



 **VAREM**[®]
catalogue
2020



THE COMPANY

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

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 firmly and 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 tumultuously and exponentially, thanks to the renunciation, hard work, creativity, spirit 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.



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CERTIFICATO
CERTIFICATE

L'Ente di Certificazione TÜV Italia Srl
Organismo Notificato 0948 Direttiva Attrezzature a Pressione
*The Certification Body of TÜV Italia Srl
Pressure Equipment Directive 0948 Notified Body*

certifica che
certifies that

VAREM S.P.A.
Sede legale e produttiva: Via Sabbioni 2, I-35024 Bovolenta (PD)
Altra sede operativa: Via del Santo 207, I-35010 Limena (PD)

ha realizzato, gestisce e mantiene un sistema qualità come descritto nella Pressure Equipment Directive (2014/68/EU) Allegato III Modulo D
has implemented, operates and maintains a quality system as described in the Pressure Equipment Directive (2014/68/EU) Annex III Module D

per il seguente campo di applicazione
for the scope of approval

**Manufacture of Membrane Expansion Tanks
According EU-Type Examination-production type
Mod.B (specified in the attachment)**

Il rapporto finale No. AR-TIS-PED-MI-17-10-278715-17591 comprova che il sistema qualità soddisfa i requisiti della Pressure Equipment Directive (2014/68/EU)
Evidence that the quality system satisfies the Pressure Equipment Directive (2014/68/EU) requirements is documented in Assessment Report No. AR-TIS-PED-MI-17-10-278715-17591

Il fabbricante è pertanto autorizzato ad apporre sull'attrezzatura a pressione, nell'ambito del suddetto campo di applicazione del sistema qualità, il seguente numero identificativo dell'Organismo Notificato (marchio CE come illustrato):
The manufacturer is, therefore, authorized to provide the pressure equipment manufactured within the scope of the assessed quality system with the below listed Notified Body identification number (following the product's CE marking as illustrated):

CE 0948

Certificato No. / Certificate No.: PED-0948-QSD-419-14 Rev.001

Data emissione / Issue date: 05/12/2017 TÜV ITALIA Srl
Data 1ª emissione / First issue date: 21/02/2012 Organismo Notificato No. 0948
Data scadenza / Expiry date: 03/12/2020 Notified Body, No. 0948

ACCREDIA
PUBBLICAZIONE

ISO 9001 ISO 14001 ISO 45001
UNI EN ISO 9001 UNI EN ISO 14001 UNI EN ISO 45001
UNI EN ISO 9001 UNI EN ISO 14001 UNI EN ISO 45001
UNI EN ISO 9001 UNI EN ISO 14001 UNI EN ISO 45001

Ente notificato al MISE (Decreto 10/01/2010)
SA, IAF e IAC
Sviluppo, gestione, manutenzione e rinnovo
Prestazioni garantite

Paolo Marcone
Paolo Marcone
Industry Service - Real Estate &
Infrastructure
Managing Director

permanendo la validità di almeno un certificato Esame UE del tipo - tipo di produzione Modulo secondo direttiva 2014/68/UE e/o certificato modulo B secondo direttiva 97/23/CE applicabili.
 Maintaining the validity of at least one CE type examination - production type Module B according to 2014/68/UE and/or module B certificate according to directive 97/23/CE as applicable

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PFE-02-M037_05_04 28/01/2016



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





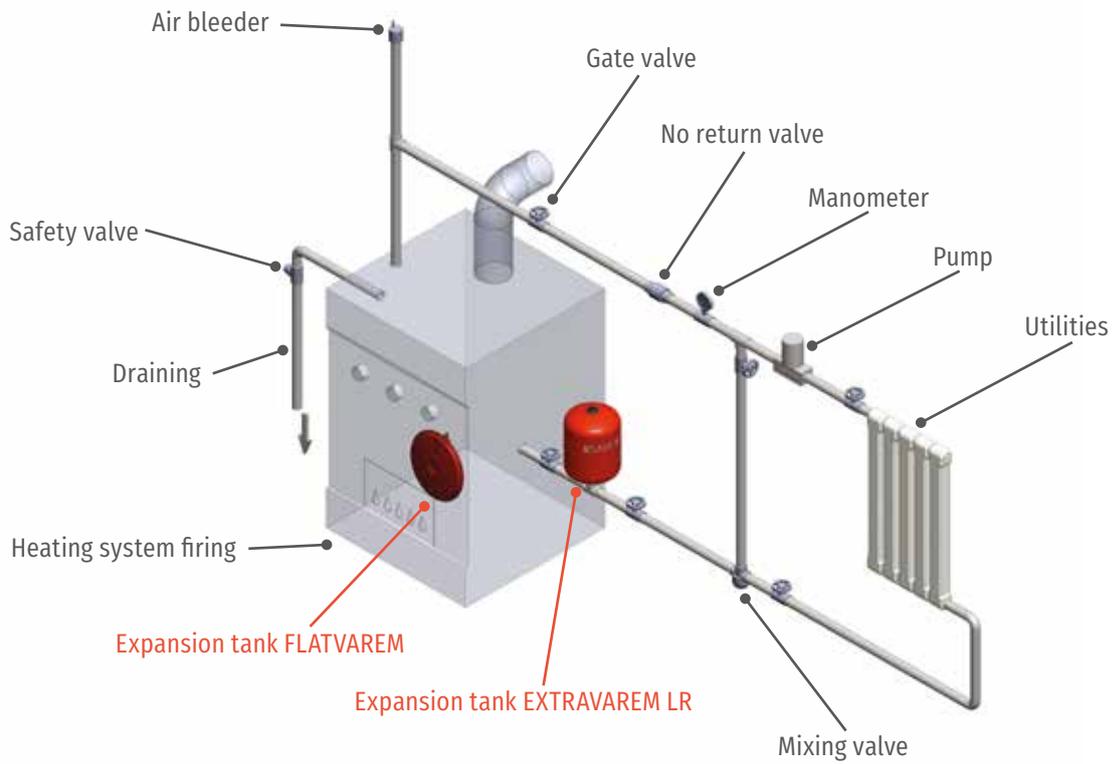
HEATING LINE

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.

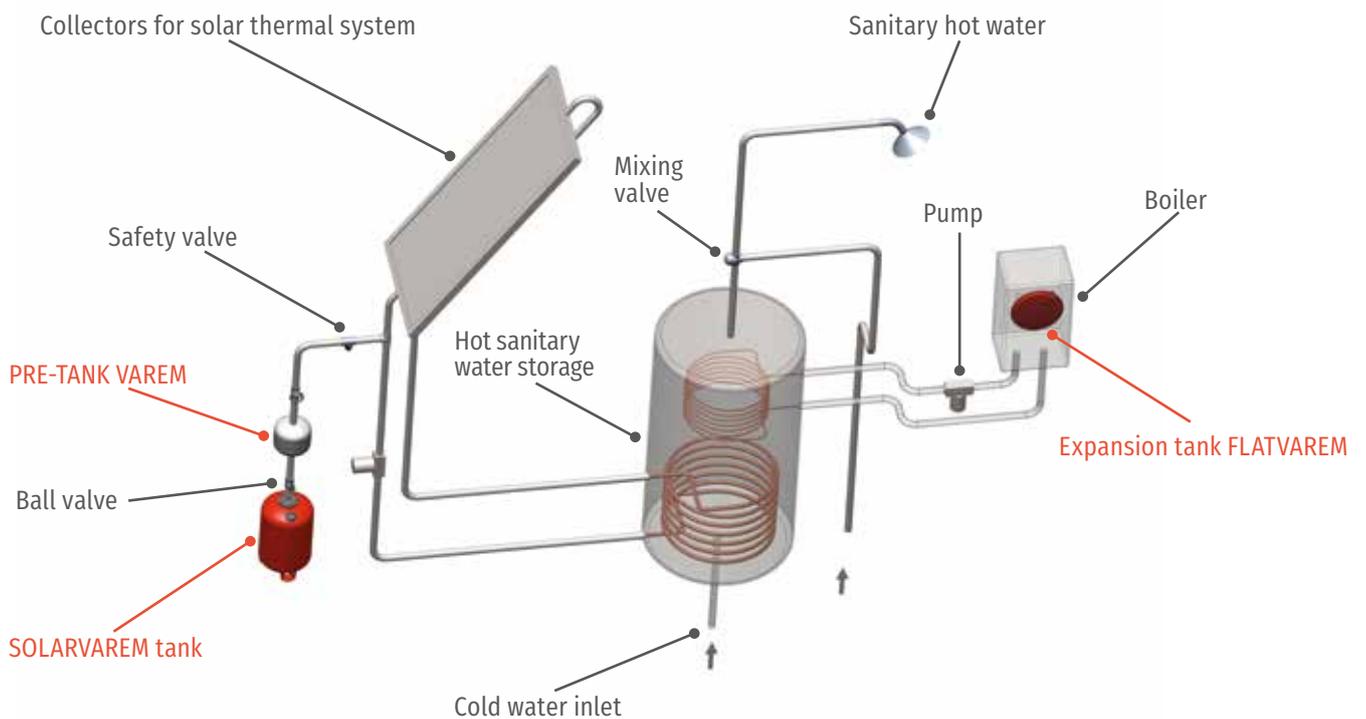
The working of the expansion vessels is more important during system start-up, when water temperature rises very quickly.



SCHEME OF A HEATING SYSTEM



SCHEME OF A SOLAR SYSTEM



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 ³	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

Fixed membrane, crimped flange

STARVAREM 70/120 °C



Standard Code	Capacity	Max. pressure	Connection	Dimensions	Packaging	Qty/pallet
	L	bar	inch	mm	m ³	n.
UR0352E1CS000000	35	6	3/4"	320X500	0.051	42
UR0502E1CS000000	50	6	3/4"	380X555	0.079	25
UR0803E1CS000000	80	6	1"	450X635	0.129	20
UR1003E1CS000000	100	6	1"	450X715	0.145	15
UR1503E1CS000000	150	6	1"	450X950	0.192	8

Diaphragm membrane
Side connection for 35-50 lt

MAXIVAREM LR CE -10 +99 °C



Standard Code	Capacity	Max. pressure	Connection	Dimensions	Packaging	Qty/pallet
	L	bar	inch	mm	m ³	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

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.
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	8	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

FLAT AND OVAL EXPANSION VESSELS FOR BOILERS

- Diaphragm fix membrane
- Pre charge pressure 1 bar
- Red color

FLATVAREM -10 +99 °C



Standard Code	Capacity	Max. pressure	Connection	Dimensions	Packaging	Qty/box
	L	bar	inch	mm	m ³	n.
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
C1005931B00000000	5	3	3/8"	385x76	0.078	6
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	3/4"	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

FLATVAREM -10 +99 °C



Standard Code	Capacity	Max. pressure	Connection	Dimensions	Packaging	Qty/box
	L	bar	inch	mm	m ³	n.
C600793100000000	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

Connection 1/4", 3/8", 1/2", 3/4" radial or axial 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/box
	L	bar	inch	mm	m ³	n.
C7007231CSG000000	7.5	4	3/4"	110x493x192	0.08	144
C7010231CS0000000	10	4	3/4"	110x633x192	0.08	56



HOT POTABLE WATER MULTIFUNCTION LINE

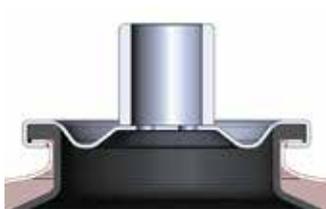
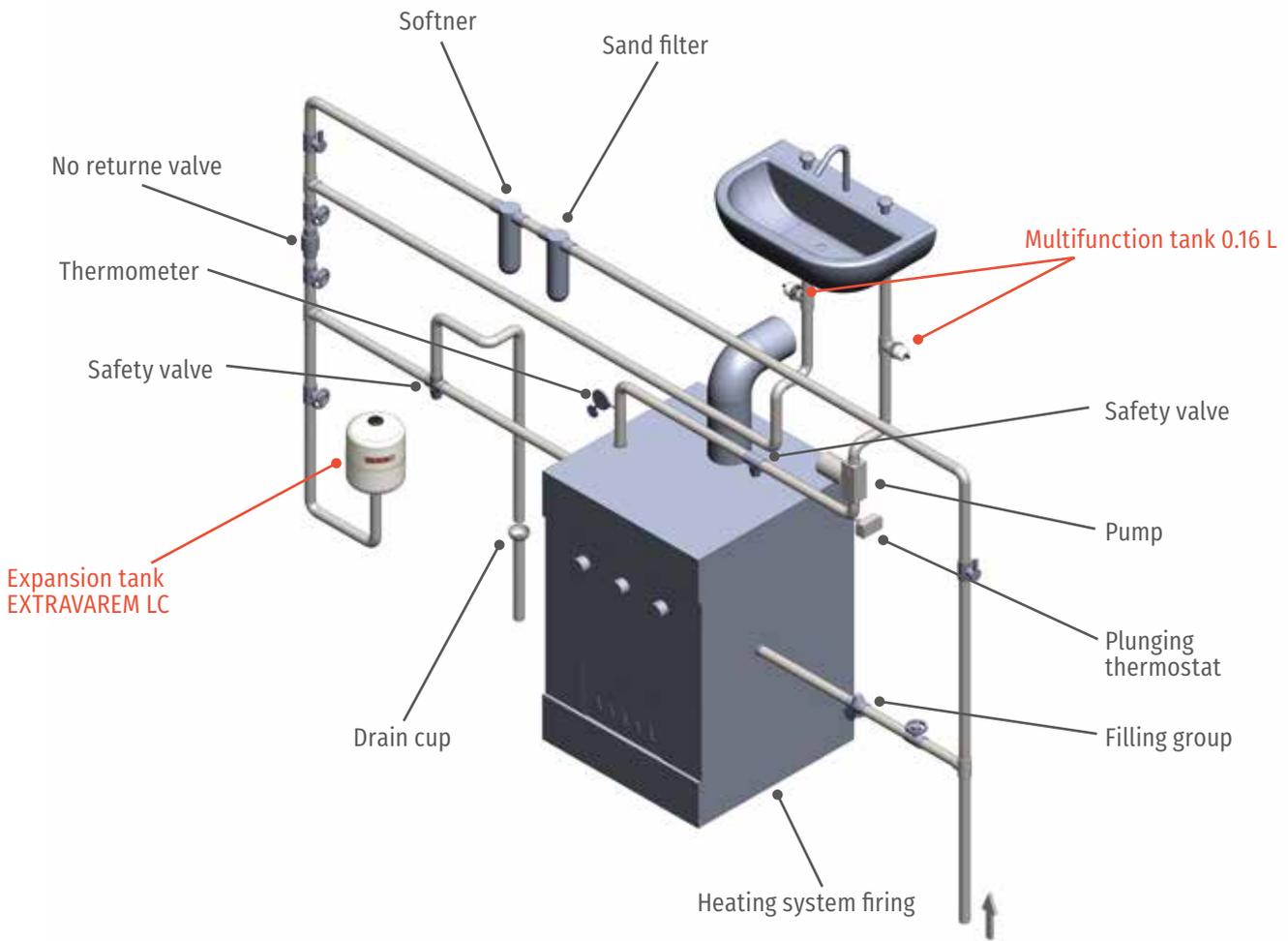
The expansion vessels of the Varem LC Multifunction line are used in the domestic hot water systems or as water hammer arrester.

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

- Stainless steel steel flange
- White color (blue over 60 L)
- CE Mark (not applicable up to 5 L)

EXTRAVAREM LC -10 +99 °C

Use: hot and cold potable water



Standard Code	Capacity	Max. pressure	Connection	Dimensions	Packaging	Qty/pallet
	L	bar	inch	mm	m ³	n.
C7002823S4000000	2	8	1/2"	82x120x325	0.008	210
C7003823S4000000	3	8	1/2"	82x120x475	0.010	144
C7004823GS4000000	4	8	1/2"	82x120x652	0.010	84
C4025823S4000000	2.5	10	1/2"	125x291	0.008	-
C4003823S4000000	3	10	1/2"	125x348	0.010	-
C4004823S4000000	4	10	1/2"	125x427	0.010	-

Fixed membrane, crimped flange
Pre-charge pressure 3.5 bar

EXTRAVAREM LC CE

-10 +99 °C

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



Standard Code	Capacity	Max. pressure	Connection	Dimensions	Packaging	Qty/pallet
	L	bar	inch	mm	m ³	n.
R1016823S4000000	0.16	15	1/2"	65x105	0.035	1480
R1002823S4000000	2	10	1/2"	125x237	0.050	576
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
S2024263S4000000	24*	8	3/4"	351x347	0.041	54
R1025223S4000000	25	8	3/4"	290x460	0.044	63
R1040223S4000000	40	8	3/4"	320x580	0.080	36

Fixed membrane, crimped flange
Pre charge pressure 3.5 bar
R1016823S4000000: 10 pieces in one cartonbox
R1002823S4000000: 6 pieces in one cartonbox
*S2024263S4000000: bolted flange
Replaceable membrane



MAXIVAREM LC CE

-10 +99 °C

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



Standard Code	Capacity	Max. pressure	Connection	Dimensions	Packaging	Qty/pallet
	L	bar	inch	mm	m ³	n.
UC050362S4000000	50	10	1"	380x620	0.104	25
UC060362S4000000	60	10	1"	380x670	0.112	20
UC080362S4000000	80	10	1"	450x650	0.135	20
UC100362S4000000	100	10	1"	450x730	0.173	15
UC150462S4000000	150	10	1"1/2	554x810	0.265	8
UC200462S4000000	200	10	1"1/2	554x988	0.324	8
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

Replaceable membrane, screwed flange
Pre charge pressure 2 bar

MULTIFUNCTION EXPANSION VESSELS FOR HOT POTABLE WATER - DVGW

Membrane pressure tanks for potable water with DVGW circulating valve



EXTRAVAREM LC -10 +85 °C



Standard Code	Capacity	Max. pressure	Connection	Dimensions	Packaging	Qty/pallet
	L	bar	inch	mm	m ³	n.
R100822OS4DVGW00	8	10	3/4"	200x337	0.031	144
R101222OS4DVGW00	12	10	3/4"	270x310	0.024	84
R101222OS4DVGW00	18	10	3/4"	270x415	0.034	56
R102522OS4DVGW00	25	10	3/4"	290x460	0.044	63

Stainless steel flange, fixed butyl membrane, blue colour RAL5010, precharge pressure 3.5 bar
Certificate no. NW-0411CQ0098

INTERVAREM LS -10 +85 °C



Standard Code	Capacity	Max. pressure	Connection	Dimensions	Packaging	Qty/pallet
	L	bar	inch	mm	m ³	n.
S200826OS4DVGW00	8	10	3/4"	200x348	0.015	144
S201226OS4DVGW00	12	10	3/4"	270x308	0.024	84
S201226OS4DVGW00	18	10	3/4"	270x415	0.031	63
S202526OS4DVGW00	25	10	3/4"	290x472	0.041	63

Stainless steel flange, replaceable butyl membrane, blue colour RAL5010, precharge pressure 3.5 bar
Certificate no. NW-0411CQ0099



DVGW approved circulating valve

DVGW CERTIFICATES





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.



ELECTRONIC PUMP CONTROLLER WITH BUILT-IN 3 L PRESSURE TANK

TECHNICAL FEATURES

- Butyl membrane
- T. max 50 °C
- P. max 10 bar
- IP65
- 1" male connection



PROTECTION AGAINST

- Dry running
- water hammer
- overpressure
- frequent pump start-up

3 RESTART PRESSURES

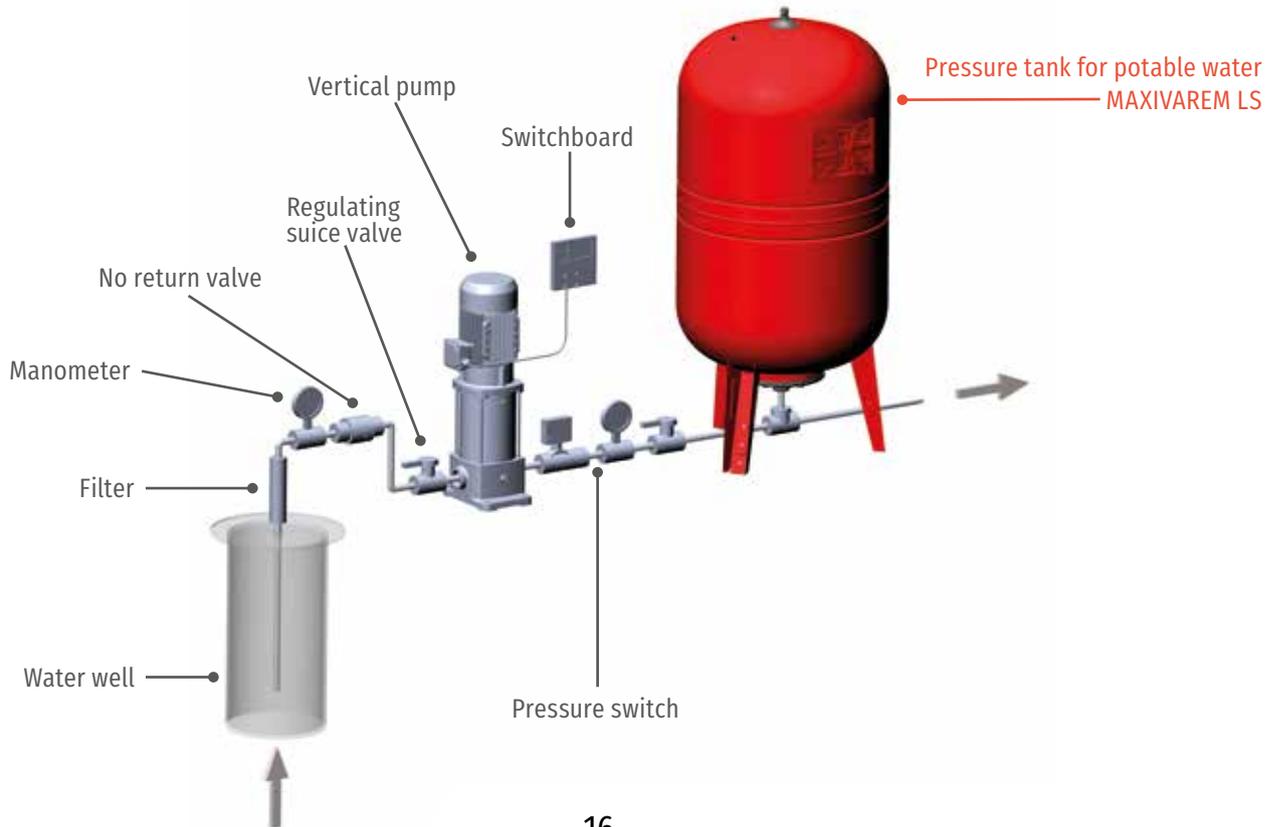
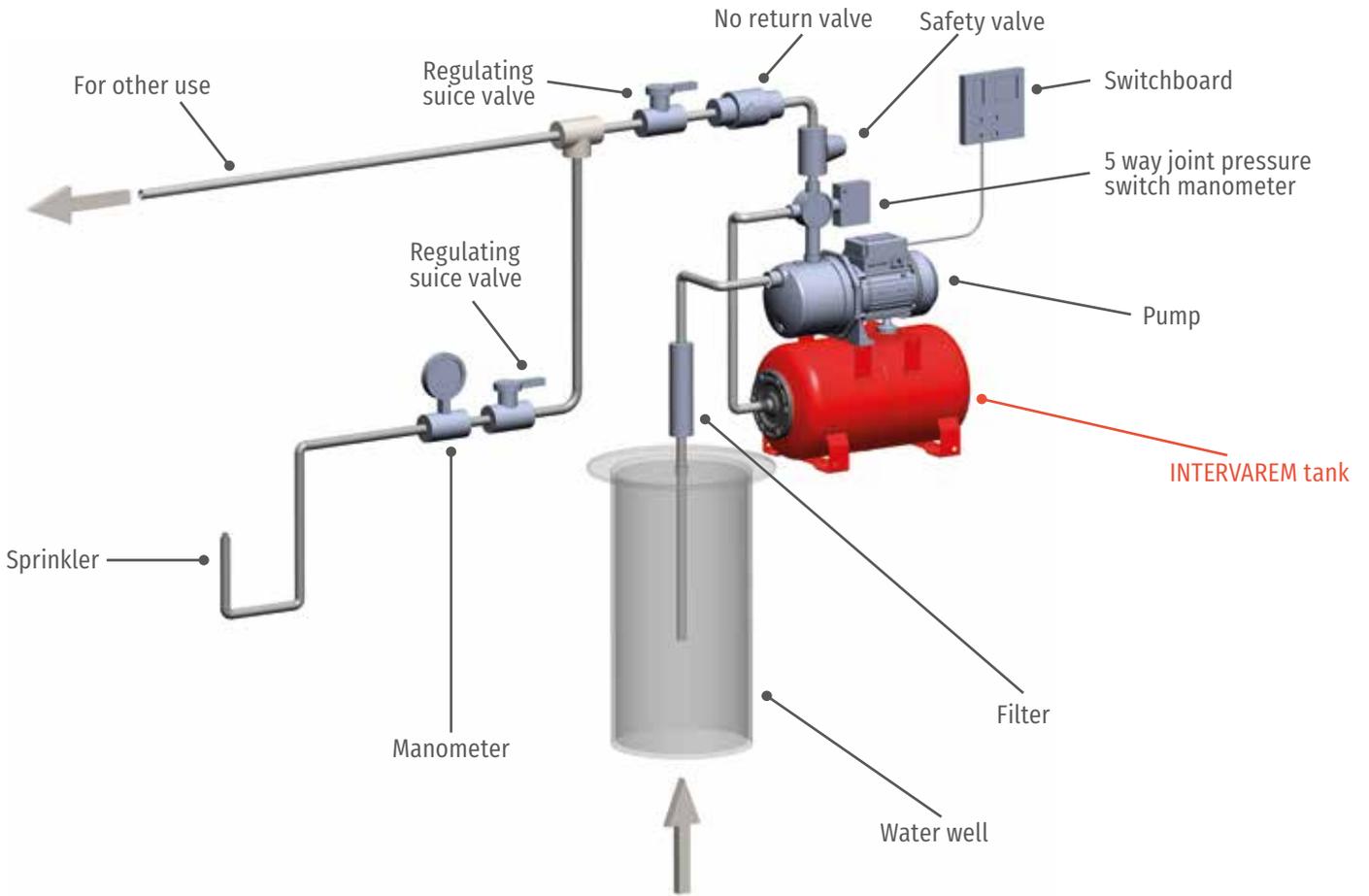


Preload	1.5 bar (factory setup)	2 bar	2.5 bar
P minimum 1	1.4	1.8	2.3
P minimum 2	2	2.5	3
P minimum 3	2.6	3.2	4
P max	4.3	5	6
TYPICAL APPLICATIONS	Jet centrifugal and peripheral pumps	Submersible pumps up to 5 bar	Submersible pumps up to 6 bar

Standard Code	Model
EV003363PL220B00	Basic 12A (single restart pressure)
EV003363PL220000	STANDARD 12A
EV003363PL220C01	STANDARD 12A with cables (not cabled)
EV003363PL22M000	PLUS 12A with gauge
EV003363PL22MC01	PLUS 12A with gauge and cables (not cabled)
EV003363PL26M000	TOP 16A with gauge
EV003363PL26MC01	TOP 16A with gauge and cables (not cabled)



SCHEME OF A BOOSTER SYSTEM WITH PRESSURE TANK



AQUAVAREM

PRESSURE TANKS WITH DIAPHRAGM MEMBRANE

- Maintenance free
- Butyl diaphragm
- Synthetic internal soft liner
- High resistance painting
- Stainless steel connection
- Precharge pressure 2 bar



Aquavarem line from 8 to 280 liters. The Aquavarem tanks have a diaphragm membrane for potable water and an internal protection so that they can be used as pressure tanks for water booster systems and hot potable water.



5 WARRANTY
YEAR

AQUAVAREM -10 +99 °C

Standard Code	Capacity L	Max. pressure bar	Connection inch	Dimensions mm		Packaging m ³	Qtà/pallet n.
VERTICAL							
UD0083FUS4000000	8	8	1"	200	300	0.016	144
UD0192FUS4000000	19	10	3/4"	250	450	0.024	70
UD0193FUS4000000	19	10	1"	250	450	0.024	70
UD0193FUS416B000	19	16	1"	250	450	0.024	70
UD0242FUS4000000	24	10	3/4"	290	460	0.040	63
UD0243FUS4000000	24	10	1"	290	460	0.040	63
UD0402FUS4000000	40	10	3/4"	380	360	0.062	36
UD0403FUS4000000	40	10	1"	380	460	0.066	36
UD0603FUS4000000	60	10	1"	380	780	0.131	15
UD1003FUS4000000	100	10	1"	450	840	0.200	15
UD1403FUS4000000	140	10	1"	450	1070	0.340	8
UD2003FUS4000000	200	10	1"	554	1150	0.407	8
UD2803FUS4000000	280	10	1"	624	1250	0.596	6
HORIZONTAL							
UD0203FUS40BP000	20	10	1"	280	490	0.038	56
UD0613FUS4000000	60	10	1"	430	670	0.131	20
UD1013FUS4000000	100	10	1"	485	760	0.200	15



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 ³	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 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 ³	n.
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	10	2"	945x1912	1.900	1
S3N15H61CS000000**	1500	10	2"	1150X2080	3.020	1
USN20H61CS000000*	2000	10	2"	1280x2080	3.720	1
S3N30H61CS000000**	3000	10	2"1/2 F	1250x2710	4.500	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 ³	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 ³	n.
CE marked						
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
not CE marked						
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

WATER LINE S/STEEL - GALVANIZED

- Stainless steel tanks AISI304 with replaceable membrane
- Galvanized tanks with replaceable membrane
- Pre-charge pressure 2 bar

INOXVAREM LS CE -10 +99 °C



Standard Code	Capacity L	Max. pressure bar	Connection inch	Dimensions mm	Packaging m ³	Qty/pallet n.
STAINLESS STEEL VERTICAL						
V2001860S4000000	1	8	1/2"	114x188	0.003	
V2002860S4000000	2	8	1/2"	135x225	0.005	
V2008260S4000000	8	8	3/4"	200x340	0.023	
V2020360S4000000	20	8	1"	260x492	0.040	56
V2050360S4000000	50	8	1"	365x863	0.131	15
V2100360S4000000	100	8	1"	480x925	0.240	15
V2200460S4000000	200	8	1"1/2	540x1280	0.400	8
V2300460S4000000	300	8	1"1/2	635x1385	0.600	6
V2500460S4000000	500	8	1"1/2	780x1450	0.900	1

INOXVAREM LS CE -10 +99 °C



Standard Code	Capacity L	Max. pressure bar	Connection inch	Dimensions mm	Packaging m ³	Qty/pallet n.
STAINLESS STEEL HORIZONTAL						
V2H20360S40BP000	20	8	1"	274x497	0.040	56
V2051360S4000000	50	8	1"	365x655	0.104	25
V2101360S4000000	100	8	1"	480x745	0.200	15
V2201460S4000000	200	8	1"1/2	540x1095	0.400	8

ZINCVAREM LS CE -10 +99 °C



Standard Code	Capacity L	Max. pressure bar	Connection inch	Dimensions mm	Packaging m ³	Qty/pallet n.
GALVANIZED VERTICAL						
SZ060361CS000000	60	10	1"	379x825	0.131	15
SZ100361CS000000	100	10	1"	450x910	0.200	15
SZ200461CS000000	200	10	1"1/2	554x1250	0.407	8
SZ300461CS000000	300	10	1"1/2	624x1370	0.596	6
SZ500461CS000000	500	10	1"1/2	790x1460	0.900	1

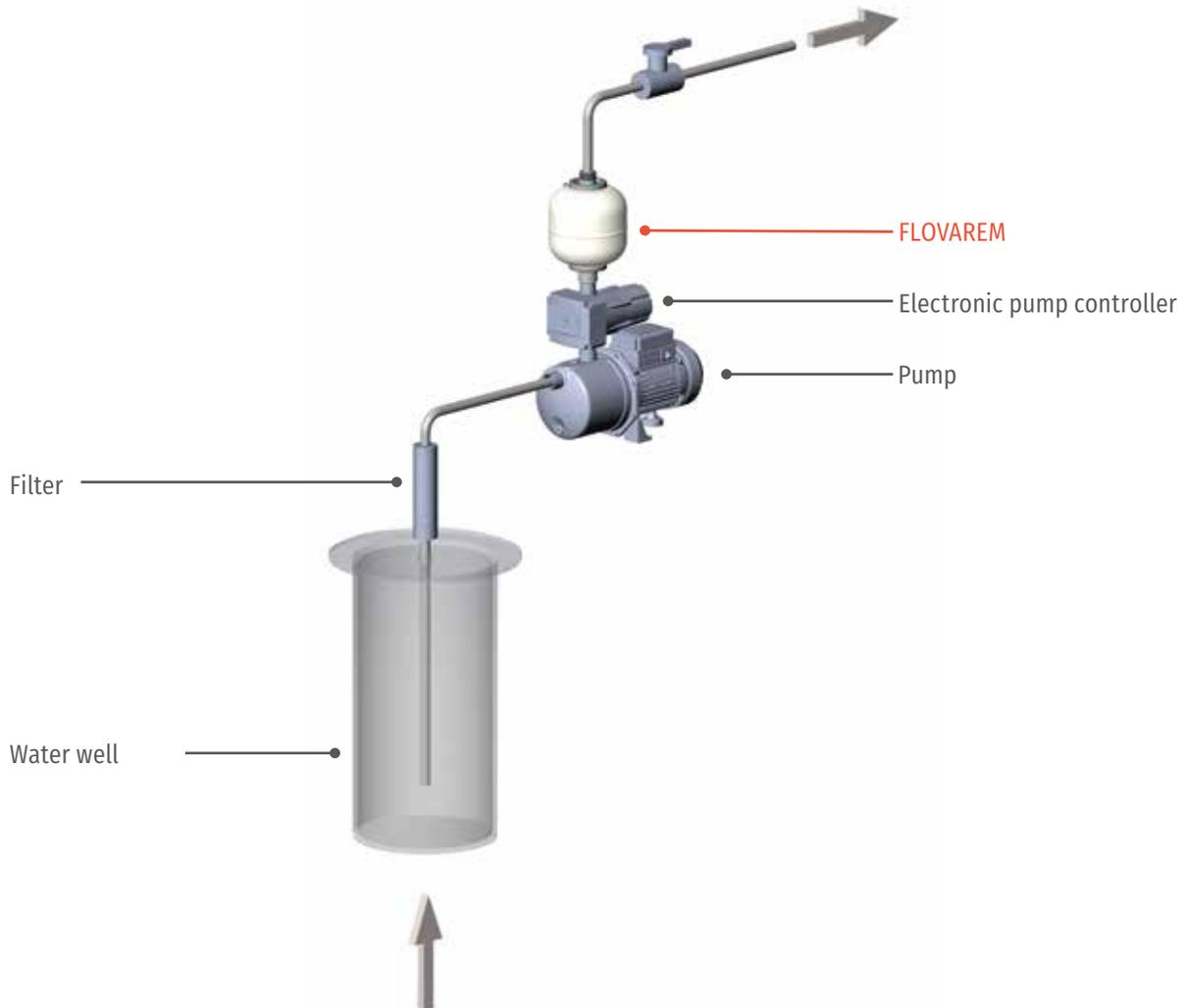
FLOVAREM

- Flow through tank
- Perforated through pipe
- Double hole membrane
- Male/female double inlet
- Max pressure 10 bar
- Precharge pressure 1.5 bar

FLOVAREM -10 +99 °C



Standard Code	Capacity	Max. pressure	Connection	Dimensions	Packaging	Qty/pallet
	L	bar	inch	mm	m ³	n.
FOR ELECTRONIC PUMP CONTROLLER						
FV003323CS000000	3	10	1”M - 1”F	170x265	0.008	-
FV008323CS000000	8	10	1”M - 1”F	230x385	1.008	-



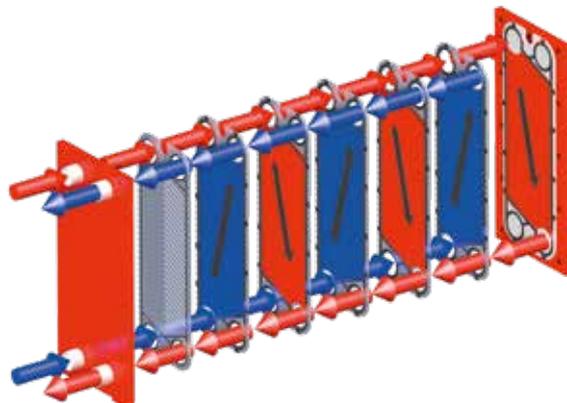
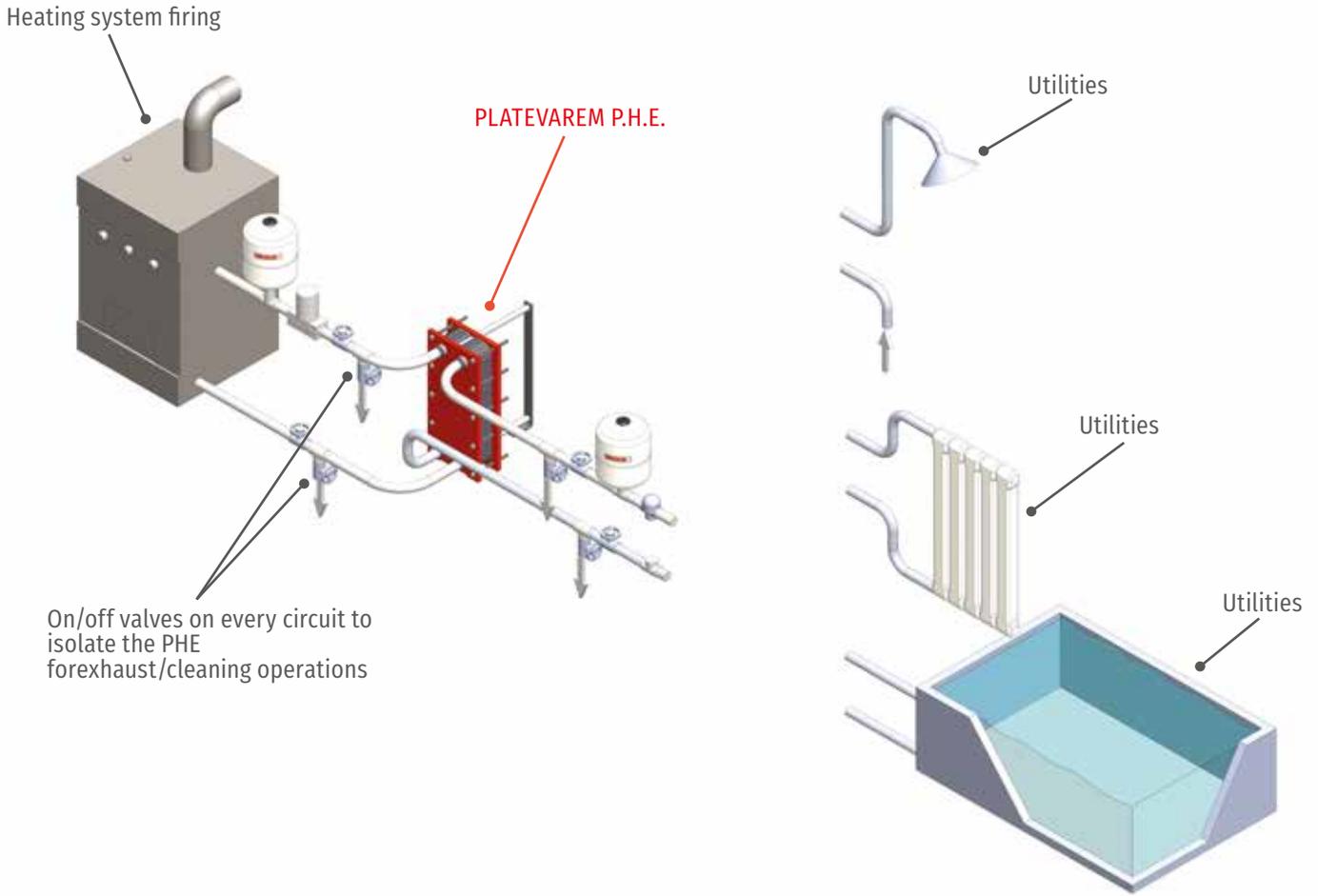


HEAT EXCHANGERS

The Platevarem plate heat exchangers offer high efficiency levels on thermal exchange between fluids.

Platevarem exchangers are formed by corrugated plates branched by gaskets and fastened by two frames.

SCHEME OF A SYSTEM WITH PLATE HEAT EXCHANGER



PLATEVAREM SMALL T1		
Part	10 bar	
 <p>AISI 316 Stainless steel plates Stainless steel socket Plates min. 7 – max. 35</p>	Number of plates	Standard Code
	7	T10070A111000000
	9	T10090A111000000
	11	T10110A111000000
	13	T10130A111000000
	15	T10150A111000000
	17	T10170A111000000

	25	T10250A111000000
	27	T10270A111000000
	29	T10290A111000000
	31	T10310A111000000
	33	T10330A111000000
	35	T10350A111000000
	Frame	T10000A100000000
Plate with gasket	T1001XX100000000	
Gasket	G1000XX100000000	

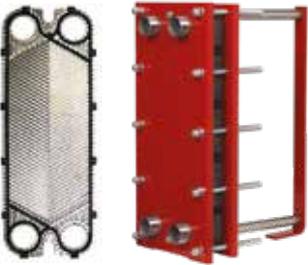
WÄRMETAUSCHER MODELL MEDIUM T2			
Part	10 bar	16 bar	
 <p>AISI 316 Stainless steel plates Stainless steel socket Plates min. 9 – max. 65</p>	Number of plates	Standard Code	Standard Code
	9	T20093A111000000	T20093B111000000
	11	T20113A111000000	T20113B111000000
	13	T20133A111000000	T20133B111000000
	15	T20153A111000000	T20153B111000000
	17	T20173A111000000	T20173B111000000
	19	T20193A111000000	T20193B111000000
	21	T20213A111000000	T20213B111000000
	23	T20233A111000000	T20233B111000000
	25	T20253A111000000	T20253B111000000
	27	T20273A111000000	T20273B111000000
	29	T20293A111000000	T20293B111000000

	49	T20493A111000000	T20493B111000000
	51	T20513A111000000	T20513B111000000
	53	T20533A111000000	T20533B111000000
	55	T20553A111000000	T20553B111000000
	57	T20573A111000000	T20573B111000000
	59	T20593A111000000	T20593B111000000
61	T20613A111000000	T20613B111000000	
63	T20633A111000000	T20633B111000000	
65	T20653A111000000	T20653B111000000	
Frame	T20003A100000000	T20003B100000000	
Plate with gasket	T2001XX100000000	T2001XX100000000	
Gasket	G2000XX100000000	G2000XX100000000	



PLATEVAREM SLIM TS			
Part	Number of plates	10 bar	16 bar
		Standard Code	Standard Code
 <p>AISI 316 Stainless steel plates Stainless steel socket Plates min. 9 – max. 65</p>	9	TS0093A111000000	TS0093B111000000
	11	TS0113A111000000	TS0113B111000000
	13	TS0133A111000000	TS0133B111000000
	15	TS0153A111000000	TS0153B111000000
	17	TS0173A111000000	TS0173B111000000
	19	TS0193A111000000	TS0193B111000000
	21	TS0213A111000000	TS0213B111000000
	23	TS0233A111000000	TS0233B111000000

	53	TS0533A111000000	TS0533B111000000
	55	TS0553A111000000	TS0553B111000000
	57	TS0573A111000000	TS0573B111000000
	59	TS0593A111000000	TS0593B111000000
61	TS0613A111000000	TS0613B111000000	
63	TS0633A111000000	TS0633B111000000	
65	TS0653A111000000	TS0653B111000000	
Frame		TS0003A100000000	TS0003B100000000
Plate with gasket		TS001XX100000000	TS001XX100000000
Gasket		GS000XX100000000	GS000XX100000000

PLATEVAREM LARGE T3			
Part	Number of plates	10 bar	16 bar
		Standard Code	Standard Code
 <p>AISI 316 Stainless steel plates Stainless steel socket Plates min. 9 – max. 101</p>	9	T3009HA111000000	T3009HB111000000
	11	T3011HA111000000	T3011HB111000000
	13	T3013HA111000000	T3013HB111000000
	15	T3015HA111000000	T3015HB111000000
	17	T3017HA111000000	T3017HB111000000
	19	T3019HA111000000	T3019HB111000000
	21	T3021HA111000000	T3021HB111000000
	23	T3023HA111000000	T3023HB111000000

	89	T3089HA111000000	T3089HB111000000
	91	T3091HA111000000	T3091HB111000000
	93	T3093HA111000000	T3093HB111000000
	95	T3095HA111000000	T3095HB111000000
97	T3097HA111000000	T3097HB111000000	
99	T3099HA111000000	T3099HB111000000	
101	T3101HA111000000	T3101HB111000000	
Frame		T3000HA100000000	T3000HB100000000
Plate with gasket		T3001XX100000000	T3001XX100000000
Gasket		G3000XX100000000	G3000XX100000000

PLATEVAREM EXTRALARGE T4

Part		16 bar
Number of plates		Standard Code
	25	T4025LB111000000
	27	T4027LB111000000
	29	T4029LB111000000
	31	T4031LB111000000
	33	T4033LB111000000
	35	T4035LB111000000
	37	T4037LB111000000
	39	T4039LB111000000
	41	T4041LB111000000
	43	T4043LB111000000
	45	T4045LB111000000
	47	T4047LB111000000
	49	T4049LB111000000
	51	T4051LB111000000
	53	T4053LB111000000

	115	T4115LB111000000
	117	T4117LB111000000
	119	T4119LB111000000
	121	T4121LB111000000
	123	T4123LB111000000
	125	T4125LB111000000
	127	T4127LB111000000
	129	T4129LB111000000
	131	T4131LB111000000
	133	T4133LB111000000
	135	T4135LB111000000
	137	T4137LB111000000
	139	T4139LB111000000
	141	T4141LB111000000
	143	T4143LB111000000
	145	T4145LB111000000
	Frame	T4000LB100000000
	Plate with gasket	T4001XX100000000
	Gasket	G4000XX100000000



AISI 316 Stainless steel plates
Stainless steel socket
Plates min. 15 – max. 145



PLATES WITH GASKET		
Model	Standard Code	DESCRIPTION OF THE PLATE
T1 - SMALL	T1 MAI XX100000000	AISI 316 EPDM gasket First Plate SMALL (A)
	T1 MBI XX100000000	AISI 316 EPDM gasket Left Plate SMALL (B)
	T1 MCI XX100000000	AISI 316 EPDM gasket Right Plate SMALL (C)
	T1 MDI XX100000000	AISI 316 EPDM gasket End Plate SMALL (D)
T2 - MEDIUM	T2 MAI XX100000000	AISI 316 EPDM gasket First Plate MEDIUM (A)
	T2 MBI XX100000000	AISI 316 EPDM gasket Left Plate MEDIUM (B)
	T2 MCI XX100000000	AISI 316 EPDM gasket Right Plate MEDIUM (C)
	T2 MDI XX100000000	AISI 316 EPDM gasket End Plate MEDIUM (D)
TS - SLIM	TS MAI XX100000000	AISI 316 EPDM gasket First Plate SLIM (A)
	TS MBI XX100000000	AISI 316 EPDM gasket Left Plate SLIM (B)
	TS MCI XX100000000	AISI 316 EPDM gasket Right Plate SLIM (C)
	TS MDI XX100000000	AISI 316 EPDM gasket End Plate SLIM (D)
T3 - LARGE	T3 MAI XX100000000	AISI 316 EPDM gasket First Plate LARGE (A)
	T3 MBI XX100000000	AISI 316 EPDM gasket Left Plate LARGE (B)
	T3 MCI XX100000000	AISI 316 EPDM gasket Right Plate LARGE (C)
	T3 MDI XX100000000	AISI 316 EPDM gasket End Plate LARGE (D)
T4 - EXTRALARGE	T4 MAI XX100000000	AISI 316 EPDM gasket First Plate EXTRALARGE (A)
	T4 MBI XX100000000	AISI 316 EPDM gasket Left Plate EXTRALARGE (B)
	T4 MCI XX100000000	AISI 316 EPDM gasket Right Plate EXTRALARGE (C)
	T4 MDI XX100000000	AISI 316 EPDM gasket End Plate EXTRALARGE (D)

TECHNICAL FEATURES										
OBJECT / MODEL	u.m.	SMALL	MEDIUM		SLIM		LARGE		EXTRA LARGE	
		10 bar	10 bar	16 bar	10 bar	16 bar	10 bar	16 bar	16 bar	
DIMENSIONS										
	L	mm	80 - 115	180	180	180	180	350	350	490
	H	mm	208	475	475	767	767	750	750	1040
	S	mm	10	15	20	15	20	25	30	30
	C	mm	50	65	65	65	65	145	145	230
	D	mm	178	370	370	655	655	605	605	730
	A (x plate nr)	mm	2.5	3.1	3.1	3.1	3.1	3.5	3.5	2.9
PLATES										
	Surface	cm ²	110	340	340	630	630	1300	1300	2200
	Thickness	mm	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
TIE RODS										
	Diameter	mm	10	14	14	14	14	16	16	20
	Maximum lenght	mm	170	500	500	500	500	1000	1000	1000
CARRYING BARS										
	Diameter	mm	13	16	16	16	16	32	32	35
	Maximum lenght	mm	170	500	500	500	500	500	500	1000
SOCKETS										
	Diameter	M/F	½ F	1' ¼ M	1' ¼ M	1' ¼ M	1' ¼ M	2 M	2 M	4 M
	Lenght	mm	0	40	40	40	40	40	40	90
WEIGHT										
	AISI 316 Plate	g	85	260	260	415	415	745	745	1300
	Frame	Kg	3.5	22	27	32	42	103	124	250
	TEST PRESSURE	bar	15	15	24	15	24	15	24	24
MAXIMUM WORKING TEMPERATURE										
	With EPDM gasket	°C	150	150	150	150	150	150	150	150

MATERIALS: Plates: stainless steel AISI 316; gaskets: EPDM (NBR upon request); frame: steel coated with epoxy polyester; tie rod: galvanized carbon steel; sockets: SMALL galvanized carbon steel, MEDIUM, SLIM, LARGE, EXTRALARGE stainless steel AISI 304

• Application			
• Boiler power			Kcal/H o Kw
• Primary circuit inlet	T1		°C
• Secondary circuit outlet	T2		°C
• Secondary circuit inlet	T3		°C
• Primary circuit outlet	T4		°C
• Primary flow			Litre/Hour
• Secondary flow			Litre/Hour
• Primary pressure drop			m.c.a.
• Secondary pressure drop			m.c.a.





SPARE PARTS AND
ACCESSORIES



Spare membranes

Tank capacity	Tank model				
	INTERVAREM LS MAXIVAREM LS PLUSVAREM INOXVAREM	MAXIVAREM LR	SOLARVAREM	IDROVAREM MAXIVAREM LC	ULTRAVAREM
	Item	Item	Item	Item	Item
5	MB008S2P00000000		MB008S6S00000000		
8	MB008S2P00000000		MB008S6S00000000		
12	MB012S2P00000000		MB012S6S00000000		
19	MB019S2P00000000		MB019S6S00000000	MB024S8P00000000	
20	MB019S2P00000000				MB020S7P00000000
20 Plusvarem + Inoxvarem	MB020S2P00000000				
24	MB019S2P00000000			MB024S8P00000000	MB019S7P00000000
25	MB019S2P00000000		MB019S6S00000000		
40	MB040S2P00000000		MB040S6S00000000		
50	MB060S2P00000000	MB050S4H00000000	MB060S6S00000000		
60	MB060S2P00000000	MB060S4H00000000	MB060S6S00000000	MB060S8P00000000	MB060S7P00000000
80	MB080S2P00000000	MB080S4H00000000	MB080S6S00000000	MB080S8P00000000	
100	MB080F2P00000000	MB080S4H00000000	MB080S6S00000000	MB080S8P00000000	MB080F7P00000000
100 sp. PA + Inoxvarem	MB080S2P00000000				
150	MB150F2P00000000	MB150S4H00000000	MB150S6S00000000	MB150S8P00000000	
200	MB200F2P00000000	MB150S4H00000000	MB200S6S00000000	MB200S8P00000000	
250		MB200S4H00000000		MB200S8P00000000	
300	MB300F2P00000000	MB200S4H00000000	MB300S6S00000000	MB300S8P00000000	
400		MB300S4H00000000		MB300S8P00000000	
500	MB500F2P00000000	MB500S4H00000000	MB500S6S00000000		
700		MB500S4H00000000			
750	MBN10F2P00000000				
1000	MBN10F2P00000000	MBN10F2P00000002			
1500	MBN10F2P00000000				
2000	MBN10F2P00000000				
3000	MBN30S2P00000000				

The membranes are made on synthetic rubber.
 The membranes for water booster systems are potable water-proof certified.
 The membranes for Solarvarem can resist up to 130° for short periods with solutions of water and glycol.



SPARE PARTS

MODEL	TANK MODEL	CONNECTOR	GALVANIZED STEEL	COATED STEEL	STAINLESS STEEL AISI 304	STAINLESS STEEL AISI 316	
Coverflange		5-12 lt.	3/4"	SPCFL512ZN200000	-	SPCFL512S4200000	-
		5-12 lt.	1" S	PCFL512ZN300000	-	SPCFL512S4300000	-
		19-100 lt.	3/4"	SPCFL1912N200H28	-	SPCFL191S4200000	-
		19-100 lt.	1"	SPCFL1912N300000	-	SPCFL191S4300000	SPCFL191S6300000
		150-200-300 lt.	1" 1/2	SPCFL230ZN4V0000	-	SPCFL230S4400000	SPCFL230S6400000
		500-750 lt.	1" 1/2	-	SPCFL575VE400000	-	-
		1000-2000 lt.	2"	-	SPCFLN12VEHE0000	-	-
		500 lt. Plusvarem	1" 1/2	-	SPCFL575VE4P0000	-	-
		750 lt. Plusv/CE	1" 1/2	-	SPCFL750VE4P0000	-	-
		1000 lt. Plusv/CE + 2000	2"	-	SPCFLN12VEHC0000	-	-
Flange disk		500-750 lt.	1/2"	-	-	SPCFL575S4400000	SPCFL575S6400000
		1000-2000 lt.	2"	-	-	SPCFLN12S4HC0000	SPCFLN12S6HC0000
Coated disk coverflange		500 lt.	1/2"	-	SPDIS575VE000000	-	-
		750 lt.	1/2"	-	SPDIS750VE000000	-	-
		1000-2000 lt.	2"	-	SPDISN12VE0C0000	-	-
Diffuser tube coverflange		150-200 lt. Maxivarem	1" 1/2	SPCFL152ZN400000	-	SPCFL152S44C0000	-
		250-300-400 lt. Maxivarem	1" 1/2	SPCFL254ZN400000	-	SPCFL230S44R0000	-
		500-600-700 lt. Maxivarem	1" 1/2	SPCFL500VE400000	-	-	-
Top flange		100 lt.	1/2"	SPATT100ZN000000	-	SPATT100S4000000	SPATT100S6000000
		150-300 lt.	1/2"	SPATT153ZN0H0000	-	SPATT153S40H0000	SPATT153S6000000
		500-750-1000-1500 lt.	1/2"	SPATT515ZN000000	-	SPATT510S4000000	SPATT752S6000000
Membr. upper connect.		2000 lt.	1/2"	SPATTN20VE000000	-	SPATTN20S4000000	-
1/2" nut with gasket		100-2000 lt.	2"	SPTAP120ZN000000	-	SPTAP120S4000000	-



ACCESSORIES

MODEL		DESCRIPTION Minimum Q.ty	ITEM
Precharge valve		20-24-40-50 lt (21 mm)	ACVALH21PR000000
		5-8-12-20 HP - 60 - 80 (27,5 mm)	ACVALH27PR000000
		100 - 750 lt	ACVAL200PR000000
		1000 ÷ 2000 lt	ACVALN10PR000000
5-way connector		Lenght 72 mm	ACFIT5VI00H72000
		Lenght 82 mm	ACFIT5VI00H82000
		Lenght 92 mm	ACFIT5VI00H92000
Pressure gauge		0-6 bar Ø 50 - 1/4" rear	ACMAND50PT006000
		0-6 bar Ø 50 - 1/4" radial	ACMAND50RD006000
		0-10 bar Ø 50 - 1/4" radial	ACMAND50RD010000
Valve + pressure gauge kit for Maxivarem LS		Pressure gauge 0-16 bar CE + safety valve 9 bar CE 5 pcs/box	ACVALD50KT016000
Flow valve		Flow-valve for 60-80-100 L FW	ACFWV060000000000
		Flow-valve for 100-200-300-500-750 L FW	ACFWV150000000000
Pressure switch		V/M5 VAREM – Monophase 10 pcs/box	ACPSWVM5MN000000
		V/PM5 ITALTECNICA – Monophase 10 pcs/box	ACPSWPM5MN000000
		V/PT5 ITALTECNICA – Three-phase 10 pcs/box	ACPSWPT5TR000000
		V/PM12 ITALTECNICA – Monophase 10 pcs/box	ACPSWM12MN000000
		V/PT12 ITALTECNICA – Three-phase 10 pcs/box	ACPSWT12TR000000
Flexible hose		Length 60 cm, allow M-F, 1" GAS	ACFLX003MF060000
		Length 80 cm, allow M-F, 1" GAS	ACFLX003MF080000
		Length 100 cm, allow M-F, 1" GAS	ACFLX003MF100000
Valve cap		Black	ACCAP519NE000000
		Blue	ACCAP024BL000000
		20/40-100 lt. black	ACCAP100NE000000
Plate for Extravarem LR/LC		capacity 2-40 lts	ACBRK240000000000
		capacity 5-40 lts	ACBRK54000WLM000
		capacity 5-40 lts	ACBRK54000WLM002
		capacity 25-40 lts	ACBRK254000000000

SALES CONDITIONS

Introduction

Our sales are subject only to the conditions specified in our Order Confirmation and annul any printed or verbal clauses in the purchaser's order or correspondence. All orders sent to Varem S.p.A. imply acceptance and observance by the purchaser of the hereunder General Sales Conditions.

1. Orders and delivery terms

The sales contracts are understood to be always carried out at any one of the Varem's plants, regardless of where the order has been accepted. Orders placed by the purchaser or by any other type of intermediary are always subject to approval by Varem. Said approval is given when the Order Confirmation is sent. Upon receipt of the Order Confirmation, the purchaser is required to check all the data given and to immediately communicate any discrepancies with respect to the order placed. The text of our Order Confirmation will prevail in any case over any other offers or orders and is considered accepted to all effects if no complaints are received from the purchaser within a maximum of 3 days from the confirmation date. A tolerance of $\pm 10\%$ with respect to the overall quantity ordered is permitted in the fulfilment of the order, unless an agreement has been reached and is quoted in our Order Confirmation, without this giving rise to price variations.

2. Shipment of goods

Shipments are normally carried out by Varem S.p.A. in accordance with the procedures specified in the Order Confirmation. If the purchaser withdraws the goods, said purchaser is to withdraw the goods from our warehouses on the date they are made available from our services. Once 3 days have passed from the date of communication of the goods being ready for delivery without the purchaser withdrawing the orders, Varem S.p.A. is entitled to deliver the goods, charging the purchaser with transport costs. Prior to sending a vehicle for the withdrawal of the goods, the purchaser is obliged to agree with the Varem S.p.A. Dispatching Department on the time and place of loading.

3. Transfer of ownership and risks

Unless agreed differently, with said agreement written on the Order Confirmation, ownership of the goods is transferred to the purchaser only and exclusively at the time of loading onto the carrier. Consequently the goods travel at the purchaser's risk. Any problems arising from damage during transport and/or delays of any kind cannot be attributed to Varem S.p.A. Any reservations and/or complaints connected with transport must be made by the purchaser to the carrier (as Varem S.p.A. is not responsible for whatever happens to the order once it leaves its premises).

4. Packing

Varem S.p.A. will provide for packing according to its experience and methods normally adopted. The use of special packing or exclusion of such must be explicitly requested by the purchaser at the time of the order and will be subject to negotiation with regards to cost.

5. Delivery terms

The preparation, shipment and/or delivery times resulting from our Order Confirmation are only a guide and are not firm. The purchaser will decline the right to claim compensation for damages or termination, full or partial, of the contract. In all cases of lack of materials, electricity, machinery breakdown, interruptions in transport services, staff agitation, public calamities, etc., Varem S.p.A. is exempt from all responsibilities for failure or delayed delivery.

6. Payment conditions

Payment of our goods must be made net of all expenses, discounts and taxes in the terms agreed and given in our Order Confirmation. The place of payment, as well as the issue of bills of exchange and receipts, are to all effects the domicile of Varem S.p.A.. Failure or delayed payment of our invoices will not only lead to interest charges, but will also lead to the advance payment of remaining invoices and to the suspension or cancellation of the performance of the other contracts in progress without the purchaser having the right to claim compensation or indemnity.

7. Prices

The prices agreed or given in the sales confirmations are net of any charges and, if not otherwise specified, are ex-works Varem S.p.A.. Any variations in costs, particularly of raw materials and labour, substantially affecting the price of product, which occur during the fulfilment of the contract, will authorize Varem S.p.A. to revise prices in proportion to the increase. Varem S.p.A. also has the right to revise prices when the delivery term is extended by the purchaser beyond the date already established by Varem S.p.A..

8. Complaints

Complaints concerning quality or quantity, or goods not corresponding to our Order Confirmation, must be forwarded upon receipt of the goods, specifying the differences found in the transport document, and subsequently confirmed by registered letter within 7 days from receipt. If the complaint is promptly and properly forwarded, and considered to be founded after inspection by our technicians, Varem S.p.A.'s obligations are confined to replacement or integration of the goods at the same place of delivery of the original supply after return of the mistaken goods; except for all rights on the part of the purchaser to demand termination of the contract. Complaints and protests do not give the purchaser the right to suspend payment of the invoice for the goods in question.

9. Warranty

A credit note will be issued for all tanks made in the two years prior to the current and that have been accepted as defective by Varem S.p.A. The warranty does not apply if the defect is due to use of the tank other than those specified in the authorized price list / catalog or if the indicated maximum pressure and/or temperature values have been exceeded. All faulty tanks must be returned to Varem S.p.A., Limena at the expense of the sender. Return shipment is made free of charge to Varem S.p.A. wholesaler. No extra cost will be acknowledged for faulty tanks (assembly - disassembly - transport - labour - etc.) besides the cost of the non-conforming product. We reserve the right to carry out, without advance warning, all the changes that in our judgment represent an improvement of the product. Tolerance of the precharge is ± 0.2 bar of the specified value for the first 6 months from the date of production.

10. Jurisdiction

The Court of Padua will be exclusively empowered to settle any disputes arising from the sales of contracts concluded by Varem S.p.A..

11. Pressure tanks are subject to different norms and regulations in the countries where they are installed. The purchaser is responsible for respecting such norms and for using the proper models. Varem S.p.A. totally declines any responsibility from any case where a tank has been mistakenly used. Varem S.p.A. is not responsible for any typographical or translation errors.





VAREM[®]

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45° 27' 43.93" N, 11° 15' 12.44" E

Bovolenta plant - registred office

via Sabbioni 2, I-35024 Bovolenta (PD) - Italy

45° 16' 02.49" N, 11° 55' 51.49" E