

BOLLY® 2 ST FB - WITH ALIGNED FRONT / BACK CONNECTIONS

POLYWARM® COATED DOMESTIC HOT WATER CALORIFIER WITH 2 FIXED HEAT EXCHANGERS



APPLICATION

Production and storage of domestic hot water (DHW).
All the connections are aligned on the front and on the back for quick and easy installation.

MATERIAL

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

HEAT EXCHANGER

2 Mild steel Polywarm® coated heat exchangers

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.

DRAIN

External confluence through drain connection. Models > 500 external confluence through drain connection.

GASKET- FLANGE PLATE

Silicone gaskets suitable for water intended for human consumption (tested according to 98/83/CE), max temperature up to 200°C. Mild steel inspection flange plate with Polywarm®.

WARRANTY

5 years (See general sales conditions and warranty)

ACCESSORIES AND SPARE PARTS

See Accessories section for the entire list.

NEW



POLYWARM®
COATED
DHW STORAGE



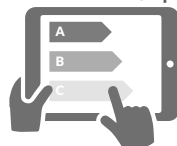
POLYWARM®
COATED
HEAT EXCHANGER



ALIGNED



cordivari.com/erp



On line ErP label tool

BOLLY® 2 ST FB WB

BOLLY® 2 ST FB WB		HEAT EXCHANGER SURFACE		ENERGY EFFICIENCY CLASS
Model	HARD FOAM INSULATION	Upper	Lower	
	Art. Nr.	[m²]		
150	3134162330011	0,4	0,6	B
200	3134162330012	0,5	0,8	B
300	3134162330013	0,7	1,2	B
400	3134162330014	1	1,5	C
500	3134162330015	1	1,8	C
800	3134162330016	1,6	2,7	B
1000	3134162330017	1,8	3,5	B
1500	3134162330018	1,9	3,8	C

BOLLY® 2 ST FB WC

BOLLY® 2 ST FB WC		HEAT EXCHANGER SURFACE		ENERGY EFFICIENCY CLASS
Model	DISMOUNTABLE SOFT FLEECE insulation	Upper	Lower	
	Art. Nr.	[m²]		
800	3138162320112	1,6	2,7	C
1000	3138162320113	1,8	3,5	C
1500	3138162320114	1,9	3,8	C

ACCESSORIES

ELECTRIC IMMERSION HEATERS

Mod.	Heated volume by electric immersion heater [lt]	MONOPHASE		
		1,5 kW	2 kW	3 kW
		52400000000051	52400000000052	52400000000053
Ignition time from 10 °C to 45 °C with electric immersion heaters [min]				
150	54	97	73	49
200	67	120	90	60
300	106	190	143	95
400	159	285	213	142
500	174	312	234	156
800	310	554	416	277
1000	390	698	524	349
1500	559	1002	751	501

THREEPHASE				
4 kW	5 kW	6 kW	9 kW	12 kW
52400000000047	52400000000048	52400000000049	52400000000050	52400000000031
Ignition time from 10 °C to 45 °C with electric immersion heaters [min]				
37	//	//	//	//
45	//	//	//	//
71	57	//	//	//
107	85	//	//	//
117	93	78	//	//
208	166	139	92	69
262	210	175	116	87
376	301	250	167	125

Electric immersion heater flange plate

See Accessories section



Titanium electronic anode

See Accessories section



Thermometer

Art. Nr.
5032240000107
5 units box



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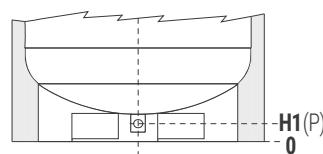
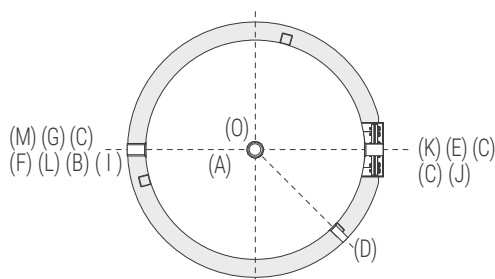
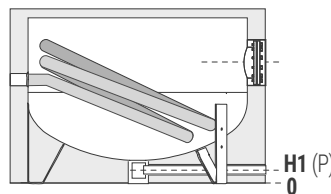
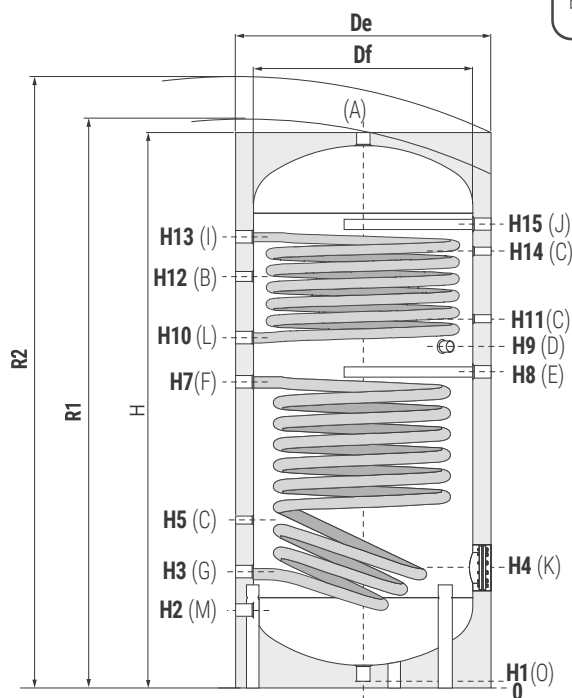
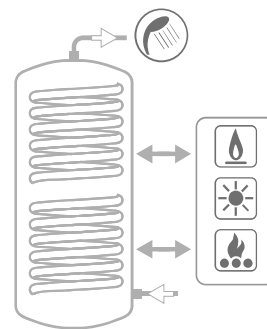
POLYWARM® COATED DOMESTIC HOT WATER CALORIFIER WITH 2 FIXED HEAT EXCHANGERS

	STORAGE		HEAT EXCHANGER	
Model	Pmax	Tmax	Pmax	Tmax
150 ÷ 800	10 bar	90 °C	12 bar	110 °C
1000 ÷ 1500	8 bar			



— 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.



A	Domestic hot water outlet
B	Recirculation
C	Connection for instrumentation 1/2" G F
D	Connection for electric immersion heater
E	Connection for magnesium anode 1 1/4 G F
F	Lower heat exchanger inlet 1 1/4 G F
G	Lower heat exchanger outlet 1 1/4 G F
I	Upper heat exchanger inlet 1 1/4 G F
J	Connection for 2nd magnesium anode 1 1/4 G F (only for models >500)
K	Flange for inspection
L	Upper heat exchanger outlet 1 1/4 G F
M	Domestic cold water circuit inlet
O	Drain 1" 1/4 F - For models ≤ 500
P	Drain - For models > 500

Models from 1500 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**.

BOLLY® 2 ST FB WB - HARD FOAM INSULATION

Model	Vol. Weight	DF	DE	H	R2	H1	H2	H3	H4	H5	H7	H8	H9	H10	H11	H12	H13	H14	H15	K	P	M	D	B	A
	[lt] [kg]	[mm]																				Connections F			
150	148 54	-	500	1414	1505	71	210	275	315	395	765	815	885	945	975	1065	1185	1185	//	Øi120/Øe180	-	3/4"	1 1/2"	3/4"	1 1/4"
200	189 65	-	550	1434	1540	71	220	285	325	405	811	855	915	960	985	1089	1195	1195	//	Øi120/Øe180	-	3/4"	1 1/2"	3/4"	1 1/4"
300	291 83	-	650	1486	1630	71	246	311	381	431	832	871	931	981	1011	1101	1221	1221	//	Øi120/Øe180	-	1"	1 1/2"	1"	1 1/4"
400	422 112	-	700	1766	1905	71	261	326	396	446	988	1033	1091	1143	1166	1286	1486	1486	//	Øi120/Øe180	-	1"	1 1/2"	1"	1 1/4"
500	498 134	-	750	1786	1945	71	271	346	411	466	1036	1076	1144	1186	1206	1331	1476	1476	//	Øi120/Øe180	-	1"	1 1/2"	1"	1 1/4"
800	789 232	750	900	2163	2350	101	338	428	483	548	1181	1243	1308	1362	1378	1598	1770	1708	1818	Øi170/Øe240	3/4"	1"	2"	1"	1 1/4"
1000	1038 272	850	1000	2217	2440	89	359	439	499	559	1279	1309	1364	1399	1444	1584	1819	1729	1839	Øi170/Øe240	3/4"	1 1/4"	2"	1"	1 1/2"
1500	1443 351	950	1100	2440	2685	109	340	425	575	545	1403	1450	1515	1550	1585	1825	2045	1965	2075	Øi300/Øe380	1"	1 1/2"	2"	1"	2"

BOLLY® 2 ST FB WC - DISMOUNTABLE SOFT FLEECE

Model	Vol. Weight		DF	DE	H	R1	R2	H1	H2	H3	H4	H5	[mm]										K	Connections F				
	[lt]	[kg]											H7	H8	H9	H10	H11	H12	H13	H14	H15	P		M	D	B	A	
800	789	232	750	950	2163	2205	2365	101	338	428	483	548	1181	1243	1308	1362	1378	1598	1770	1708	1818	Øi170/Øe240	3/4"	1"	2"	1"	1 1/4"	
1000	1038	272	850	1050	2217	2270	2455	89	359	439	499	559	1279	1309	1364	1399	1444	1584	1819	1729	1839	Øi170/Øe240	3/4"	1 1/4"	2"	1"	1 1/2"	
1500	1443	351	950	1150	2440	2500	2700	109	340	425	575	545	1403	1450	1515	1550	1585	1825	2045	1965	2075	Øi300/Øe380	1"	1 1/2"	2"	1"	2"	