



 **VAREM**<sup>®</sup>  
catalogue  
2022







## HEATING LINE

The expansion vessel for heating systems makes available the volume for water dilation due to temperature increments, and keeps the system safe to dangerous pressure variations.

The working of the expansion vessels is more important during system start-up, when water temperature rises very quickly.



## EXPANSION VESSELS FOR HEATING SYSTEMS

- Galvanized carbon steel flange up to 400 L, coated from 500 lt to 1000 L
- Pre charge pressure 1.5 bar
- Red color

### EXTRAVAREM LR CE -10 +99 °C



Standard Code	Capacity	Max. pressure	Connection	Dimensions	Packaging	Qty/pallet
	L	bar	inch	mm	m <sup>3</sup>	n.
R1005231CS000000	5*	6	3/4"	160x325	0.019	210
R1008231CS000000	8*	6	3/4"	200x330	0.031	144
UR012231CS000000	12	6	3/4"	270x325	0.024	84
UR018231CS000000	18	6	3/4"	270x415	0.034	56
UR025231CS000000	25	6	3/4"	290x460	0.041	63
UR040231CS000000	40	5	3/4"	320x580	0.068	36

Fixed membrane, crimped flange

### MAXIVAREM LR CE -10 +99 °C



Standard Code	Capacity	Max. pressure	Connection	Dimensions	Packaging	Qty/pallet
	L	bar	inch	mm	m <sup>3</sup>	n.
UR035231CS000000	35	5	3/4"	320X525	0.064	42
UR050271CS000000	50	6	3/4"	380X620	0.104	25
UR060371CS000000	60	6	1"	380X670	0.116	25
UR080371CS000000	80	6	1"	450X650	0.135	20
UR100371CS000000	100	6	1"	450X730	0.173	15
UR150471CS000000	150	6	1 1/2"	554X810	0.265	8
UR200471CS000000	200	6	1 1/2"	554X988	0.324	8
UR250471CS000000	250	6	1 1/2"	624X1006	0.423	6
UR300471CS000000	300	6	1 1/2"	624X1160	0.481	6
UR400471CS000000	400	6	1 1/2"	624X1520	0.77	6
UR500471CS000000	500	6	1 1/2"	790X1250	1.126	1
UR600471CS000000	600	6	1 1/2"	790X1525	1.349	1
UR700471CS000000	700	6	1 1/2"	790X1635	1.438	1
URN10H61CS000000	1000	6	2"	930X1913	2.2	1

Replaceable membrane, screwed flange from 50 lt

### STARVAREM -10 +99 °C



Standard Code	Capacity	Max. pressure	Connection	Dimensions	Packaging	Qty/pallet
	L	bar	inch	mm	m <sup>3</sup>	n.
UR0352E1CS000000	35	6	3/4"	320x500	0.06	42
UR0502E1CS000000	50	6	3/4"	381x555	0.08	25
UR0803E1CS0ST000	80	10	1"	451x732	0.16	12
UR1003E1CS0ST000	100	10	1"	451x806	0.17	12
UR1503E1CS0ST000	150	10	1"	451x1027	0.22	6
UR2003E1CS0ST000	200	10	1"	550x1076	0.33	6
UR2803E1CS0ST000	280	10	1"	550x1385	0.43	6
UR430VE1CS0ST000	430	10	1 1/4"	630x1580	0.66	6

Diaphragm membrane  
Side connection for 35-50 lt





## WATER LINE

The pressure tanks of Varem LS line are a basic element for long lasting and efficiency of a potable water distribution system.

The pressure tank stores the pressurized water of the booster systems working as hydrodynamic flywheel during drawing.

This application reduces the ON/OFF switching frequency of the booster system.

A pressure switch adjusts the internal pressure and activates the pump only if the water pressure in the tank is lower than the minimum required.

Switching on, the pump loads the storage tank again.



## WATER LINE VERTICAL

- Vertical multifunction water tanks
- Replaceable membrane
- Available with galvanised or painted flange
- Red color (blue colour available on demand)
- Pre-charge pressure 2 bar

### INTERVAREM LS CE -10 +99 °C IDROVAREM CE



Standard Code	Capacity	Max. pressure	Connection	Dimensions	Packaging	Qty/pallet
	L	bar	inch	mm	m <sup>3</sup>	n.
S2005361CS000000	5	8	1"	160x332	0.010	210
S2008361CS000000*	8	8	1"	200x348	0.015	144
S2012361CS000000*	12	8	1"	270x308	0.024	84
S2019361CS000000*	19	8	1"	270x415	0.031	63
S2020361CS000000	20	8	1"	250x500	0.038	56
E10243D1CS0SE000	24	8	1"	351X358	0.045	54
S2024361CS000000*	24	8	1"	351x358	0.045	54
S2025361CS000000*	25	8	1"	290x472	0.041	63
S2040361CS000000*	40	8	1"	320x595	0.066	36

AVAILABLE WITH S/S FLANGE ON DEMAND (10 BAR) BLUE COLOR UPON REQUEST

\* Available version in white color, s/s flange and 3.5 bar pre-charge

\* Connection 3/4" available upon request

### MAXIVAREM LS CE



Standard Code	Capacity	Max. pressure	Connection	Dimensions	Packaging	Qty/pallet
	L	bar	inch	mm	m <sup>3</sup>	n.
US040361CS000000	40	10	1"	328x757	0.120	15
US050361CS000000	50	10	1"	379x759	0.126	15
US060361CS000000	60	10	1"	379x825	0.131	15
US080361CS000000	80	10	1"	450x789	0.170	15
US100361CS000000	100	10	1"	450x910	0.200	15
US150461CS000000	150	10	1"1/2	554x1040	0.340	8
US200461CS000000	200	10	1"1/2	554x1250	0.407	8
US300461CS000000	300	10	1"1/2	624x1370	0.596	6
US500461CS000000	500	10	1"1/2	790x1460	0.900	1
US750461CS000000*	750	10	1"1/2	786x1925	1.300	1
USN10H61CS000000*	1000	9.5	2"	945x1912	1.900	1
USN20H61CS000000*	2000	9.5	2"	1280x2080	3.720	1

AVAILABLE WITH S/S FLANGE ON DEMAND BLUE COLOR UPON REQUEST

\* Available not CE marked

\*\* Not CE marked

## WATER LINE HORIZONTAL/HIGH PRESSURE

- Horizontal multifunction water tanks
- Replaceable membrane
- Available with galvanised or painted flange
- Red color (blue colour available on demand)
- Pre-charge pressure 2 bar

-10 +99 °C

INTERVAREM



MAXIVAREM LS CE



		HORIZONTAL					
Standard Code	Capacity	Max. pressure	Connection	Dimensions	Packaging	Qty/pallet	
	L	bar	inch	mm	m <sup>3</sup>	n.	
S2H19361CS0BP000*	19	8	1"	300x418	0.031	63	
S2H20361CS0BP000*	20	10	1"	274x497	0.038	56	
US041361CS000000	40	10	1"	352x595	0.066	36	
US051361CS000000	50	10	1"	410x610	0.126	25	
US061361CS000000	60	10	1"	410x670	0.131	20	
US081361CS000000	80	10	1"	479x637	0.170	20	
US101361CS000000	100	10	1"	485x756	0.200	15	
US151461CS000000	150	10	1"1/2	602x825	0.372	8	
US201461CS000000	200	10	1"1/2	602x1038	0.407	8	
US301461CS000000	300	10	1"1/2	654x1188	0.596	6	

AVAILABLE WITH S/S FLANGE ON DEMAND

\* 1.5 bar pre charge pressure

Up to 40 lt connection 3/4" upon request

PLUSVAREM -10 +99 °C



		HIGH PRESSURE					
Standard Code	Capacity	Max. pressure	Connection	Dimensions	Packaging	Qty/pallet	
	L	bar	inch	mm	m <sup>3</sup>	n.	
<u>CE marked</u>							
S5008361CS000000	8	16	1"	200x320	0.015	144	
S5020361CS000000	20	16	1"	250x509	0.038	56	
S5050361CS000000	50	16	1"	379x759	0.128	15	
S5080361CS000000	80	16	1"	450x789	0.170	15	
S5100361CS000000	100	16	1"	450x910	0.200	15	
S5200461CS000000	200	16	1"1/2	554x1250	0.407	8	
S5300461CS0CE000	300	14	1"1/2	624x1370	0.596	6	
S5500461CS0CE000	500	12	1"1/2	790x1460	0.900	1	
<u>not CE marked</u>							
S5300461CS000000	300	16	1"1/2	624x1370	0.596	6	
S5500461CS000000	500	16	1"1/2	790x1460	0.900	1	
S5750461CS000000	750	16	1"1/2	790x1925	1.300	1	
S5N10H61CS000000	1000	16	2"	945x1912	1.900	1	

AVAILABLE WITH S/S FLANGE ON DEMAND

25 bar upon request