



Pressure Tanks

Made in Turkey



Catalogue 2023





**MISSION**

With the knowledge and experience we have gained for more than half a century, we produce expansion tanks that are especially needed by the Turkish industry.

VISION

To be a global actor that always produces, grows with its investments and adds value to Turkey.

OUR GOAL

To be a global player in every field we operate without compromising our reputation and to contribute to the development of the Turkish industry as a pioneering company.

OUR VALUES**Leadership**

We will produce non-stop in order to be a pioneer and leader company in all sectors in which we exist.

Quality and Performance

Our products and services; We will work to provide our customers with internationally determined standards and to increase our performance with the parameters we follow.

Development, Changing

By following the developments and innovations in our sector and technology, we will improve our skills and ensure that our companies stay up to date.



From its inception until today, Sistema has always protected and improved being the first company that came to mind for quality while being one of the best examples of continuous development in the world. Quality Awareness has naturally been adopted by all employees regardless of their badge colors due to the organizational structure of the company. Sistema has been in production with the understanding of Total Quality Management, while training its employees continuously making them a valuable part of its quality circle.

It is believed in Sistema that the quality of the employees directly affects continuous development and thereby every employee is primarily responsible for their assigned tasks.

Sistema provides its products and services to every corner of the world and it shapes its continuous development knowing the value of customer satisfaction in Sistema, where technological investments never cut a corner, the resulting products are produced according to international standards.

The products are manufactured as the perfect components of human and technological investments and are a source of pride for the Sistema family.

We not only meet the expectations of our customers, we also develop ourselves and our country with our products and services.

KBS, which always breaks new ground, maintains its strongest role in the global market with the quality certificates it uses while producing under the Sistema brand.

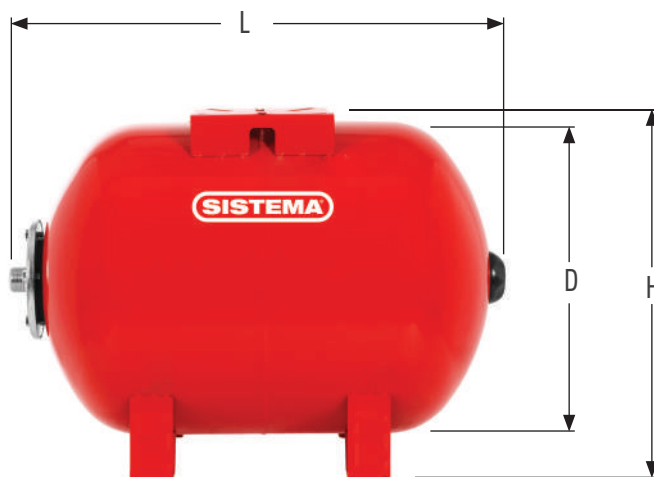
CLOSED EXPANSION and HYDROPHORE TANKS WITH REPLACEABLE MEMBRANE (VERTICAL)



TIN SERIES

VOLUME (LT)	MAXIMUM OPERATING PRESSURE (BAR)	DIAMETER (mm)	HEIGHT (mm)	CONNECTION (INCH)	PRE-CHARGE PRESSURE (BAR)
8	6-10-16-25	219	305	3/4" - 1"	2
12	6-10-16-25	219	365	3/4" - 1"	2
19	6-10-16-25	280	405	3/4" - 1"	2
24	6-10-16-25	280	471	3/4" - 1"	2
35	6-10-16-25	380	500	3/4" - 1"	2
50	6-10-16-25	380	615	3/4" - 1"	2
24	6-10-16-25	350	325	3/4" - 1"	2

CLOSED EXPANSION and HYDROPHORE TANKS WITH REPLACEABLE MEMBRANE (HORIZONTAL)



THL SERIES

VOLUME (LT)	MAXIMUM OPERATING PRESSURE (BAR)	DIAMETER (mm)	WIDTH (mm)	HEIGHT (mm)	CONNECTION (INCH)	PRE-CHARGE PRESSURE (BAR)
24	6-10-16-25	280	471	330	1"	2
50	6-10-16-25	380	615	430	1"	2
60	6-10-16-25	380	715	430	1"	2
80	6-10-16-25	425	770	465	1"	4
100	6-10-16-25	460	800	500	1"	4

CLOSED EXPANSION and HYDROPHORE TANKS WITH REPLACEABLE MEMBRANE (VERTICAL WITH LEGS)



TVL SERIES

VOLUME (LT)	MAXIMUM OPERATING PRESSURE (BAR)	DIAMETER (mm)	HEIGHT (mm)	CONNECTION (INCH)	PRE-CHARGE PRESSURE (BAR)
50	6-10-16-25	380	730	1"	2
60	6-10-16-25	380	830	1"	2
80	6-10-16-25	425	970	1"	4
100	6-10-16-25	460	1000	1"	4
150	6-10-16-25	508	1105	1"	4
200	6-10-16-25	585	1110	1 1/4"	4
300	6-10-16-25	635	1235	1 1/4"	4

CLOSED EXPANSION and HYDROPHORE TANKS WITH REPLACEABLE MEMBRANE (VERTICAL WITH LEGS)



TVL SERIES

VOLUME (LT)	MAXIMUM OPERATING PRESSURE (BAR)	DIAMETER (mm)	HEIGHT (mm)	CONNECTION (INCH)	PRE-CHARGE PRESSURE (BAR)
500	6-10-16-25	750	1525	1 1/4"	4
750	6-10-16-25	800	1810	2"	4
900	6-10-16-25	800	2110	2"	4
1000	6-10-16-25	800	2160	2"	4
1250	6-10-16-25	958	2160	2"	4
1500	6-10-16-25	958	2410	2"	4
2000	6-10-16-25	1100	2540	2"	4

CLOSED EXPANSION and HYDROPHORE TANKS WITH REPLACEABLE MEMBRANE (VERTICAL WITH LEGS)



TVL SERIES

VOLUME (LT)	MAXIMUM OPERATING PRESSURE (BAR)	DIAMETER (mm)	HEIGHT (mm)	CONNECTION (INCH)	PRE-CHARGE PRESSURE (BAR)
2500	6-10-16-25	1200	2510	2"	4
3000	6-10-16-25	1200	2760	3"	4
4000	6-10-16-25	1500	3130	3"	4
5000	6-10-16-25	1500	3660	3"	4
6000	6-10-16-25	1600	3840	3"	4
8000	6-10-16-25	1600	4840	3"	4
10000	6-10-16-25	1600	5840	3"	4

UPPER FLANGED CLOSED EXPANSION and HYDROPHORE TANKS WITH REPLACEABLE MEMBRANE



TUF SERIES

VOLUME (LT)	MAXIMUM OPERATING PRESSURE (BAR)	DIAMETER (mm)	HEIGHT (mm)	CONNECTION (INCH)	PRE-CHARGE PRESSURE (BAR)
35	6-10	380	470	1"	2
50	6-10	380	620	1"	2
60	6-10	380	720	1"	2
80	6-10	425	740	1"	4
100	6-10	460	775	1"	4
150	6-10	508	940	1"	4
200	6-10	585	965	1 1/4"	4
300	6-10	635	1150	1 1/4"	4
500	6-10	750	1450	1 1/4"	4

CLOSED EXPANSION and HYDROPHORE TANKS WITH REPLACEABLE MEMBRANE FOR SOLAR SYSTEM



TSV SERIES

VOLUME (LT)	MAXIMUM OPERATING PRESSURE (BAR)	DIAMETER (mm)	HEIGHT (mm)	CONNECTION (INCH)	PRE-CHARGE PRESSURE (BAR)
8	10	219	305	3/4" - 1"	2
12	10	219	365	3/4" - 1"	2
19	10	280	405	3/4" - 1"	2
24	10	280	471	3/4" - 1"	2
35	10	380	500	3/4" - 1"	2
50	10	380	615	3/4" - 1"	2

CLOSED EXPANSION and HYDROPHORE TANKS WITH REPLACEABLE MEMBRANE FOR SOLAR SYSTEM



TSVL SERIES

VOLUME (LT)	MAXIMUM OPERATING PRESSURE (BAR)	DIAMETER (mm)	HEIGHT (mm)	CONNECTION (INCH)	PRE-CHARGE PRESSURE (BAR)
50	10	380	730	1"	2
60	10	380	830	1"	2
80	10	425	970	1"	4
100	10	460	1000	1"	4
150	10	508	1105	1"	4
200	10	585	1110	1 1/4"	4
300	10	635	1235	1 1/4"	4
500	10	750	1520	1 1/4"	4
750	10	800	1810	2"	4
1000	10	800	2160	2"	4
1500	10	958	2410	2"	4

STAINLESS STEEL CLOSED EXPANSION and HYDROPHORE TANKS WITH REPLACEABLE MEMBRANE (304)



TSSHL SERIES

VOLUME (LT)	MAXIMUM OPERATING PRESSURE (BAR)	DIAMETER (mm)	HEIGHT (mm)	CONNECTION (INCH)	PRE-CHARGE PRESSURE (BAR)
24	10	280	340	1"	2
50	10	380	430	1"	2
60	10	380	430	1"	2
80	10	425	465	1"	4
80	10	460	500	1"	4

STAINLESS STEEL CLOSED EXPANSION and HYDROPHORE TANKS WITH REPLACEABLE MEMBRANE (304)



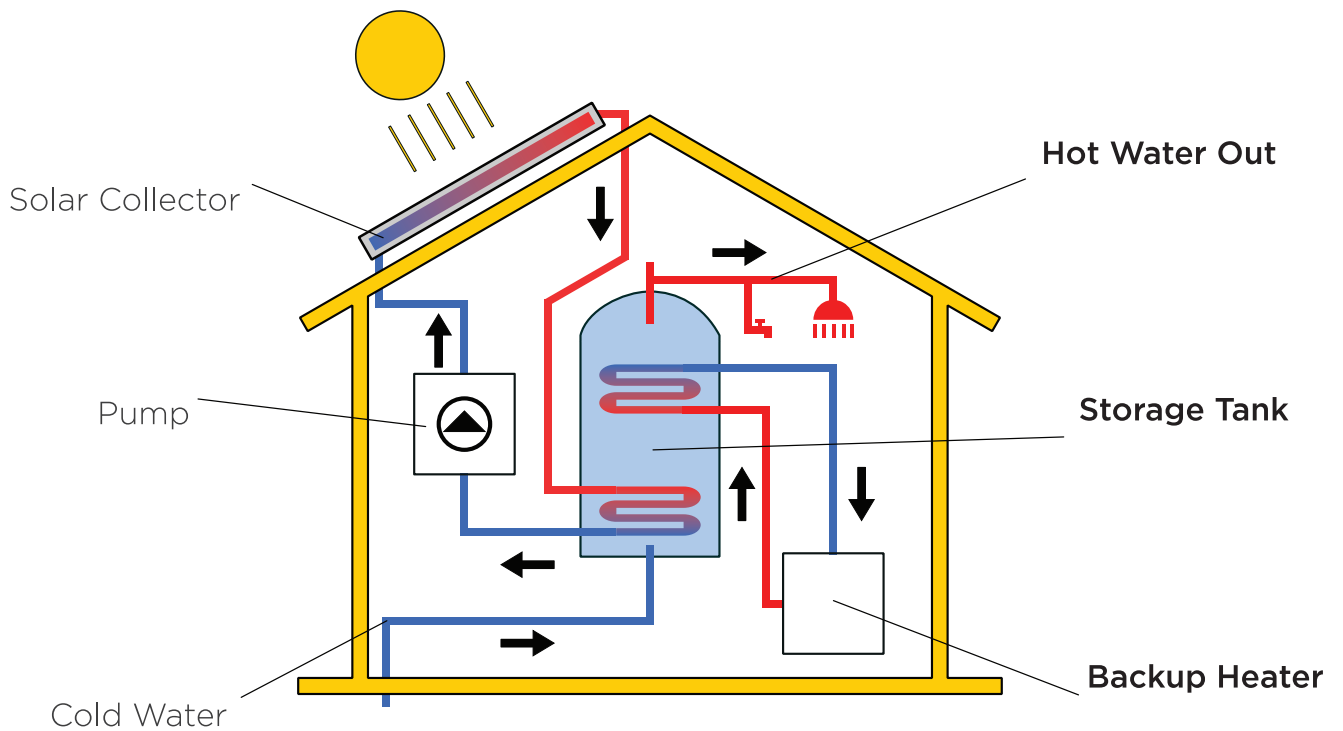
TSSVL SERIES

VOLUME (LT)	MAXIMUM OPERATING PRESSURE (BAR)	DIAMETER (mm)	HEIGHT (mm)	CONNECTION (INCH)	PRE-CHARGE PRESSURE (BAR)
50	10	380	730	1"	2
60	10	380	830	1"	2
80	10	425	970	1"	4
100	10	460	1000	1"	4
150	10	508	1105	1"	4
200	10	585	1110	1 1/4"	4
300	10	635	1225	1 1/4"	4
500	10	750	1525	1 1/4"	4
750	10	800	1810	2"	4
1000	10	260	2160	2"	4
1500	10	958	2410	2"	4

* For larger volumes, please request a quote.



MODEL	PRODUCT DESCRIPTION
2/3	2/3 lt EPDM Membrane
5/8	5/8 lt EPDM Membrane
8	12 lt EPDM Membrane (Small Flange)
12	12 lt EPDM Membrane (Large Flange)
19	18/24 lt EPDM Membrane
24	24 lt EPDM Membrane
35/50	35/50 lt EPDM Membrane
60	50/80 lt EPDM Membrane
80	80/100 lt EPDM Membrane
100	100/150 lt EPDM Membrane
150	150/200 lt EPDM Membrane (Small Flange)
200	200 lt EPDM Membrane (Large Flange)
300	200/300 lt EPDM Membrane
500	500/750 lt EPDM Membrane
750	750 lt EPDM Membrane
1000	1000 lt EPDM Membrane
1500/2000/2500	1500/2000/2500 lt EPDM Membrane
3000/4000	3000/4000 lt EPDM Membrane
5000	5000 lt BUTYL Membrane
8000	8000 lt BUTYL Membrane
10000	10000 lt BUTYL Membrane



TECHNICAL CHARACTERISTICS

- OUR TANKS ARE SUITABLE FOR HEATING, COOLING, PUMP AND SOLAR SYSTEMS.
- OUR VESSELS ARE CERTIFIED ACCORDING TO 2014/68 / EU, TS EN 13831, ASME DIRECTIVES.
- WORKING TEMPERATURE $-10\text{ }^{\circ}\text{C}$ / $+99\text{ }^{\circ}\text{C}$.
- TANKS CAN BE PRODUCED WITH BUTYL MEMBRANES AND STAINLESS STEEL FLANGES.
- COLOUR OPTIONS







30x110
A2-1121



www.sistema.it