

BESTANK SOLAR SERIES TANKS

10 bar/16 bar/25 bar

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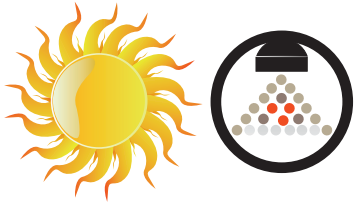
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ISO
9001:2008
REGISTERED



BESTANK-SOLAR SERIES TANKS

Expansion Tanks For Solar Energy Systems

The rapidly improving solar energy systems have become vital in our's daily life. The expansion tanks are the most important component, making the system work precisely for longtime.

If you think you are in need of new, high quality expansion tank for solar systems because of the problems you have met ; With its innovative approach, BESTANK is ready to meet all your demands with its new Bestank Solar series tanks.

Bestank Solar expansion series tanks are being designed in order to control the expansion&contraction of the water due to exceed of heat in the closed circuit systems and thus to provide safety operating of the system and to make the system work in the most efficient way.

Bestank Solar system tanks are being produced in real volume sizes, equipped with interchangeable membrane of italian origine, compounded of special Butyle and other chemical structures, providing resistance up to 130 C (allowing limited use). Along with that, Bestank solar tanks are being manufactured with stainless steel flange cover and stainless steel water connector.

The stainless steel flange cover and the stainless steel water connector provide a great protection against rust. The Butyle mebrane allows very low gas permeability. Thus Bestank Solar tanks can be used for many years with not even a single defect.

Each single Bestank solar tank is being offered for sale after passed through all the quality checks and quality 100 % approved.



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SPEIFICATIONS

Tank Metal Body

- Interchangeable membrane due to screw connection flange cover at the bottom of the tank
- Flange cover and water connector made of stainless steel material
- Resistant up to 10/16/25 bars
- Outer surface with epoxy powder paint
- All tanks CE 97/23 Certified

Option: Flanges available in carbon steel upon request

Membranes

- Butly – Special Solar membranes suitable for high temperature applications
- Suitable for use up to 100°C (allowing limited use up to 130°C)
- Suitable for use with Ethylene-or Propylene-Glycolic mixtures
- Very low gas permeability
- DIN 4807-3 certified

Option: EPDM membranes available upon request

Colour;

Original Colour : Almond – RAL 1013

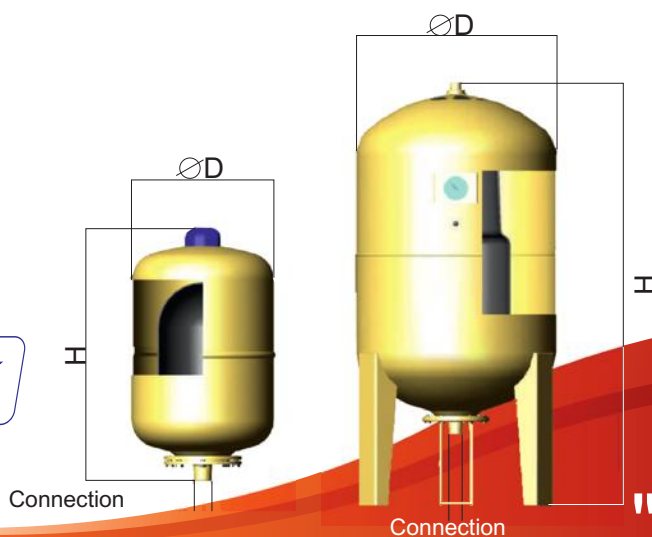
RAL 1013

Optional Colour : Red – RAL 3020

RAL 3020

Model	(L) Capacity	(Bar) Pressure	(D) Diameter	(H) Height	Pre-Charge Pressure	Connection
BHT-8V-S	8	10/16/25	200 mm	330 mm	2 bar	3/4"
BHT-12-S	12	10/16/25	240 mm	310 mm	2 bar	3/4"
BHT-19V-S	19	10/16/25	300 mm	370 mm	2 bar	3/4"
BHT-24V-S	24	10/16/25	300 mm	430 mm	2 bar	3/4"
BHT-35V-S	35	10/16/25	350 mm	450 mm	2 bar	3/4"
BHT-50VL-S	50	10/16/25	350 mm	760 mm	2 bar	3/4"
BHT-60VL-S	60	10/16/25	380 mm	870 mm	2 bar	3/4"
BHT-80VL-S	80	10/16/25	425 mm	930 mm	2 bar	3/4"
BHT-100VL-S	100	10/16/25	460 mm	990 mm	2 bar	1"
BHT-150VL-S	150	10/16/25	500 mm	1080 mm	2 bar	1"
BHT-200VL-S	200	10/16/25	600 mm	1120 mm	2 bar	1"
BHT-300VL-S	300	10/16/25	640 mm	1250 mm	2 bar	1"
BHT-500VL-S	500	10/16/25	750 mm	1490 mm	2 bar	1"

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Accessories

BESTANK offers universal wall assembly brackets for easy montage and special Solar Membrane as accessories

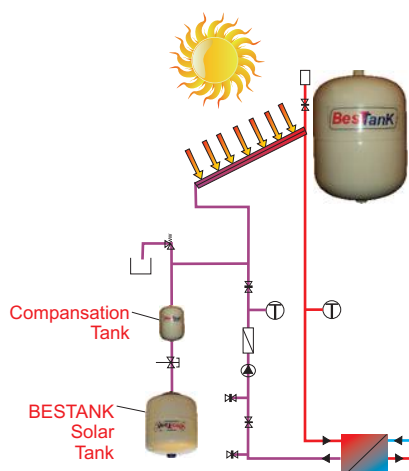
Code	Product Name	Volume
BHT-S/HT	Universal Wall Assembly Bracket	50 lt ye kadar
BEM-I-8-12-S	8-12 lt Special Solar Membrane	8-12 lt
BEM-I-18-24-S	18-24 lt. Special Solar Membrane	18-24 lt
BEM-I-24-S	24 lt. Special Solar Membrane	24 lt
BEM-I-35-50-S	35-50 lt. Special Solar Membrane	35-50 lt
BEM-I-50-60-S	50-60 lt. Special Solar Membrane	60-80 lt
BEM-I-80-100-S	80-100 lt. Special Solar Membrane	80-100 lt
BEM-I-100-150-S	100-150 lt. Special Solar Membrane	100-150 lt
BEM-I-150-200-S	150-200 lt. Special Solar Membrane	150-200 lt
BEM-I-200-300-S	200-300 lt. Special Solar Membrane	200-300 lt
BEM-I-500-750-S	500-750 lt. Special Solar Membrane	500-750 lt



Overheat Compensation Tanks

The Overheat Compensation Tanks are specially produced in order to protect the membrane from overheat in case the temperature in the solar systems suddenly increases.

In sometimes, the heat in the system can grow up out of control. In this case, the cold water inside the heat compensation tank gets mixed with the hot water and thus the water gets into the solar membrane with regulated heat.



Code	Product Name	Capacity	Diemeter (D)	Height (H)	Connection
BHT-HCT-8	8 lt Overheat Compensation Tanks	8 lt	200 mm	330 mm	2 x 3/4"
BHT-HCT-12	12 lt Overheat Compensation Tanks	12 lt	240 mm	310 mm	2 x 3/4"
BHT-HCT-19	19 lt Overheat Compensation Tanks	19 lt	300 mm	370 mm	2 x 3/4"
BHT-HCT-24	24 lt Overheat Compensation Tanks	24 lt	300 mm	430 mm	2 x 3/4"
BHT-HCT-35	35 lt Overheat Compensation Tanks	35 lt	350 mm	450 mm	2 x 3/4"
BHT-HCT-50	50 lt Overheat Compensation Tanks	50 lt	350 mm	760 mm	2 x 3/4"

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