

## EXPANSION VESSELS FOR HEATING SYSTEMS

### EXTRAVAREM LR -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"       | 270x310    | 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         |

Heating expansion vessels EXTRAVAREM LR with fixed membrane and with folded flange.

\*CE certification not applicable.

Precharge pressure 1.5 bar.

### MAXIVAREM LR -10 +99 °C



1000 L with bottom connection

| 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          | 20         |
| UR080371CS000000 | 80       | 6             | 1"         | 450X650    | 0,135          | 16         |
| UR100371CS000000 | 100      | 6             | 1"         | 450X730    | 0,173          | 12         |
| UR150471CS000000 | 150      | 6             | 1 1/2"     | 554X810    | 0,265          | 6          |
| UR200471CS000000 | 200      | 6             | 1 1/2"     | 554X988    | 0,324          | 6          |
| 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   | 0,770          | 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          |

Heating expansion vessels with replaceable membrane from 50 liters tank.

Galvanized steel flange up to 400 liters, painted from 500 to 1000 liters.

Precharge pressure 1.5 bar.

### STARVAREM LR -10 +99 °C



Mod. 35-50 L

Mod. 80-430 L

| 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    | 0,051          | 42         |
| UR0502E1CS000000  | 50       | 6             | 3/4"       | 380x555    | 0,079          | 25         |
| UR0803E1CS0S0T000 | 80       | 10            | 1"         | 451x732    | 0,16           | 16         |
| UR1003E1CS0S0T000 | 100      | 10            | 1"         | 451x806    | 0,17           | 12         |
| UR1503E1CS0S0T000 | 150      | 10            | 1"         | 451x1027   | 0,22           | 6          |
| UR2003E1CS0S0T000 | 200      | 10            | 1"         | 550x1076   | 0,33           | 6          |
| UR2803E1CS0S0T000 | 280      | 10            | 1"         | 550x1385   | 0,43           | 6          |
| UR430VE1CS0S0T000 | 430      | 10            | 1 1/4"     | 630x1580   | 0,66           | 6          |

Heating expansion vessels with diaphragm membrane.

Side connection for 35-50 liters.

Precharge pressure 1.5 bar.

## EXPANSION VESSELS FOR SOLAR HEATING SYSTEMS

Fixed or replaceable membrane, resistant to peaks of 130° C (4hours/day).

Precharge pressure 2.5 bar.

Glycol resistant membrane up to 100% concentration.

AISI304 stainless steel flange.

\*CE certification not applicable.

### SOLARVAREM -10 +130 °C



| Standard Code    | Capacity | Max. Pressure | Connection | Dimensions | Packaging      | Qty/pallet |
|------------------|----------|---------------|------------|------------|----------------|------------|
|                  | L        | bar           | inch       | mm         | m <sup>3</sup> | n.         |
| R8005241S4000000 | 5*       | 8             | 3/4"       | 160x325    | 0,010          | 210        |
| R8008241S4000000 | 8        | 8             | 3/4"       | 200x330    | 0,015          | 144        |
| R8012241S4000000 | 12       | 8             | 3/4"       | 270x310    | 0,024          | 84         |
| R8018281S4000000 | 18       | 8             | 3/4"       | 270x415    | 0,034          | 56         |
| R8025241S4000000 | 25       | 8             | 3/4"       | 290x460    | 0,041          | 63         |
| R8040241S4000000 | 40       | 8             | 3/4"       | 320x580    | 0,066          | 36         |

### SOLARVAREM -10 +130 °C



| Standard Code    | Capacity | Max. Pressure | Connection | Dimensions | Packaging      | Qty/pallet |
|------------------|----------|---------------|------------|------------|----------------|------------|
|                  | L        | bar           | inch       | mm         | m <sup>3</sup> | n.         |
| R8005243S4000000 | 5*       | 8             | 3/4"       | 160x325    | 0,010          | 210        |
| R8008243S4000000 | 8        | 8             | 3/4"       | 200x330    | 0,015          | 144        |
| R8012243S4000000 | 12       | 8             | 3/4"       | 270x310    | 0,024          | 84         |
| R8018243S4000000 | 18       | 8             | 3/4"       | 270x415    | 0,034          | 56         |
| R8025243S4000000 | 25       | 8             | 3/4"       | 290x460    | 0,041          | 63         |
| R8040243S4000000 | 40       | 8             | 3/4"       | 320x580    | 0,066          | 36         |

### SOLARVAREM -10 +130 °C



| Standard Code    | Capacity | Max. Pressure | Connection | Dimensions | Packaging      | Qty/pallet |
|------------------|----------|---------------|------------|------------|----------------|------------|
|                  | L        | bar           | inch       | mm         | m <sup>3</sup> | n.         |
| R8005281S4000000 | 5*       | 10            | 3/4"       | 160x325    | 0,010          | 210        |
| R8008281S4000000 | 8        | 10            | 3/4"       | 200x330    | 0,015          | 144        |
| R8012281S4000000 | 12       | 10            | 3/4"       | 270x310    | 0,024          | 84         |
| R8019281S4000000 | 19       | 10            | 3/4"       | 270x415    | 0,034          | 63         |
| R8025281S4000000 | 25       | 10            | 3/4"       | 290x460    | 0,041          | 63         |
| R8040281S4000000 | 40       | 10            | 3/4"       | 320x590    | 0,064          | 36         |



|                  |     |    |        |          |       |    |
|------------------|-----|----|--------|----------|-------|----|
| R8040281S4000000 | 40  | 10 | 3/4"   | 320x580  | 0,066 | 36 |
| R8050281S4000000 | 50  | 10 | 3/4"   | 380x620  | 0,104 | 25 |
| R8060281S4000000 | 60  | 10 | 3/4"   | 380x670  | 0,116 | 20 |
| R8080281S4000000 | 80  | 10 | 3/4"   | 450x650  | 0,135 | 16 |
| R8100381S4000000 | 100 | 10 | 1"     | 450x730  | 0,173 | 12 |
| R8150481S4000000 | 150 | 10 | 1 1/2" | 554x810  | 0,265 | 6  |
| R8200481S4000000 | 200 | 10 | 1 1/2" | 554x988  | 0,324 | 6  |
| R8300481S4000000 | 300 | 10 | 1 1/2" | 624x1160 | 0,481 | 6  |
| R8500481S4000000 | 500 | 10 | 1 1/2" | 790x1250 | 0,770 | 1  |

Replaceable membrane

### SOLAR PRE-TANK



| Standard Code    | Capacity | Max. Pressure | Connection | Dimensions | Packaging      | Qty/pallet |
|------------------|----------|---------------|------------|------------|----------------|------------|
|                  | L        | bar           | inch       | mm         | m <sup>3</sup> | n.         |
| RX01200000000000 | 12       | 10            | 3/4"       | 270x320    | 0,024          | 56         |
| RX01800000000000 | 18       | 10            | 3/4"       | 270x417    | 0,034          | 56         |

Steel tank with double connections (M/F) for decreasing the temperature in the solar systems

## EXPANSION VESSELS FOR BOILERS

### FLATVAREM -10 +99 °C



| Standard Code    | Capacity | Max. Pressure | Connection | Dimensions | Packaging      | Qty/box |
|------------------|----------|---------------|------------|------------|----------------|---------|
|                  | L        | bar           | inch       | mm         | m <sup>3</sup> | n.      |
| C100623100000000 | 6        | 3             | 3/4"       | 385x86     | 0,078          | 5       |
| C100723100000000 | 7        | 3             | 3/4"       | 385x92     | 0,078          | 5       |
| C100823100000000 | 8        | 3             | 3/4"       | 385x103    | 0,088          | 5       |
| C101023100000000 | 10       | 3             | 3/8"       | 385x110    | 0,095          | 5       |
| C101223100000000 | 12       | 3             | 3/4"       | 385x142    | 0,092          | 4       |
| C101423100000000 | 14       | 3             | 3/4"       | 385x160    | 0,097          | 4       |
| C101823100000000 | 18       | 3             | 3/4"       | 385x190    | 0,033          | 1       |
| C200623100000000 | 6        | 3             | 3/4"       | 325x103    | 0,052          | 4       |
| C200823100000000 | 8        | 3             | 3/4"       | 325x128    | 0,060          | 4       |
| C201023100000000 | 10       | 3             | 3/4"       | 325x136    | 0,067          | 4       |
| C201223100000000 | 12       | 3             | 3/4"       | 325x160    | 0,074          | 4       |

### FLATVAREM -10 +99 °C



| Standard Code    | Capacity | Max. Pressure | Connection | Dimensions  | Packaging      | Qty/box |
|------------------|----------|---------------|------------|-------------|----------------|---------|
|                  | L        | bar           | inch       | mm          | m <sup>3</sup> | n.      |
| C6007931000SN000 | 7        | 3             | 3/8"       | 203x504x66  | 0,08           | 2       |
| C600893100000000 | 8        | 3             | 3/8"       | 203x504x74  | 0,09           | 2       |
| C601093100000000 | 10       | 3             | 3/8"       | 203x504x107 | 0,09           | 1       |
| C601223100000000 | 12       | 3             | 3/4"       | 203x504x116 | 0,09           | 1       |
| C601423100000000 | 14       | 3             | 3/4"       | 203x504x128 | 0,09           | 1       |

Diaphragm membrane.  
Precharge pressure 1 bar.  
Connection 1/4", 3/4", 1/2" can be available upon request.

### EXTRAVAREM LR -10 +99 °C

#### OVAL SHAPE EXPANSION VESSELS

fix membrane tanks, galvanised steel flange



| Standard Code    | Capacity | Max. Pressure | Connection | Dimensions  | Packaging      | Qty/pallet |
|------------------|----------|---------------|------------|-------------|----------------|------------|
|                  | L        | bar           | inch       | mm          | m <sup>3</sup> | n.         |
| C7007231CSG00000 | 7.5      | 4             | 3/4"       | 110x493x192 | 0,08           | 144        |
| C7010231CS000000 | 10       | 4             | 3/4"       | 110x633x192 | 0,08           | 56         |

Fixed membrane tank.  
Galvanised steel flange.  
Precharge 1 bar.

## EXPANSION VESSELS FOR HEAT PUMP

### EXTRAVAREM LR -10 +99 °C



| Standard Code    | Capacity | Max. Pressure | Connection | Dimensions | Packaging      | Qty/box |
|------------------|----------|---------------|------------|------------|----------------|---------|
|                  | L        | bar           | inch       | mm         | m <sup>3</sup> | n.      |
| R1B16223S400B000 | 16       | 7             | 3/4"       | 201x580    | 0,100          | -       |

Fixed membrane suitable for glycol.  
AISI304 stainless steel flange.  
Precharge pressure 2,5 bar.





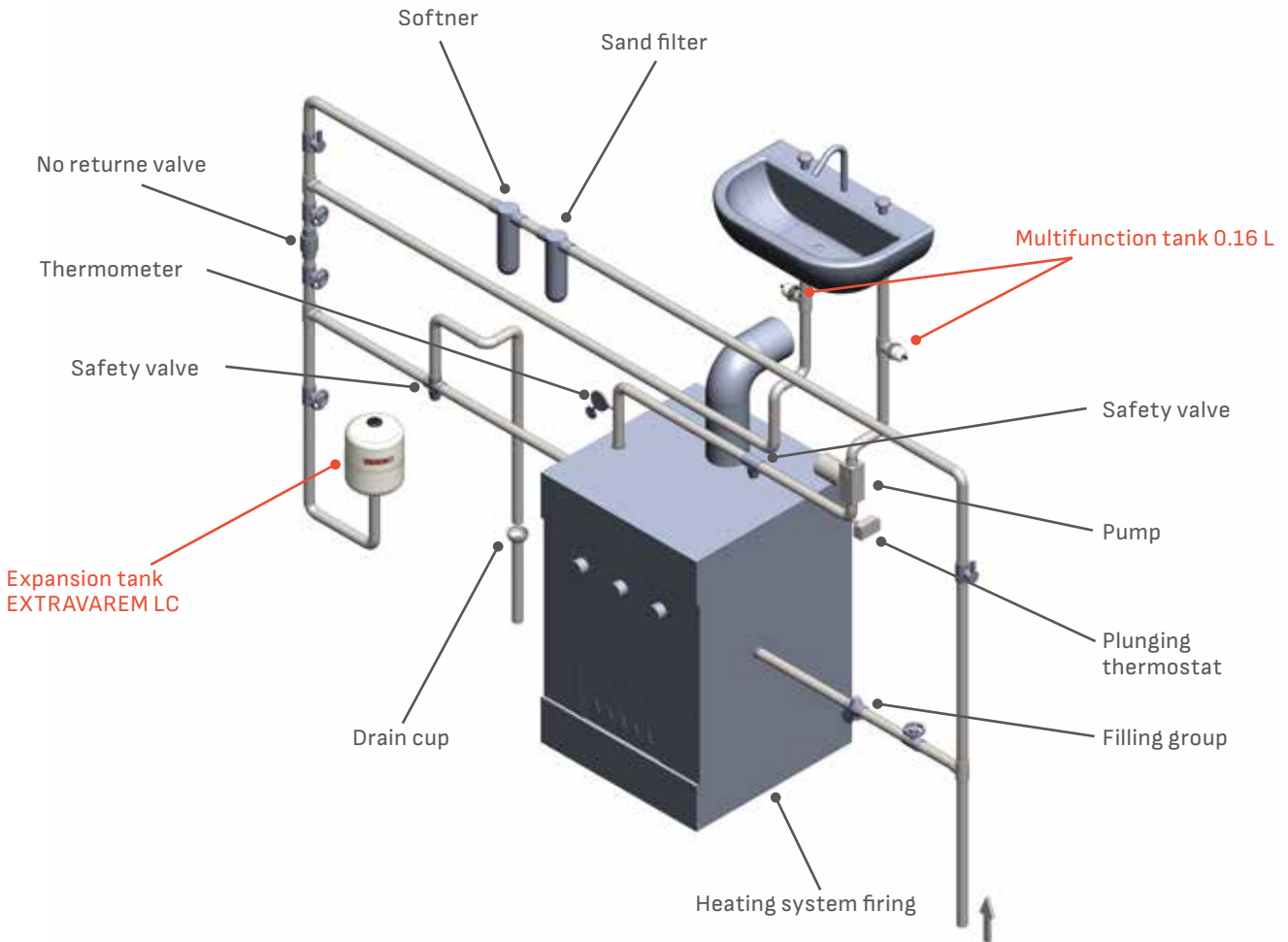
## HOT POTABLE WATER MULTIFUNCTION LINE

The expansion vessels of the Varem LC Multifunction line are used in the domestic hot water systems or as water hammer arrester.

The LC expansion vessels protect the system against the thermal dilation of the water in the heating systems and against water hammer.

They work as hydraulic flywheel too. Being designed for potable water, they contain a membrane with certification of potability.

SCHEME OF UTILIZATION FOR DOMESTIC HOT WATER AND AS WATER HAMMER ARRESTER



## MULTIFUNCTION EXPANSION VESSELS

### EXTRAVAREM LC -10 +99 °C

Use: hot and cold potable water



OVAL SHAPE



CIRCULAR SHAPE

| Standard Code    | Capacity<br>L | Max. Pressure<br>bar | Connection<br>inch | Dimensions<br>mm | Packaging<br>m <sup>3</sup> | Qty/pallet<br>n. |
|------------------|---------------|----------------------|--------------------|------------------|-----------------------------|------------------|
| C7002823S4000000 | 2             | 8                    | 1/2"               | 82x120x325       | 0,008                       | 126              |
| C7003823S4000000 | 3             | 8                    | 1/2"               | 82x120x475       | 0,010                       | 78               |
| C7004823S4000000 | 4             | 8                    | 1/2"               | 82x120x652       | 0,010                       | 60               |
| C7007223S4000000 | 7             | 8                    | 1/2"               | 113x197x487      | 0,01                        | 56               |
| C4025823S4000000 | 2,5           | 10                   | 1/2"               | 125x291          | 0,008                       | 96               |
| C4003823S4000000 | 3             | 10                   | 1/2"               | 125x348          | 0,010                       | 84               |
| C4004823S4000000 | 4             | 10                   | 1/2"               | 125x427          | 0,010                       | 68               |

Fixed membrane for potable water.  
AISI304 stainless steel flange.  
CE Mark (not applicable up to 5 L).

## MULTIFUNCTION EXPANSION VESSELS FOR HOT POTABLE WATER

### EXTRAVAREM LC -10 +99 °C



| Standard Code    | Capacity<br>L | Max. Pressure<br>bar | Connection<br>inch | Dimensions<br>mm | Packaging<br>m <sup>3</sup> | Qty/pallet<br>n. |
|------------------|---------------|----------------------|--------------------|------------------|-----------------------------|------------------|
| R1016823S4000000 | 0,16          | 15                   | 1/2"               | 65x105           | 0,035                       | 1480             |
| R1A06823S4000000 | 0,6           | 10                   | 1/2"               | 101x150          | 0,030                       | 1008             |
| R1001823S4000000 | 1             | 10                   | 1/2"               | 87x237           | 0,004                       |                  |
| R1002823S4000000 | 2             | 10                   | 1/2"               | 125x237          | 0,050                       | 135              |
| R1005223S4000000 | 5             | 8                    | 3/4"               | 160x325          | 0,020                       | 210              |
| R1008223S4000000 | 8             | 8                    | 3/4"               | 200x330          | 0,031                       | 144              |
| R1012223S4000000 | 12            | 8                    | 3/4"               | 270x310          | 0,024                       | 84               |
| R1018223S4000000 | 18            | 8                    | 3/4"               | 270x415          | 0,034                       | 56               |
| R1025223S4000000 | 25            | 8                    | 3/4"               | 320x580          | 0,080                       | 63               |
| R1040223S4000000 | 40            | 8                    | 3/4"               | 320x580          | 0,080                       | 36               |

Multifunctional expansion vessel EXTRAVAREM LC with fixed membrane and folded flange for heating systems, boilers, electric pumps, hot water preparation, water hammer protection.

Precharge pressure 3.5 bar.  
R1A06823S4000000: 4 pcs/box.  
R1016823S4000000: 10 pcs/box.

### MAXIVAREM LC -10 +99 °C

Use: heating systems, boilers, pumps, hot potable water, water hammer arresting



| Standard Code     | Capacity<br>L | Max. Pressure<br>bar | Connection<br>inch | Dimensions<br>mm | Packaging<br>m <sup>3</sup> | Qty/pallet<br>n. |
|-------------------|---------------|----------------------|--------------------|------------------|-----------------------------|------------------|
| UC035222S4000000* | 35            | 8                    | 3/4"               | 320x525          | 0,064                       | 42               |
| UC050362S4000000  | 50            | 10                   | 1"                 | 380x620          | 0,104                       | 25               |
| UC060362S4000000  | 60            | 10                   | 1"                 | 380x670          | 0,112                       | 20               |
| UC080362S4000000  | 80            | 10                   | 1"                 | 450x650          | 0,135                       | 16               |
| UC100362S4000000  | 100           | 10                   | 1"                 | 450x730          | 0,173                       | 12               |
| UC150462S4000000  | 150           | 10                   | 1" 1/2             | 554x810          | 0,265                       | 6                |
| UC200462S4000000  | 200           | 10                   | 1" 1/2             | 554x988          | 0,324                       | 6                |
| UC250462S4000000  | 250           | 10                   | 1" 1/2             | 624x1006         | 0,423                       | 6                |
| UC300462S4000000  | 300           | 10                   | 1" 1/2             | 624x1160         | 0,481                       | 6                |
| UC400462S4000000  | 400           | 10                   | 1" 1/2             | 624x1520         | 0,771                       | 6                |

Multifunctional expansion vessels with replaceable membrane and screwed flange for heating systems, boilers, electric pumps, hot water, water hammer protection.

Precharge pressure 2 bar.  
\* fixed membrane.



## 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.

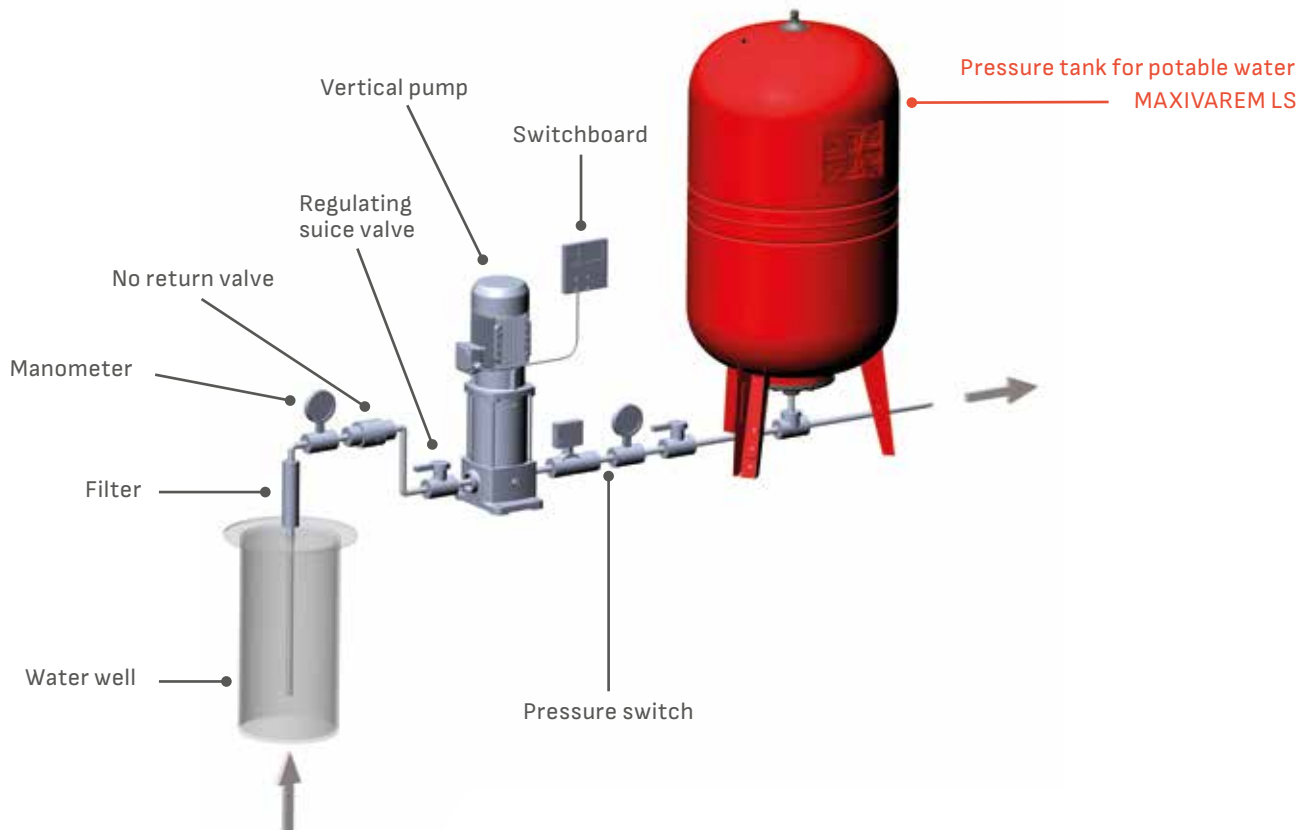
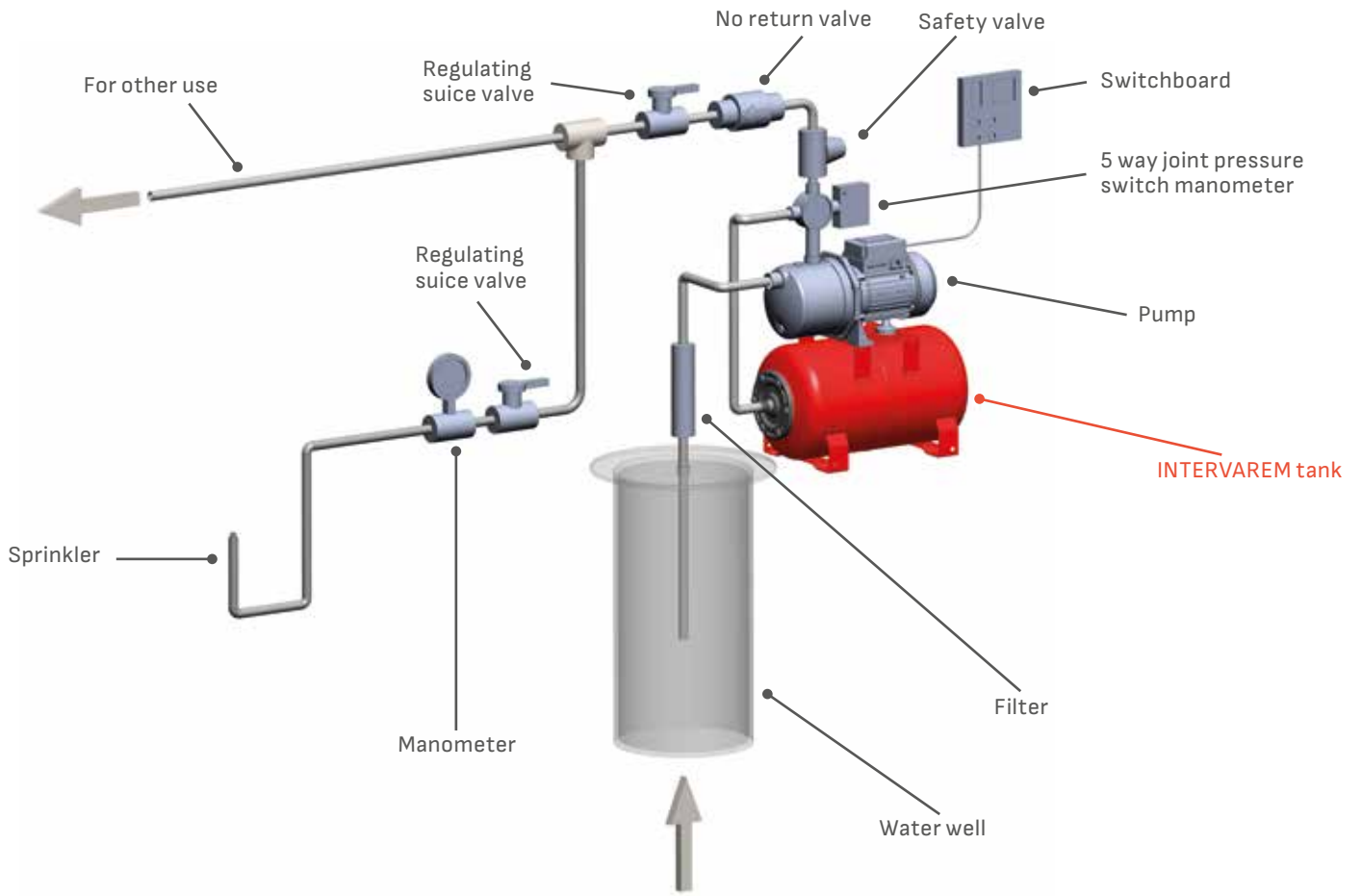
A pressure switch adjusts the internal pressure and activates the pump only if the water pressure in the tank is lower than the minimum required.

Switching on, the pump loads the storage tank again.





### SCHEME OF A BOOSTER SYSTEM WITH PRESSURE TANK



## WATER LINE

### INTERVAREM LS CE -10 +99 °C



VERTICAL

| 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         |
| S2024361CS000000 | 24       | 8             | 1"         | 351x358    | 0,045          | 54         |
| S2025361CS000000 | 25       | 8             | 1"         | 290x460    | 0,041          | 63         |
| S2040361CS000000 | 40       | 8             | 1"         | 320x595    | 0,066          | 36         |



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         |

Expansion vessels with replaceable membrane for domestic water.  
Galvanized steel flange.  
Precharge pressure 2 bar (1,5 bar for horizontal versions).  
Blue color available upon request.  
\*Not CE marked.

### INTERVAREM LS CE -10 +99 °C – INOX FLANGE



VERTICAL

| Standard Code    | Capacity | Max. Pressure | Connection | Dimensions | Packaging      | Qty/pallet |
|------------------|----------|---------------|------------|------------|----------------|------------|
|                  | L        | bar           | inch       | mm         | m <sup>3</sup> | n.         |
| S2008263S4000000 | 8        | 10            | 3/4"       | 200x348    | 0,015          | 144        |
| S2012263S4000000 | 12       | 10            | 3/4"       | 270x308    | 0,024          | 84         |
| S2019263S4000000 | 19       | 10            | 3/4"       | 270x415    | 0,021          | 63         |
| S2024263S4000000 | 24       | 10            | 3/4"       | 351x347    | 0,041          | 54         |
| S2024363S4000000 | 24       | 10            | 1"         | 351x347    | 0,041          | 54         |
| S2025263S4000000 | 25       | 10            | 3/4"       | 290x460    | 0,041          | 63         |
| S2040263S4000000 | 40       | 10            | 3/4"       | 320x595    | 0,066          | 36         |



HORIZONTAL

| Standard Code    | Capacity | Max. Pressure | Connection | Dimensions | Packaging      | Qty/pallet |
|------------------|----------|---------------|------------|------------|----------------|------------|
|                  | L        | bar           | inch       | mm         | m <sup>3</sup> | n.         |
| S2H20261S40BP000 | 20       | 10            | 3/4"       | 274x497    | 0,038          | 56         |

Expansion vessels with replaceable membrane for domestic water.  
AISI304 stainless steel flange.  
Precharge pressure 3,5 bar (1,5 bar for horizontal versions).



## PRESSURE EXPANSION TANKS

### MAXIVAREM LS CE -10 +99 °C



VERTICAL

| Standard Code      | Capacity | Max. Pressure | Connection | Dimensions | Packaging      | Qty/pallet |
|--------------------|----------|---------------|------------|------------|----------------|------------|
|                    | L        | bar           | inch       | mm         | m <sup>3</sup> | n.         |
| US040361CS000000   | 40       | 10            | 1"         | 320x750    | 0,085          | 18         |
| US050361CS000000   | 50       | 10            | 1"         | 379x759    | 0,126          | 15         |
| US060361CS000000   | 60       | 10            | 1"         | 379x825    | 0,131          | 15         |
| US080361CS000000   | 80       | 10            | 1"         | 450x789    | 0,170          | 12         |
| US100361CS0PA000*  | 100      | 10            | 1"         | 450x910    | 0,200          | 12         |
| US100361CS000000   | 100      | 10            | 1"         | 554x1040   | 0,340          | 12         |
| US150461CS000000   | 150      | 10            | 1" 1/2     | 554x1250   | 0,407          | 6          |
| US200461CS000000   | 200      | 10            | 1" 1/2     | 554x1250   | 0,407          | 6          |
| 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          |
| USN10H61CS099000   | 1000     | 8             | 2"         | 945x1912   | 1,900          | 1          |
| USN20H61CS000000** | 2000     | 9,5           | 2"         | 1280x2080  | 3,720          | 1          |
| USN20H61CS099000   | 2000     | 8             | 2"         | 1280x2080  | 3,720          | 1          |



HORIZONTAL

| Standard Code    | Capacity | Max. Pressure | Connection | Dimensions | Packaging      | Qty/pallet |
|------------------|----------|---------------|------------|------------|----------------|------------|
|                  | L        | bar           | inch       | mm         | m <sup>3</sup> | n.         |
| 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          | 16         |
| US101361CS000000 | 100      | 10            | 1"         | 485x756    | 0,200          | 12         |
| US151461CS000000 | 150      | 10            | 1" 1/2     | 602x825    | 0,372          | 6          |
| US201461CS000000 | 200      | 10            | 1" 1/2     | 602x1038   | 0,407          | 6          |
| US301461CS000000 | 300      | 10            | 1" 1/2     | 602x1038   | 0,407          | 6          |

Vertical pressure expansion vessels with replaceable membrane.

Galvanized or painted steel flange.

Precharge pressure 2 bar.

Blue color upon request.

\*without upper connection.

\*\* max temperature 50°C.

### MAXVAREM LS not CE (10 bar) -10 +99°C



| Standard Code    | Capacity | Max. Pressure | Connection | Dimensions | Packaging      | Qty/pallet |
|------------------|----------|---------------|------------|------------|----------------|------------|
|                  | L        | bar           | inch       | mm         | m <sup>3</sup> | n.         |
| S3750461CS000000 | 750      | 10            | 1" 1/2     | 790x1925   | 1,300          | 1          |
| S3N10H61CS000000 | 1000     | 10            | 2"         | 945x1913   | 1,900          | 1          |
| S3N15H61CS000000 | 1500     | 10            | 2"         | 1150x2080  | 3,020          | 1          |
| S3N20H61CS000000 | 2000     | 10            | 2"         | 1280x2080  | 3,720          | 1          |
| S3N30L61CS000000 | 3000     | 10            | 2" 1/2 F   | 1250x2710  | 4,500          | 1          |

## VERTICAL PRESSURE EXPANSION TANKS

### MAXIVAREM LS CE INOX FLANGE -10 +99°C



VERTICAL

| Standard Code      | Capacity | Max. Pressure | Connection | Dimensions | Packaging      | Qty/pallet |
|--------------------|----------|---------------|------------|------------|----------------|------------|
|                    | L        | bar           | inch       | mm         | m <sup>3</sup> | n.         |
| US050361S4000000   | 50       | 10            | 1"         | 379x759    | 0,126          | 15         |
| US060361S4000000   | 60       | 10            | 1"         | 379x825    | 0,131          | 15         |
| US080361S4000000   | 80       | 10            | 1"         | 450x789    | 0,170          | 12         |
| US100361S4000000   | 100      | 10            | 1"         | 450x910    | 0,200          | 12         |
| US150461S4000000   | 150      | 10            | 1"1/2      | 554x1040   | 0,340          | 6          |
| US200461S4000000   | 200      | 10            | 1"1/2      | 554x1250   | 0,407          | 6          |
| US300461S4000000   | 300      | 10            | 1"1/2      | 624x1370   | 0,596          | 6          |
| US500461S4000000   | 500      | 10            | 1"1/2      | 790x1460   | 0,900          | 1          |
| US750461S4000000   | 750      | 10            | 1"1/2      | 790x1925   | 1,300          | 1          |
| USN10H61S4000000** | 1000     | 9.5           | 2"         | 945x1912   | 1,900          | 1          |
| USN10H61S4099000   | 1000     | 8             | 2"         | 945x1912   | 1,900          | 1          |



HORIZONTAL

| Standard Code    | Capacity | Max. Pressure | Connection | Dimensions | Packaging      | Qty/pallet |
|------------------|----------|---------------|------------|------------|----------------|------------|
|                  | L        | bar           | inch       | mm         | m <sup>3</sup> | n.         |
| US041361S4000000 | 40       | 10            | 1"         | 352x595    | 0,066          | 36         |
| US051361S4000000 | 50       | 10            | 1"         | 410x610    | 0,126          | 25         |
| US061361S4000000 | 60       | 10            | 1"         | 410x670    | 0,131          | 20         |
| US081361S4000000 | 80       | 10            | 1"         | 479x637    | 0,170          | 16         |
| US101361S4000000 | 100      | 10            | 1"         | 485x756    | 0,200          | 12         |
| US201461S4000000 | 200      | 10            | 1"1/2      | 602x825    | 0,372          | 6          |
| US301461S4000000 | 300      | 10            | 1"1/2      | 654x1188   | 0,407          | 6          |

Vertical pressure expansion vessels with replaceable membrane.

AISI304 stainless steel flange.

Precharge pressure 2 bar.

Blue color upon request.

\*without upper connection.

\*\* max temperature 50°C.

### PLUSVAREM CE 16 bar HIGH PRESSURE TANK -10 +99°C



| Standard Code     | Capacity | Max. Pressure | Connection | Dimensions | Packaging      | Qty/pallet |
|-------------------|----------|---------------|------------|------------|----------------|------------|
|                   | L        | bar           | inch       | mm         | m <sup>3</sup> | n.         |
| S5008361CS0000000 | 8        | 16            | 1"         | 200x320    | 0,015          | 144        |
| S5020361CS0000000 | 20       | 16            | 1"         | 250x509    | 0,038          | 56         |
| S5050361CS0000000 | 50       | 16            | 1"         | 379x759    | 0,128          | 15         |
| S5080361CS0000000 | 80       | 16            | 1"         | 450x789    | 0,17           | 16         |
| S5100361CS0000000 | 100      | 16            | 1"         | 450x910    | 0,200          | 12         |
| S5200461CS0000000 | 200      | 16            | 1"1/2      | 554x1250   | 0,407          | 6          |
| S5300461CS0CE000  | 300      | 14            | 1"1/2      | 624x1370   | 0,596          | 6          |
| S5500461CS0CE000  | 495      | 12            | 1"1/2      | 790x1460   | 0,900          | 1          |

Vertical expansion vessels for high pressure systems.

Galvanized or painted steel flange.

Precharge 2 bar.

Available with stainless steel flange on request (without CE marking), 25 bar on request.