

EXTRA 1 INOX VAPORE

STAINLESS STEEL 316L CALORIFIERS WITH 1 EXTRACTABLE STAINLESS STEEL HEAT EXCHANGER FOR STEAM GENERATOR



APPLICATION

Production and storage of sanitary hot water. Suitable for steam generators.

MATERIAL

Stainless Steel 316 L suitable for domestic hot water

HEAT EXCHANGER

Stainless steel 316L straight heat exchanger suitable for steam power (P.E.D. directive compliant).

INSULATION

- HARD: High thermal insulation with ecological polyurethane hard foam.

- SOFT: NOFIRE® polyester fleece 100% made of recyclable material, with high thermal insulation. Fire resistance class B-s2d0 according to EN 13501. Grey PVC external lining.

CATHODE PROTECTION

Magnesium anode. Models > 1500 n° 2 magnesium anodes.

DRAIN

External confluence through drain connection.

GASKET- FLANGE PLATE

Asbestos-free fiber gaskets.

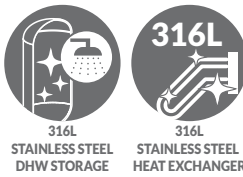
Mild steel exchanger head with anticorrosion treatment.

WARRANTY

5 years - See general sales conditions and warranty

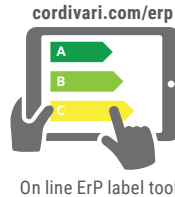
ACCESSORIES AND SPARE PARTS

See Accessories section for the entire list.



EXTRA 1 VAPORE XXB

Model	HARD FOAM insulation Art. Nr.	HEAT EXCHANGER SURFACE [m ²]	ENERGY EFFICIENCY CLASS ErP



EXTRA 1 VAPORE XXC

Model	DISMOUNTABLE SOFT FLEECE insulation Art. Nr.	HEAT EXCHANGER SURFACE [m ²]	ENERGY EFFICIENCY CLASS ErP
1000	3069052300135	2	C
1300	3069052300136	3	C
1500	3069052300137	3	C
2000	3069052300138	3	C
2500	3069052300109	3	
3000	3069052300111	3	
4000	3069052300113	4	
5000	3069052300115	5	

HEAT EXCHANGER FOR STEAM GENERATOR TECHNICAL DATA

Heat Exchangers performance calculated with primary circuit at 6 bar saturated steam and production of DHW from 10° to 45°C

Heat Exchangers performance calculated with primary circuit at 3 bar saturated steam and production of DHW from 10° to 45°C

Model	PED	Heat Exchangers performance calculated with primary circuit at 6 bar saturated steam and production of DHW from 10° to 45°C				Heat Exchangers performance calculated with primary circuit at 3 bar saturated steam and production of DHW from 10° to 45°C			
		Output	DHW production		Ignition time	Output	DHW production		Ignition time
		[KW]	[l/h]	[l/10']	[min]	[KW]	[l/h]	[l/10']	[min]
500	Art. 4.3	141	3464	1189	9	114	2793	1077	11
800	Cat. I	212	5196	1869	9	171	4189	1701	12
1000	Cat. I	282	6928	2463	9	227	5585	2239	11
1500	Cat. I	423	10393	3554	9	341	8378	3218	11
2000	Cat. I	423	10393	4228	12	341	8378	3892	15
2500	Cat. I	423	10393	4571	13	341	8378	4235	17
3000	Cat. I	423	10393	5438	17	341	8378	5102	22
4000	Cat. I	564	13857	7031	17	455	11171	6583	21
5000	Cat. I	705	17321	9097	17	568	13963	8537	22

ACCESSORIES

"Easy Control" Electronic Display-mounted on tank

ART. NR.	FOR MODELS
5005000310002	XXC
5005000310003	XXB



Thermometer

Art. Nr.
5032240000107
5 units box



Titanium electronic anode (for stainless steel calorifiers)

See Accessories section



EXTRA 1 INOX VAPORE

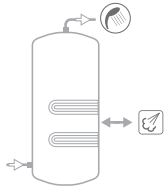
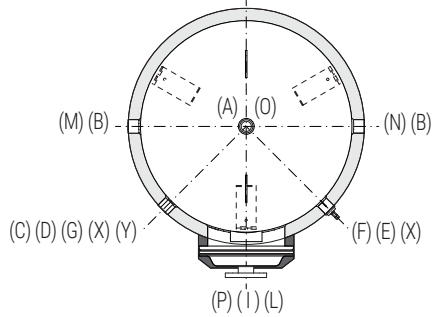
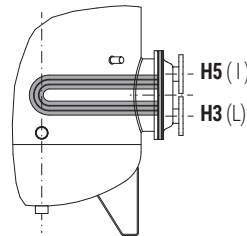
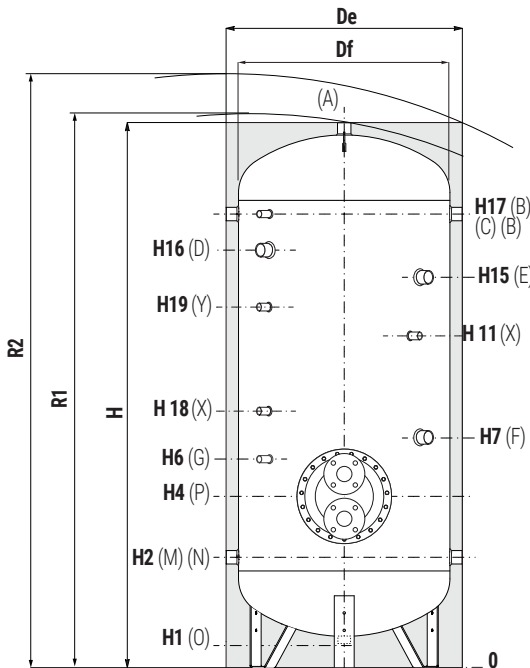
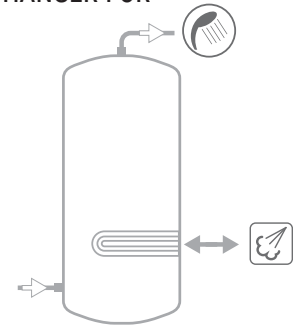
STAINLESS STEEL 316L CALORIFIERS WITH 1 EXTRACTABLE STAINLESS STEEL HEAT EXCHANGER FOR STEAM GENERATOR

STORAGE		HEAT EXCHANGER	
Pmax	Tmax	Pmax	Tmax
6 bar	95 °C	6 bar	165 °C



CORDIVARI Lab

TÜV Rheinland Energie und Umwelt GmbH states that test procedures and Cordivari LAB are certified conforming to European standard EN 15332, as indicated by Ecodesign ErP Directive.



Models with 2 heat exchangers are available on request

- A** Domestic hot water outlet
- B** Recirculation / Domestic hot water outlet
- C** Connection for instrumentation 1/2" F
- D** Connection for electric immersion heater
- E** Connection for 2nd magnesium anode/Titanium electronic anode 1"1/4 F (only for models > 1500)
- F** Connection for magnesium anode/Titanium electronic anode 1" 1/4 F
- G** Connection for instrumentation 1/2" F
- M** Domestic cold water circuit inlet
- N** Alternative domestic cold water circuit inlet or connection for more boilers
- L** Outlet for condense DN50 PN16
- I** Steam circuit inlet DN50 PN16
- O** Drain
- P** Flange
- X** Connection for titanium electronic anode 3/4" F (>1300)
- Y** Connection for titanium electronic anode 3/4" F (>3000)

Model	Volume [lit]	Df (vers. XXC)	De (vers. XXC)	De (vers. XXB)	H	R1	R2	H1	H2	H3	H4	H5	H6	H7
		[mm]		[mm]										
500	504	//	//	750	1861	2006	2010	141	426	421	511	601	621	811
800	762	790	1010	//	1893	2008	2190	113	428	473	563	653	713	863
1000	905	800	1020	//	2212	2270	2440	112	437	482	572	662	722	922
1300	1277	950	1210	//	2193	2275	2510	118	433	478	568	658	718	918
1500	1403	1000	1260	//	2177	2266	2520	112	447	592	682	772	832	982
2000	2024	1250	1510	//	2099	2231	2590	134	529	664	754	844	904	1004
2500	2320	1250	1350	//	2299	2396	2670	134	529	664	754	844	904	954
3000	2925	1250	1350	//	2799	2879	3110	134	529	664	754	844	904	1014
4000	3776	1400	1500	//	2872	2968	3250	117	557	737	842	992	1017	1022
5000	4995	1600	1700	//	2909	3031	3370	94	564	639	789	939	964	1019

Model	H15	H16	H17	H18	H19	P
	[mm]					
500	//	1380	1536	//	//	Øi220/Øe300
800	//	1382	1538	//	//	Øi300/Øe380
1000	//	1642	1797	//	//	Øi300/Øe380
1300	//	1638	1793	//	//	Øi300/Øe380
1500	1552	1602	1757	//	//	Øi300/Øe380
2000	1524	1473	1629	1159	//	Øi300/Øe380
2500	1794	1710	1879	1179	//	Øi300/Øe380
3000	2294	2210	2369	1279	//	Øi300/Øe380
4000	2302	2225	2397	1307	2090	Øi350/Øe430
5000	2319	2159	2404	1314	2024	Øi350/Øe430

A	O	B	M	N	D
1"1/4	3/4"	1"1/4	1"1/4	1"1/2	1"1/2
1"1/2	3/4"	1"1/4	1"1/4	1"1/2	2"
1"1/2	3/4"	1"1/2	1"1/2	2"	2"
2"	1"	1"1/2	1"1/2	2"	2"
2"	1"	1"1/2	1"1/2	2"	2"
2"	1"	2"	2"	2"	2"
2"	1"	2"	2"	2"	2"
2"	1"	2"	2"	2"	2"
2"	1"	2"	2"	2"	2"