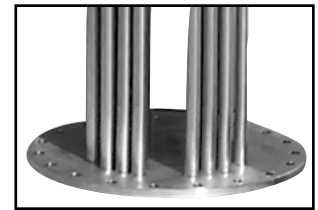


BV1XS - Stainless steel AISI 316L boiler with ped steam exchanger



Boiler for the production and storage of Sanitary Hot Water. The tank, made of stainless steel AISI 316L, is equipped with stainless steel AISI 316L tube bundle exchanger suitable to be powered with steam. The heat exchanger is equipped with a Declaration of Conformity PED (according to Annex VII of the European Directive 14/68/UE), and is bent downward to prevent bacterial growth in the coldest area in the boiler.



TECHNICAL CHARACTERISTICS

Sanitary	Material:	Stainless steel AISI 316L (1.4404)
	Internal protective processing:	Pickling and passivation
	External protective processing:	Pickling and passivation
	Operation (P max. / T max.):	6 bar / 95°C
	Cathodic protection:	Magnesium anode
Steam exchanger	Material:	Stainless steel AISI 316L on Inox plate
	Internal protective processing:	Pickling and passivation
	External protective processing:	Pickling and passivation
	Typology:	U - tube bundle (steam-powered) on removable plate
General characteristics	Operation (P max. / T max.):	6 bar / 165°C o 12 bar / 191,7°C
	Capacity:	500 - 5000 Lt
	Warranty:	5 years (<i>sanitary storage</i>), 2 years (<i>removable exchanger</i>)
	Insulation:	- Flexible Polyester + pvc: <i>Fire resistance class B2 (DIN4102)</i>
		- Rigid insulation: - up to 2000 Lt in polyurethane + pvc: <i>Fire resistance class B3 (DIN4102)</i> - from 2500 to 5000 Lt polyester (15) + polystyrene (85) + pvc: <i>Fire resistance class B2 (DIN4102)</i>
Reference legislation:	- PED 14/68/UE Art. 4 Par. 3 (Pressure equipment) - M.D. of 6th April 2004 N.174 (suitability of materials in contact with SHW) - Directive 2009/125/CE (Energy related Products)	

FITTINGS
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Electronic anode with impressed current



Electronic control unit



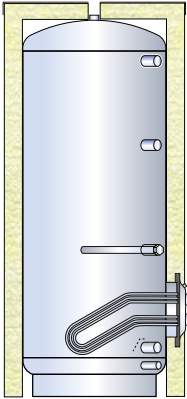
Electrical resistance 1"1/2 connection



Thermostat



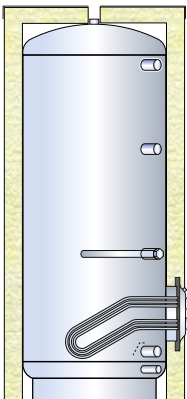
Thermometer



BV1XS6 - Stainless steel AISI316l boiler with inox AISI 316l removable tested ped steam 6 bar exchanger						
Flexible polyester insul. 100 mm thick + pvc			Rigid insulation + pvc			
Code	ErP	€	Code	Thickness (mm)	ErP	€
-	-	-	BV1XS6 00500 R	50	C	-
BV1XS6 00800 F	D	-	BV1XS6 00800 R	100	C	-
BV1XS6 01000 F	D	-	BV1XS6 01000 R	100	C	-
BV1XS6 01500 F	D	-	BV1XS6 01500 R	100	C	-
BV1XS6 02000 F	D	-	BV1XS6 02000 R	100	C	-
BV1XS6 02500 F	-	-	BV1XS6 02500 R	100	-	-
BV1XS6 03000 F	-	-	BV1XS6 03000 R	100	-	-
BV1XS6 04000 F	-	-	BV1XS6 04000 R	100	-	-
BV1XS6 05000 F	-	-	BV1XS6 05000 R	100	-	-

Horizontal version +10%

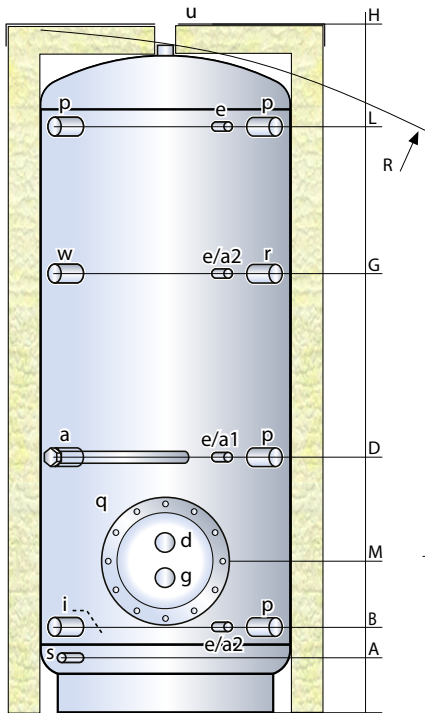
Removable exchanger boilers



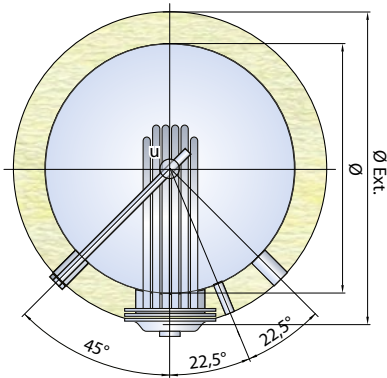
BV1XS12 - Stainless steel AISI316l boiler with inox AISI 316l removable tested ped steam 12 bar exchanger						
Flexible polyester insul. 100 mm thick + pvc			Rigid insulation + pvc			
Code	ErP	€	Code	Thickness (mm)	ErP	€
-	-	-	BV1XS12 00500 R	50	C	-
BV1XS12 00800 F	D	-	BV1XS12 00800 R	100	C	-
BV1XS12 01000 F	D	-	BV1XS12 01000 R	100	C	-
BV1XS12 01500 F	D	-	BV1XS12 01500 R	100	C	-
BV1XS12 02000 F	D	-	BV1XS12 02000 R	100	C	-
BV1XS12 02500 F	-	-	BV1XS12 02500 R	100	-	-
BV1XS12 03000 F	-	-	BV1XS12 03000 R	100	-	-
BV1XS12 04000 F	-	-	BV1XS12 04000 R	100	-	-
BV1XS12 05000 F	-	-	BV1XS12 05000 R	100	-	-

Horizontal version +10%

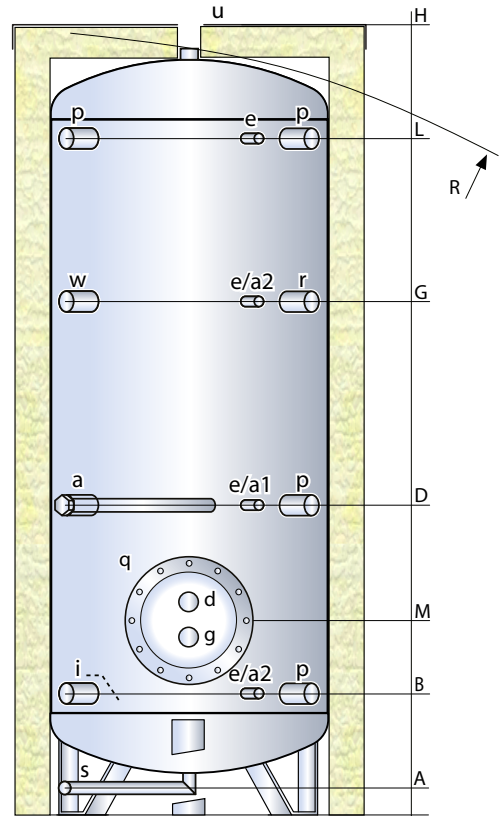
500 - 1500 Lt



- a magnesium anode
- a1 - a2 provision for the electronic anode
- d boiler flow
- e thermometer - probe
- g boiler return
- i sanitary cold water inlet
- x solar flow
- y solar return
- p service connection
- q exchanger flange
- r recirculation
- s discharge
- u sanitary hot water output
- w electrical resistance



2000 - 5000 Lt



Removable exchanger boilers

Model	Dimensions (mm)				Exchanger (Sq.m.)	Electronic anode (optional)	Weight (Kg)
	Ø	H	Ø Ext **	R*			
BV1XS_00500R	650	1645	750	1820	1,00	a1 (EPS 375/125)	96
BV1XS_00800_	790	1750	990	1745	1,50	a1 (EPS 375/125)	149
BV1XS_01000_	790	2110	990	2095	2,00	a1 (EPS 375/125)	170
BV1XS_01500_	1000	2115	1200	2145	3,00	a2 (EPS 375/125)	241
BV1XS_02000_	1100	2453	1300	2465	3,00	a2 (EPS 375/125)	326
BV1XS_02500_	1200	2595	1400	2640	3,00	a2 (EPS 700/200)	372
BV1XS_03000_	1250	2795	1450	2835	3,00	a2 (EPS 700/200)	415
BV1XS_04000_	1400	2925	1600	2995	4,00	a2 (EPS 700/200)	572
BV1XS_05000_	1600	2955	1800	3090	5,00	a2 (EPS 700/200)	693

* For 500 Lt the diagonal of rollover refers to the insulated tank

** All insulations are removable except for models from 200 to 500 Lt

Model	Quotes (mm)						Connections (gas)						
	A	B	D	G	L	M	a p r	d g	e	i u	s	w	q
BV1XS_00500R	135	240	615	1105	1375	445	1"1/4 1" 1/2"	1" 1"1/4 1"	1"1/2 1" 1"1/2	220/290			
BV1XS_00800_	170	275	655	1145	1410	450	1"1/4 2" 1"1/2"	1" 1"1/2 1"	1"1/2 1" 1"1/2	300/380			
BV1XS_01000_	170	275	810	1355	1755	455	1"1/4 2" 1"1/2"	1" 1"1/2 1"	1"1/2 1" 1"1/2	300/380			
BV1XS_01500_	235	340	765	1400	1725	520	1"1/4 2" 1"1/2"	1" 2" 1"	1"1/2 1" 1"1/2	300/380			
BV1XS_02000_	100	475	1010	1515	1975	655	1"1/4 2" 1"1/2"	1" 2" 1"	1"1/2 1" 1"1/2	350/430			
BV1XS_02500_	100	505	1040	1600	2105	690	1"1/4 2" 1"1/2"	1" 2" 1"	1"1/2 1" 1"1/2	350/430			
BV1XS_03000_	90	515	1100	1730	2300	675	1"1/4 2" 1"1/2"	1" 3" 1"	1"1/2 1" 1"1/2	350/430			
BV1XS_04000_	120	595	1190	1815	2380	755	1"1/4 2" 1"1/2"	1" 3" 1"	1"1/2 1" 1"1/2	350/430			
BV1XS_05000_	100	600	1185	1815	2385	825	1"1/4 2" 1"1/2"	1" 3" 1"	1"1/2 1" 1"1/2	350/430			