



Membrane expansion tanks for heating



- Tanks are dedicated for compensation of heat carrier thermal expansions in heating systems.
- All the models are made of high quality steel and designed to be used for many years. Membrane is made of heat-resistant rubber EPDM.
- All tanks have interchangeable membranes.
- As a heat carrier in the heating system water can be used with glycol content not higher than 50%.
- Working temperature regime is from -10 °C to +100 °C.
- Body colour – red.
- Life span – 100 thousand cycles.
- The pressure in the air chamber for the tanks from 8 till 150 lt - 1.5 bar, from 200 till 10000 lt - 4 bar.
- Tanks from 200 to 10 000 liters can be produces for 16 and 25 bars by request and can be equipped with manometer.

Model	Capacity, (lt)	Max. Pressure, bar	Diameter, mm	Total height, mm	Diameter connection nipple, mm	Weight, (kg)
Vertical version						
WRV - 8	8	5	200	333	3/4"	1,55
WRV - 12	12	5	280	323	3/4"	2,1
WRV - 18	18	5	280	423	3/4"	2,8
WRV - 24	24	5	280	523	3/4"	4,25
WRV - 35	35	5	365	473	3/4"	5,95
WRV - 50	50	5	365	565	3/4"	9,2
WRV - 80	80	5	410	695	3/4"	11.6
WRV - 100	100	5	495	690	1"	15.1
WRV - 150	150	5	495	955	1"	18.4
WRV - 200	200	10	635	1000	1 1/4"	38
WRV - 300	300	10	635	1210	1 1/4"	45
WRV - 500	500	10	740	1520	1 1/4"	75
WRV - 750	750	10	740	1900	2"	110
WRV - 1000	1000	10	800	2225	2"	165
WRV - 2000	2000	10	1100	2500	2"	370
WRV - 3000	3000	10	1200	2800	Dn 65	550
WRV - 4000	4000	10	1500	2850	Dn 80	655
WRV - 5000	5000	10	1500	3100	Dn 80	830
WRV - 10000	10000	10	1500	5500	Dn 110	1920



ISO-9001

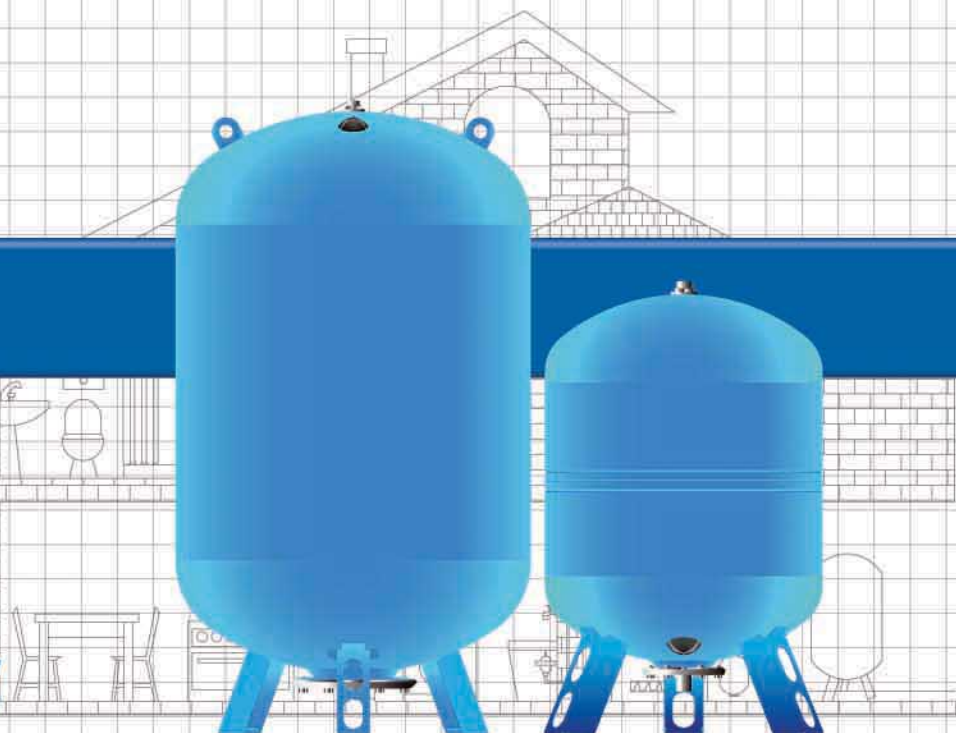
**ENQUIRY
SERVICE**

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Membrane pressure tanks for water supply



- Tanks are used in cold water supply system for:
 - supporting constant pressure in the system;
 - reducing start/stop operations of the pump;
 - protecting system from hydraulic shock.

- In hot water system tanks are used for compensation of heat carrier thermal expansion.

- Main components the tank: body of high quality steel and flexible membrane of EPDM.

- Membrane divides tank into two chambers: air (chamber between steel body and membrane) and water (inside chamber of the membrane itself). Water is inside the membrane and it doesn't get into contact with steel tank walls.

- All tanks have interchangeable membranes.

- Freezing of water in the tank is not allowed.

- Working temperature regime is from 1°C to 100 °C.

- Body colour – blue

- Life span – 100 thousand cycles. blue.

- The pressure in the air chamber for the tanks from 8 till 150 lt - 1.5 bar, from 200 till 10000 lt - 4 bar.

- Tanks from 200 to 10 000 liters can be produces for 16 and 25 bars by request and can be equipped with manometer.

Model	Capacity, (lt)	Max. Pressure, bar	Diameter, mm	Total height, mm	Length, mm	Diameter connection nipple, mm	Weight, (kg)
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Vertical version

WAV - 8	8	10	200	333	-	3/4"	1,55
WAV - 12	12	10	280	323	-	3/4"	2,1
WAV - 18	18	10	280	423	-	3/4"	2,8
WAV - 24	24	10	280	523	-	3/4"	4,25
WAV - 35	35	10	365	473	-	3/4"	5,95
WAV - 50	50	10	365	695	-	3/4"	9,2
WAV - 80	80	10	410	810	-	3/4"	11,6
WAV - 100	100	10	495	795	-	1"	15,1
WAV - 150	150	10	495	1060	-	1"	18,4
WAV - 200	200	10	635	1000	-	1 1/4"	38
WAV - 300	300	10	635	1210	-	1 1/4"	45
WAV - 500	500	10	740	1520	-	1 1/4"	75
WAV - 750	750	10	740	1900	-	2"	110
WAV - 1000	1000	10	800	2225	-	2"	165
WAV - 2000	2000	10	1100	2500	-	2"	370
WAV - 3000	3000	10	1200	2800	-	Dn 65	550
WAV - 4000	4000	10	1500	2850	-	Dn 80	655
WAV - 5000	5000	10	1500	3100	-	Dn 80	830
WAV - 10000	10000	10	1500	5500	-	Dn 110	1920

Horizontal version

WAO - 24	24	10	280	297	523	1"	5,6
WAO - 50	50	10	365	382	575	1"	9,4
WAO - 80	80	10	410	427	728	1"	13,2
WAO - 100	100	10	495	512	733	1"	16,3
WAO - 150	150	10	945	517	980	1"	20,5



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