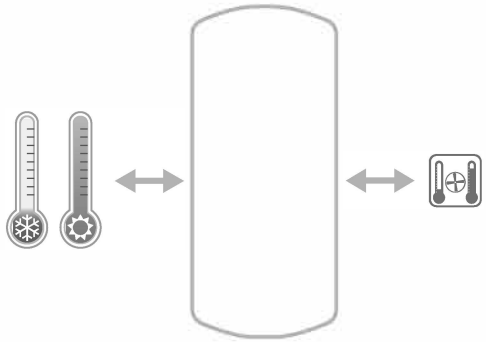
VOLANO TERMICO **CALDO-FREDDO R/C GB VT**

VERTICAL INERTIAL HOT/COLD WATER TANK

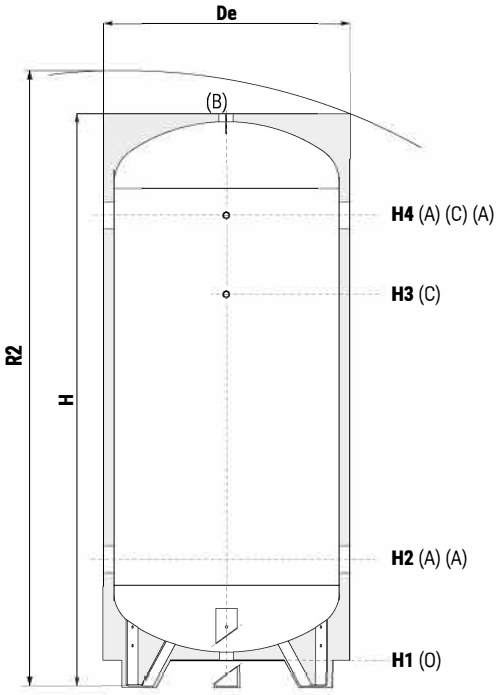
PRESSURE	TEMPERATURE
Pmax	Tmax
6 bar	-10 / +90 °C



Suitable for outdoor installation

APPLICATION AND TECHNICAL DESCRIPTION
Efficient storage of chilled or hot water in heat pump or chiller applications.
These buffers have an high thermal insulation and external lining with galvanized and painted metallic cover. The anti-corrosion treatment is not necessary being installed in closed systems. They are suited for installations that works with cold water during summer and hot water during winter.
They also allow to limit the number of switch on/off of the generator (either heat pump, chilled system or standard generator) increasing the thermal efficiency of the system and to have more stable temperatures.

MATERIAL
Mild steel
EXTERNAL LINING
Galvanized and painted metallic cover.
INSULATION
High thermal insulation with ecological polyurethane hard foam.
WARRANTY
2 years-See general sales conditions and warranty.



A	To the System
B	Safety Valve
C	Connection for instrumentation 1/2" G F
O	Drain

PROMPT AVAILABILITY

VOLANO TERMICO CALDO-FREDDO

Model	Art. Nr.	ENERGY EFFICIENCY CLASS (ErP)
100	3001162310501	**C**
200	3001162310502	**C**
300	3001162310503	**C**
500	3001162310524	**C**
800	3001162310529	**C**
1000	3001162310530	**C**
1500	3001162310527	**C**
2000	3001162310528	**C**

Model	Weight	Volume	De	H	R2	H1	H2	H3	H4	B-O	A	C
	[Kg]	[lt]				[mm]				Connections F		
100	32	101	460	1006	1115	73	287	592	792	1"1/4	1"1/2	1/2"
200	53	190	510	1407	1505	68	297	927	1177	1''1/4	1"1/2	1/2"
300	67	292	610	1518	1640	129	404	994	1244	1"1/4	2"	1/2"
500	101	501	750	1790	1945	80	400	1200	1450	1"1/4	3"	1/2"
800	147	788	850	2100	2270	80	430	1437	1730	1"1/4	3"	1/2"
1000	170	1034	950	2166	2370	80	463	1463	1763	1"1/2	3"	1/2"
1500	183	1432	1100	2366	2615	100	471	1681	1981	2"	3"	1/2"
2000	219	1970	1300	2436	2770	100	506	1716	2016	2"	3"	1/2"
800 (B)	147	788	900	2100	2290	80	430	1437	1730	1"1/4	3"	1/2"
1000 (B)	170	1034	1000	2166	2390	80	463	1463	1763	1"1/2	3"	1/2"

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

VOLANO TERMICO **PDC REVERSO**

HEATING WATER STORAGE BOTH FOR HOT AND COLD WATER INSTALLATIONS

TECHNICAL DESCRIPTION
VOLANO TERMICO PDC REVERSO is used in air conditioned systems to store cold water and also in heating systems to store hot heating water at high flow rate. Thanks to the aluminium external lining it is suitable for outdoor installation.

MATERIAL
Mild steel

APPLICATION
Buffer either for hot or cold water

ANTI-CORROSION TREATMENT
The anti-corrosion treatment is not necessary being installed in closed systems.

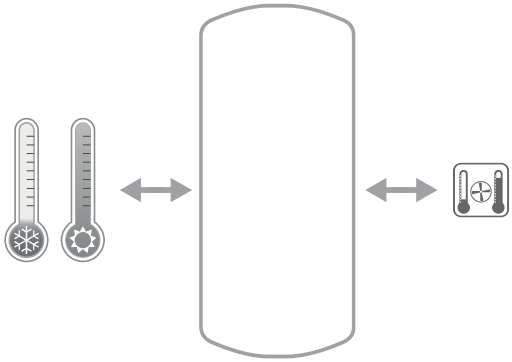
INSULATION
A layer of insulation not subject to condensation plus a second layer of polyester fleece, all sheltered by an aluminium external lining (removable so to ease the installation)

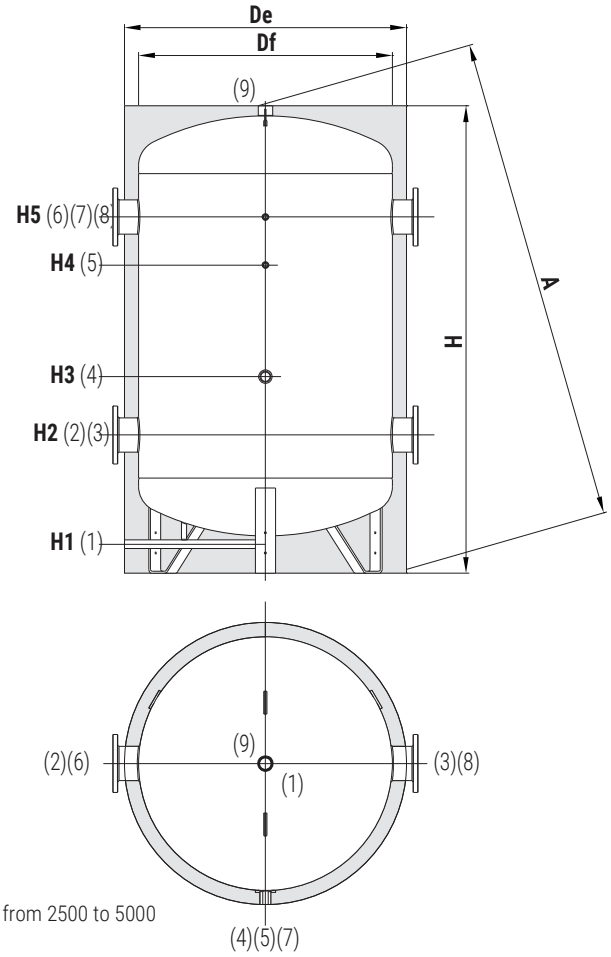
EXTERNAL LINING
Galvanized and painted metallic cover

CONNECTION FOR ELECTRICAL IMMERSION HEATER
1''1/2 conncetion for low temperature electrical immersion heater (thermostat from 0 to +50 °C) - see the table below.

WARRANTY
2 years
See general sales conditions and warranty.

PRESSURE	TEMPERATURE
Pmax	Tmax
4 bar	-10 / +90 °C





VOLANO TERMICO PDC

Model	**HARD FOAM** insulation
	Art. Nr.
2500	3001162310559
3000	3001162310560
4000	3001162310561

1	Drain
2	To the System
3	
6	
8	
4	Connection for electrical immersion 1"1/2 F
5	Connection for instrumentation 1/2" F
7	
9	To the System

Model	Weight	Volume	Df	De	H	A	H1	H2	H3	H4	H5	1	2 - 3 - 6 - 8	9
	[Kg]	[lt]	mm									Connections Gas F		
2500	397	2294	1250	1390	2304	2621	143	682	969	1519	1756	1"	DN150 PN16	2"
3000	432	2988	1400	1540	2378	2760	127	711	998	1448	1785	1"	DN150 PN16	2"
4000	494	3914	1600	1740	2386	2873	105	719	996	1426	1763	1"	DN150 PN16	2"

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