300
H2 (height)	(mm)	140
h (connectors)	(mm)	1470
Connections C, E, I, J		5/4”
h1 (connectors)	(mm)	370
H (height)	(mm)	2000
a (width)	(mm)	734
max. working temp.	(°C)	90
max. working pressure	(bar)	6
max. test pressure	(bar)	9
Net tank capacity	(liters)	290
Approx. weight	(kg)	104
S2 Solar sensor position	(mm)	1110
S3 Heating sensor position	(mm)	910
S4 DHW sensor position	(mm)	710
Pivot measurement	(mm)	2130
Solar heat exchanger		
Connections K, G		5/4”
max. working pressure	(bar)	1,5
max. test pressure	(bar)	2,5
capacity	(liters)	5
output area	(m^2)	1,2
reservoir volume	(liters)	40
Water heat exchanger		
Connections A, B		5/4”
max. working pressure	(bar)	10
max. test pressure	(bar)	15
capacity	(liters)	15
output area	(m^2)	3,8



A - Cold water in
B - Hot water out
C - Heating in
E - Heating out
K - Solar in
G - Solar out
I - Boiler in
J - Boiler out
S2 - Solar sensor
S3 - Heating sensor
S4 - DHW sensor



Solarico®

UniQube
Heart of your energy systems

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LL-C (Certification)

SPF Solartechnik Prüfung Forschung

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