Solarico®

GENERAL BENEFITS

- OVERHEATING AND FREEZE PROTECTION
- SYSTEM STABILITY, LOW-MAINTENANCE
- STAINLESS STEEL INSTEAD OF CARBON STEEL



Drain Back Integrated INOX Tank

Solar draining tank with integrated pump

ISO 9001 LLC (Certification)

10 YEARS QUALITY GUARANTEE

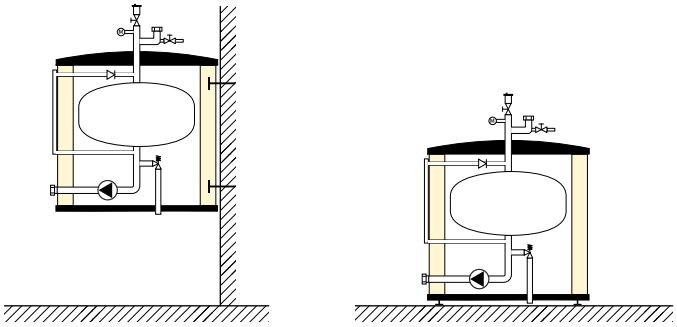
Solarico®

- **ALL-IN-ONE DESIGN**
  The circulation pump, automatic air vent, safety valve, pressure gauge and liquid-level sight glass are integrated into one compact unit, providing a practical solution for solar drain-back installations.
- **FASTER & SIMPLER INSTALLATION**
  Compared with traditional systems assembled from separate components, the integrated design reduces on-site assembly, external connections and additional fittings. This saves installation time and helps achieve a cleaner, more organized installation.
- **STAINLESS STEEL INSTEAD OF CARBON STEEL**
  Unlike conventional carbon steel, stainless steel offers superior corrosion resistance, greater durability, and longer service life. By using stainless steel, Solarico ensures enhanced reliability, reduced maintenance requirements, and long-term performance, even in demanding operating conditions.
- **WALL-MOUNTED & SPACE-SAVING**
  Designed primarily for wall mounting, the reservoir frees up valuable floor space and keeps essential components together, making it particularly suitable for technical rooms with limited space.
- **EASY SYSTEM MONITORING**
  The integrated liquid-level sight glass allow quick visual checks of liquid level, inspection and system monitoring.
- **SOLAR THERMAL COLLECTORS PROTECTION**
  When the circulation pump stops, liquid drains from the collectors into the reservoir, helping protect against freezing and overheating when the system is correctly designed and installed.

WHY CHOOSE THE INTEGRATED VERSION?

The Drain-Back Integrated Tank combines liquid storage, circulation, safety components and monitoring in one compact assembly. A traditional installation requires these components to be selected, positioned and connected individually, increasing installation work and the space needed for pipework and fittings.

By bringing these components together, the integrated version simplifies installation planning, reduces assembly work and delivers a tidy, space-saving solution. Wall mounting provides additional flexibility, while the built-in liquid-level sight glass allows quick checks of the fluid level to help ensure proper system operation. Available in 50, 100 and 150-litre capacities, it is a practical choice for installers and customers seeking easier installation, convenient monitoring and simpler maintenance.



Mounting options - wall and floor



Model 1

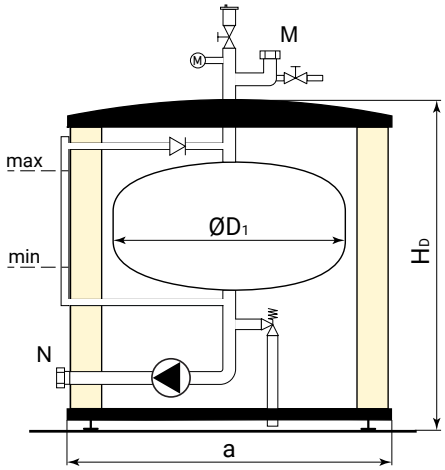
with circulation pump



Model 2

with centrifugal pump

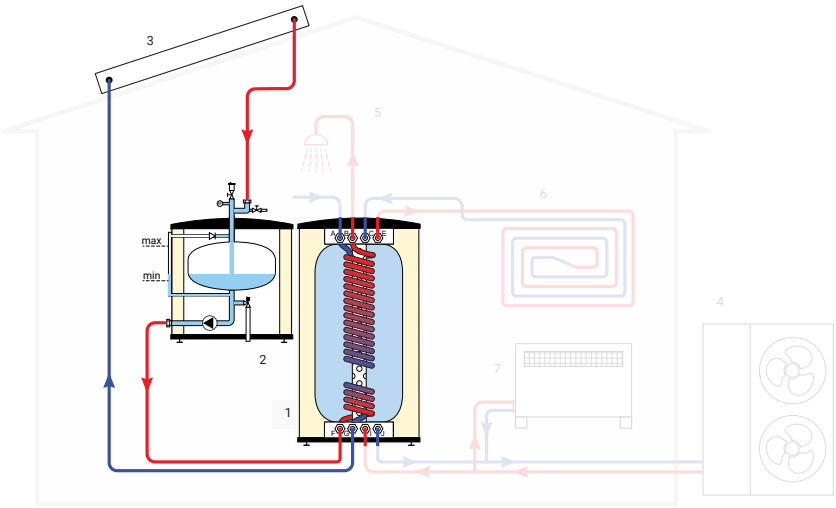
Drain Back Integrated INOX Tank		50	100	150
D_1 (diameter)	(mm)	600	600	600
a (width)	(mm)	725	725	725
H_D (height)	(mm)	450	830	830
Approx. weight	(kg)	41	54	57
Tank capacity	(l)	50	100	150
Connections M,N			1" DN25	
Max. working pressure	(bar)		6	
Material			Stainless steel AISI 304	
Mounting options			Wall, Floor	
System controller			yes	
Recommended thermal collector surface area	(m²)	5 ÷ 15	15 ÷ 30	30 ÷ 45
Model 1 - circulation pump			0 ÷ 13 Hmax, 1-1/4" thread connection	
Model 2 - centrifugal pump			0 ÷ 30 Hmax, 1" thread connection	



M - Solar in
N - Drain Back out

1. Thermal Tank UniQube SQ-BPSW
2. Drain Back Integrated INOX Tank
3. Solar thermal collectors UniPlate 2.5 SB
4. Heat pump *
5. DHW
6. Floor heating
7. Fan coil units

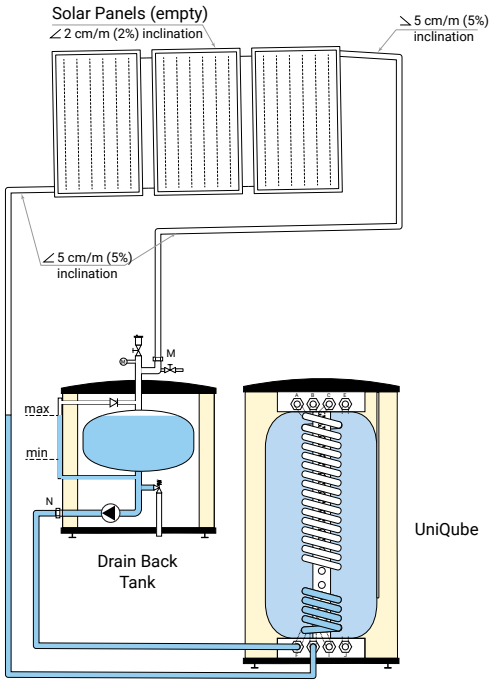
* Or any kind of heat source



Drain Back Integrated Tank in home energy system

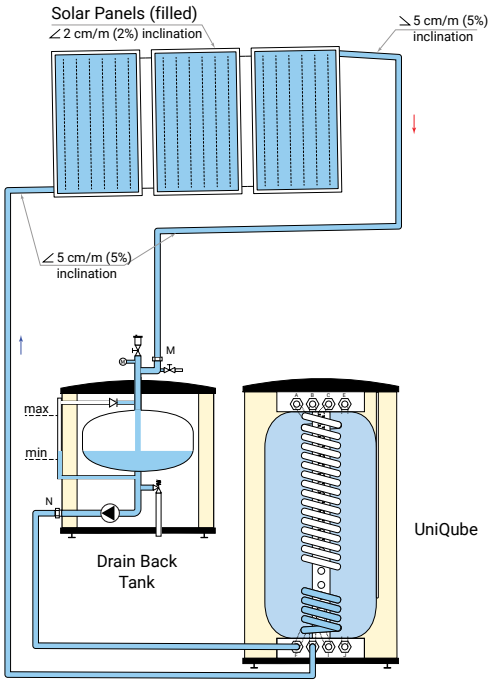
Idle

Pump OFF



In Operation

Pump ON



Operation modes of the DB integrated tank with levels of fluid in it

Solarico®

ENERGY SAVING
WITH SOLARICO PRODUCTS

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



ISO 9001 TSU CE 10 YEARS 30 YEARS

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