

VOLANO BS COOLING-HEATING

HARD-FOAM INSULATED BUFFER TANK IN MILD STEEL FOR COOLING-HEATING SYSTEMS



APPLICATION AND TECHNICAL DESCRIPTION

Storage of chilled or hot water for inverter installations.

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 suitable for installations that works with cold water during summer and hot water during winter.

They also allow to limit the number of on/off switch of the generator (either heat pump, chilled system or standard generator) increasing the thermic inertia of the system and to have more stable temperatures.

MATERIAL

Mild steel.

EXTERNAL LINING

Pre-painted galvanized metal sheet, grey color.

INSULATION

Polyurethane hard foam with high thermal insulation performance.

WARRANTY

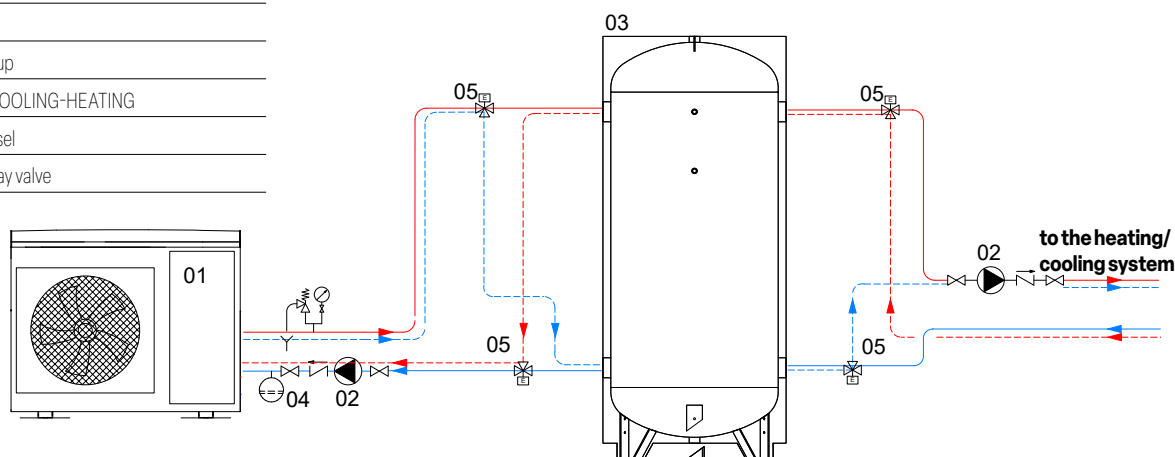
5 years – See general terms and conditions of sale.



	Installation type	Model	Art. Nr.	Energy efficiency class
 VOLANO BS COOLING-HEATING GBL PRE-PAINTED GALVANIZED METAL SHEET	 OUTDOOR	100	3001162310501	C
		200	3001162310502	C
		300	3001162310503	C
		500	3001162310524	C
		800	3001162310529	C
		1000	3001162310530	C
		1500	3001162310527	C
		2000	3001162310528	C
 VOLANO BS COOLING-HEATING GBL (class B) PRE-PAINTED GALVANIZED METAL SHEET	 OUTDOOR	800	3001162310525	B
		1000	3001162310526	B

EXAMPLE OF INSTALLATION WITH VOLANO BS COOLING-HEATING

01	Generator
02	Circulation group
03	VOLANO BS COOLING-HEATING
04	Expansion vessel
05	Motorized 3-way valve

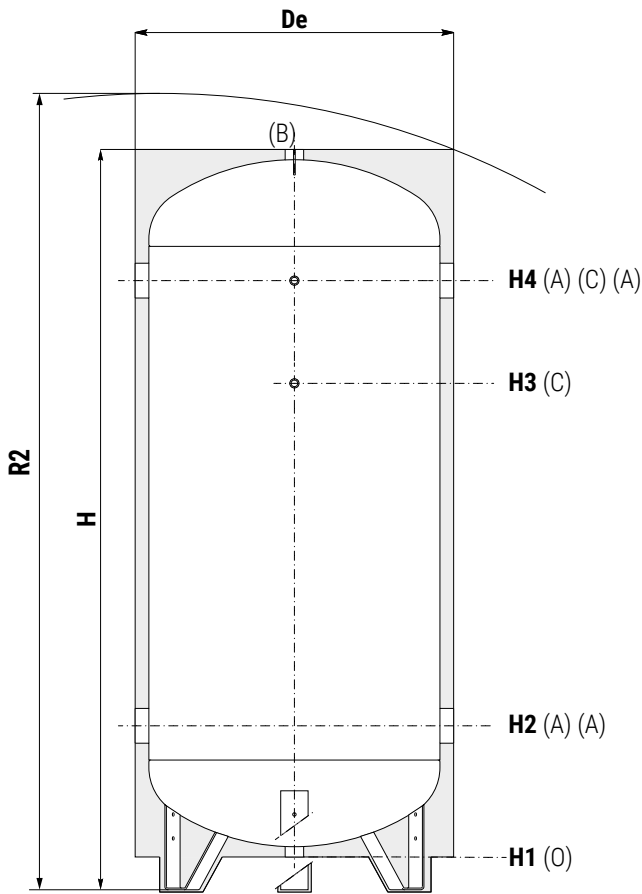
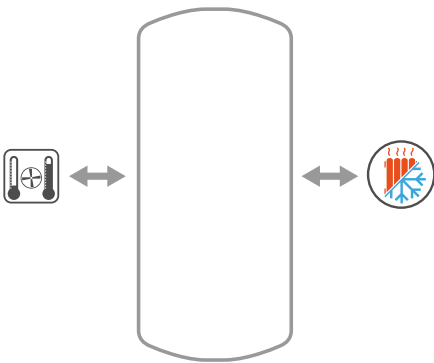


The following schemes are purely illustrative. To realize the installation, always refer to a qualified technician.

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PRESSURE	TEMPERATURE
Pmax	Tmin/Tmax
7 bar	-10 / +99 °C



- A System connections
- B Safety valve
- C Connection for instrumentation G 1/2" F
- O Drain

VOLANO BS COOLING-HEATING GBL

Model	Weight [Kg]	Volume [lt]	De	H	R2	H1	H2	H3	H4	B-O	A	C
						[mm]				Connections F		
100	32	101	450	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	620	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"

Products designed and manufactured for using within temperature and pressure limits in accordance to Art. 4.3 Directive 2014/68/EU (PED)