

EXTRA 2 STEAM

POLYWARM® COATED CALORIFIERS WITH 2 EXTRACTABLE STAINLESS STEEL HEAT EXCHANGERS FOR STEAM GENERATOR



APPLICATION

Production and storage of domestic hot water (DHW). Suitable for steam generators.

MATERIAL

Mild steel Polywarm® coated (Attestation ACS - SSICA - EN 16421 - WRAS).

HEAT EXCHANGER:

N° 2 Stainless steel 316L straight heat exchanger suitable for steam power (P.E.D. directive compliant).

INSULATION (DISMOUNTABLE)

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

n° 2 magnesium anodes.

DRAIN

External confluence through drain pipe.

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 2 VAPORE WXC

316L STAINLESS STEEL HEAT EXCHANGERS SURFACE

Model	DISMOUNTABLE SOFT FLEECE INSULATION Art. Nr.	316L STAINLESS STEEL HEAT EXCHANGERS SURFACE	
		Lower	Middle
		[m²]	
3000	3069162363008	3	3
4000	3069162363009	4	4
5000	3069162363010	5	5

HEAT EXCHANGERS 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	Categoria 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]
Middle	3000	Cat. I	423	10393	4098	11	341	8378	3762	14
	4000	Cat. I	564	13857	5349	11	455	11171	4902	13
	5000	Cat. I	705	17321	6907	11	568	13963	6347	14
Lower	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

HEAT MANAGER + electric immersion heater 1,5 kW + probe +3m cable

Art. Nr.	ELECTRIC IMMERSION HEATER
5240000000074	1,5 kW
5240000000075	2 kW
5240000000076	3 kW

See Accessories section

Titanium anode



See Accessories section

Thermometer

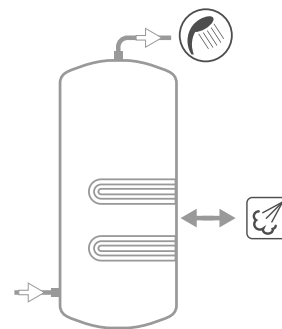
Art. Nr.
5032240000107
5 units box



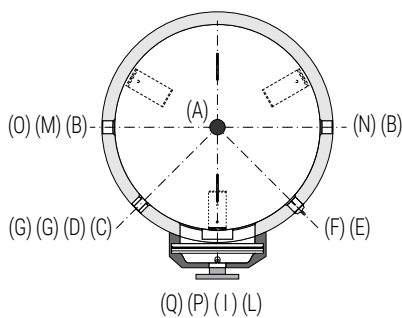
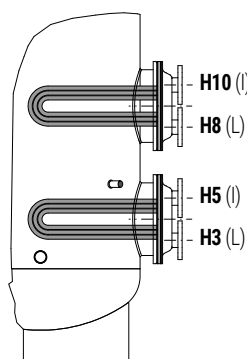
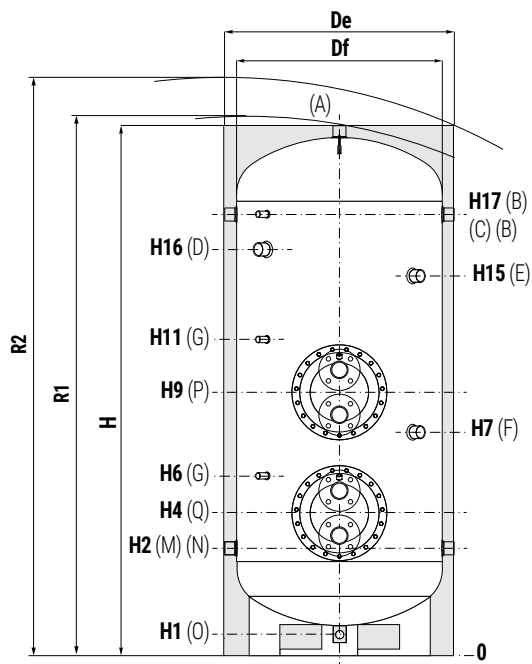
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STORAGE		HEAT EXCHANGER	
Pmax	Tmax	Pmax	Tmax
6 bar	90 °C	6 bar	165 °C



See TECHNICAL SUPPORT chapter for example of installation



Models from 3000 to 5000 are equipped with a practical **skirt** support which facilitate the handling with transpallets and forklifts. Also, discharge piping already mounted to allow **total emptying**.

- A** Domestic hot water outlet 2" G F
- B** Recirculation / Domestic hot water outlet 2" G F
- C** Connection for instrumentation 1/2" G F
- D** Connection for electric immersion heater 2" G F
- E** Connection for 2nd magnesium anode 1 1/4" G F
- F** Connection for magnesium anode 1 1/4" G F
- G** Connection for instrumentation 1/2" G F
- I** Steam circuit inlet DN50 PN16
- L** Outlet for condense DN50 PN16
- M** Domestic cold water circuit inlet 2" G F
- N** Alternative domestic cold water circuit inlet or connection for more tanks in series 2" G F
- O** Drain 1" G F
- P** Upper heat exchanger flange
- Q** Lower heat exchanger flange

Model	Volume	Weight	De	Df	H	R1	R2	H1	H2	H3	H4	H5	H6	H7
	[lt]	[Kg]												
3000	2923	440	1350	1250	2811	2950	3130	140	551	686	776	866	951	1036
4000	3776	620	1500	1400	2875	3050	3250	114	570	690	795	900	970	1035
5000	4990	763	1700	1600	2915	3130	3380	94	580	700	805	910	980	1035

Model	H8	H9	H10	H11	H15	H16	H17	P-Q
3000	1386	1476	1566	1651	2316	2232	2391	Ø1300/Øe380
4000	1390	1495	1600	1670	2315	2238	2410	Ø1350/Øe430
5000	1400	1505	1610	1680	2335	2265	2420	Ø1350/Øe430

P.E.D. product designed and produced in conformity to the article 4.3 of directive 2014/68/UE - ErP Ecodesign directive 2009/125/CE