



 **VAREM**[®]
catalogue
2022



THE COMPANY

Varem's operations currently take place in the plants in Bovolenta, where it has its registered office, and in Limena (Padova).

In the two Bovolenta plants small tanks are produced and membranes are molded, and it is here that the logistics department is located, with a warehouse from which all products are shipped.

The plants in Limena contain the Management offices, the R&D laboratories, the tooling department and it is here that all other products are manufactured; the offices for the design and prototyping of new products and production lines are also located here.

THE ORIGINS OF SUCCESS

Varem's history is closely linked, as origins, territoriality and company culture, to the north-east of Italy. In the post-war period, the economy and industrial development of this geographical area of the country exploded exponentially, thanks to the hard work, creativity and courage to enter into business of the tireless Veneto people.

It was in this context that Luigino Benettolo founded Varem, helping to make Veneto one of the most highly industrialized areas in the world, promoting and raising the awareness of "Made in Italy" throughout the world as synonym of quality, reliability and cutting edge technology.

First as forerunner and then as leader in the field of expansion vessel and autoclave manufacture, Varem has always remained coherent with its origins, constantly strengthening its leadership position over time and simultaneously setting the standard for competitors and for the market.



index

5

HEATING LINE

10

HOT POTABLE WATER MULTIFUNCTION LINE

14

WATER LINE

22

HEAT EXCHANGERS

29

ACCESSORIES AND SPARE PARTS



NEW PRODUCTS

ELECTRONIC PUMP CONTROLLER WITH BUILT-IN 3 L PRESSURE TANK



AQUAVAREM PRESSURE TANKS WITH DIAPHRAGM MEMBRANE



STARVAREM DIAPHRAGM EXPANSION VESSELS FOR HEATING SYSTEMS

EXPANSION VESSELS FOR SOLAR SYSTEMS

- Membrane resistant to peaks of 130°
Pre charge pressure 2.5 bar

SOLARVAREM CE -10 +130 °C



Standard Code	Capacity	Max. pressure	Connection	Dimensions	Packaging	Qty/pallet
	L	bar	inch	mm	m ³	n.
R80052**S4000000	5*	**	3/4"	160x325	0.020	210
R80082**S4000000	8	**	3/4"	200x330	0.031	144
R80122**S4000000	12	**	3/4"	270x310	0.024	84
R80182**S4000000	18	**	3/4"	270x415	0.034	56
R80252**S4000000	25	**	3/4"	290x460	0.041	63
R80402**S4000000	40	**	3/4"	320x580	0.066	36

**Configurations:

- 41. stainless steel crimped flange, fixed membrane, red color, max pressure 8 bar
- 43. stainless steel crimped flange, fixed membrane, white color, max pressure 8 bar
- 81. stainless steel screwed flange, replaceable membrane, red color, max pressure 10 bar

SOLARVAREM CE -10 +130 °C



Standard Code	Capacity	Max. pressure	Connection	Dimensions	Packaging	Qty/pallet
	L	bar	inch	mm	m ³	n.
R8040281S400P000	40	10	3/4"	320x525	0.064	42
R8050281S4000000	50	10	3/4"	380x620	0.104	25
R8060281S4000000	60	10	3/4"	380x670	0.116	25
R8080281S4000000	80	10	3/4"	450x650	0.135	20
R8100381S4000000	100	10	1"	450x730	0.173	15
R8150481S4000000	150	10	1 1/2"	554x810	0.265	8
R8200481S4000000	200	10	1 1/2"	554x988	0.324	8
R8300481S4000000	300	10	1 1/2"	624x1160	0.481	6
R8500481S4000000	500	10	1 1/2"	790x1250	1.126	1

Stainless steel screwed flange, replaceable membrane, red color

SOLARVAREM CE for oil -10 +60°C



Standard Code	Capacity	Max. pressure	Connection	Dimensions	Packaging	Qty/pallet
	L	bar	inch	mm	m ³	n.
R8005241S4019000	5*	8	3/4"	160x325	0.020	210
R8008241S4019000	8*	8	3/4"	200x330	0.031	144
R8012241S4019000	12	8	3/4"	270x310	0.024	84
R8018241S4019000	18	8	3/4"	270x415	0.034	56
R8025241S4019000	25	8	3/4"	290x460	0.066	63

Fixed membrane, suitable for oil, max temperature 60°C, stainless steel flange, precharge pressure 2.5 bar, 2 L. available on demand
*CE mark not applicable for 5 and 8 l tanks

SOLAR PRE-TANK



Standard Code	Capacity	Max. pressure	Connection	Dimensions	Packaging	Qty/pallet
	L	bar	inch	mm	m ³	n.
RX 012	12	10	3/4"	270x320	0.032	84
RX 018	18	10	3/4"	270x450	0.042	56

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