

# BOL. EXTRA 1 XXC VT

## INSULATED STAINLESS STEEL 316L CALORIFIERS WITH 1 EXTRACTABLE HEAT EXCHANGER

STAINLESS STEEL 316L



EXTRA 1 L

Capacity	BOL. EXTRA1 XXC VT STAINLESS STEEL 316L EXCHANGER	Heat Exchanger Surface	Weight
[liters]	ART. NR.	[m²]	[Kg]
200	3072052300002	0,5	59
300	3072052300003	0,75	74
500	3072052300004	1	98
1000	3072052300006	2	176
1500	3072052300007	3	264
2000	3072052300008	4	327
3000	3072052300010	5	511
4000	3072052300011	8	676
5000	3072052300013	10	779

STORAGE		EXCHANGER	
Pmax	Tmax	Pmax	Tmax
8 bar	95° C	12 bar	99° C



EXTRA 1 M

1500	3072052301007	1,5	242
2000	3072052301008	2	307
3000	3072052301010	2,5	499
4000	3072052301011	4	647
5000	3072052301013	5	743

For those products available on request, prices and delivery time should be agreed when ordered



### PROMPT DELIVERY

Grey highlighted products are dispatched in 1-5 working days. (Delivery time excluded)

#### Technical descriptions

Stainless Steel 316L vertical calorifier suitable for drinkable water according to D.M N 174 dated 16 04 04.

The thermal exchanger is ensured by the innovative Heat Exchanger for legionellosis-prophylaxis, with tubes bent to the bottom, reducing legionellosis bacteria's diffusion and improving the heating performance.

#### Application

Production and Storage of sanitary hot water for domestic and industrial uses.

#### Insulation

50 mm soft polyurethane foam. Thermal conductivity: 0.038 W/mK.

#### External lining

SCAI red Ral 3000 complete with upper trims and flange cover.

#### Drain pipe

External confluence through jointable pipe.

#### Warranty

- 5 years  
See general sales conditions and warranty.

#### Heat exchanger:

Curved Legionella prophylaxis type in Stainless Steel 316L suitable for potable water in accordance with D.M. N° 174 dated 16 04 04.

Thanks to the Antilegionella heat exchanger the ignition time refers to the total volume of the tank. With straight exchanger time refers to 85% of the volume.

#### Cathode protection

Magnesium anode with Anoden-tester which facilitates an easy check of the magnesium bar condition. For capacity > 1500lt n°2 magnesium anode.

#### Gasket-Flange Plate

- Silicone gaskets suitable for alimentary use for max temperature up to 200° C. (D.M. n.174 dated 2004);  
- Corrosion proofing flange cover.



Datas have been calculated on following basis:

- 1) Primary circuit at 80°C and proper energy source;
- 2) Production of DHW in continue way from 10 to 45°C.
- 3) DHW that can be taken in the first 10' and in the first hour from storage at 60°C, input 10°C and output 45°C;
- 4) Sanitary water not scaling.

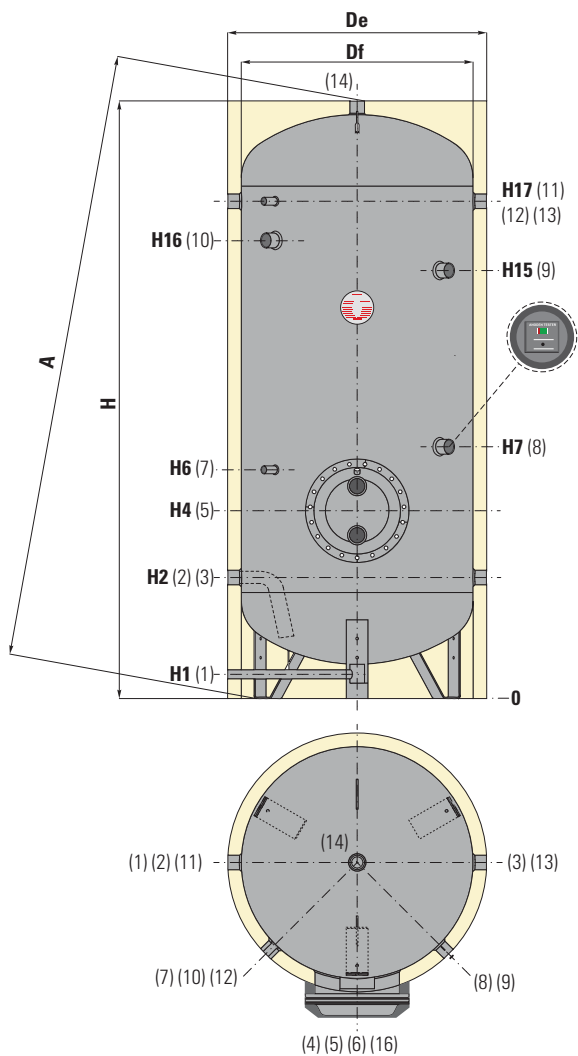
Even if tanks are tested to resist from Max temperature 60°C to 95°C, the local legislation has always to be observed during the use.

EXTRA 1 L

Capacity	Ignition Time	Output	Continous production of DHW	Storage volume	DHW produced in the first 10 Min.	DHW produced in the first hour	Flow rate	Exchanger pressure loss	
								[mm.c.a.]	[mbar]
[liters]	[min]	[KW]	[lt/h]	[liters]	[liters]	[liters]	[m³/h]		
200	49	18	455	190	347	635	2	309	30,3
300	48	28	701	285	524	968	3	372	36,5
500	60	38	947	480	844	1443	4	419	41,1
1000	54	86	2127	995	1776	3123	10	1380	135,3
1500	53	133	3290	1490	2677	4761	15	2295	225,1
2000	52	180	4453	1975	3564	6384	20	2996	293,8
3000	65	216	5361	2975	5144	8539	20	2436	238,9
4000	57	330	8168	3890	6918	12092	20	3896	382,1
5000	60	401	9921	4890	8639	14923	20	4707	461,6

EXTRA 1 M

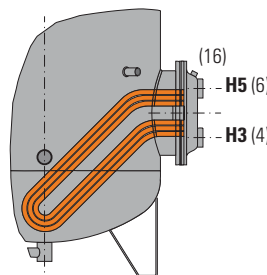
1500	95	59	1813	1490	2431	3579	15	4346	426,2
2000	98	94	2328	1975	3209	4684	15	5210	510,0
3000	121	116	2871	2975	4729	6547	15	3779	370,6
4000	102	180	4453	3890	6299	9120	20	2996	293,8
5000	108	216	5348	4890	7877	11264	20	2436	238,9



CONNECTIONS	
1	Drain 3/4" Gas F (from 200 to 1000 Lt)
2	Domestic Cold Water Circuit Inlet
3	Alternative Domestic Cold Water Circuit Inlet or connection for more boilers
4	Primary Circuit Outlet
5	Heat Exchanger Flange
6	Primary Circuit Inlet
7	Connection for thermostat 1/2" Gas F
8	Connection for magnesium anode 1" 1/4 Gas F
9	Connection for 2nd Anode 1" 1/4 Gas F (only for capacity > 1500 Lt)
10	Connection for electrical immersion resistance 1" 1/2 Gas F
11 - 13	Connection for recirculation or for Domestic Hot water delivery
12	Connection for thermometer 1/2" Gas F
14	Domestic Hot Water Circuit Outlet
16	Air Ventil Heat Exchanger 3/8" Gas F



**On request:**  
 "EASY CONTROL" Electronic Display mounted and connected.  
 Available as accessories – see page 70



Capacity	Net Volume	Df	De	H	A	H1	H2	H3	H4	H5	H6	H7	H15	H16	H17	5	1	2-3 11-13	14
[liters]	[liters]	[mm]														Connections Gas F			
200	188	450	550	1441	1463	64	316	351	401	451	511	751	//	1066	1176	Øe 300	3/4"	1"1/4	1"1/4
300	289	550	650	1550	1578	123	400	435	485	535	595	835	//	1150	1260	Øe 300	3/4"	1"1/4	1"1/4
500	497	650	750	1841	1873	114	416	451	501	551	611	976	//	1370	1526	Øe 300	3/4"	1"1/4	1"1/4
1000	1037	850	950	2192	2235	89	454	499	589	679	739	1139	//	1660	1814	Øe 380	3/4"	1"1/2	1"1/2
1500	1489	950	1050	2495	2540	72	480	525	615	705	765	1290	//	1935	2090	Øe 380	1"	1"1/2	2"
2000	2052	1100	1200	2517	2576	54	535	612	717	822	892	867	1957	1905	2082	Øe 430	1"	2"	2"
3000	2983	1250	1350	2891	2958	82	603	688	793	898	968	993	2233	2249	2408	Øe 430	1"	2"	2"
4000	4003	1450	1550	2860	2950	57	642	715	820	925	995	1000	2210	2163	2335	Øe 430	1"	2"	2"
5000	4935	1600	1700	2925	3032	36	646	732	837	942	1012	1017	2237	2207	2362	Øe 430	1"	2"	2"