

VOLANO UP - POLYWARM®

HANGING SEPARATOR/BUFFER TANK HYDRAULIC SEPARATOR FOR HEAT PUMP WITH INTERNAL POLYWARM® FINISHING



NEW



TECHNICAL INFORMATION

Buffers either for hot or cold water have two main functions: they work both as hydraulic separator and buffer tank. The hydraulic separator makes the heat pump flow rates and terminals flow rates unconnected. The buffer function reduces the heat pump on/off switchings. Hanging energy buffer tanks are designed for wall installation.

MATERIAL

Internal Polywarm® finishing.

EXTERNAL LINING

- **VOLANO UP WBF**: Grey soft PVC cover.
- **VOLANO UP WBP**: Technopolymer cover suitable for outdoor installation.
- **VOLANO UP WBL**: Metal sheet cover protected by a special anticorrosive treatment suitable for outdoor installation (for A CLASS).

INSULATION

Polyurethane hard foam with high thermal insulation.

WARRANTY

5 years - See general terms and conditions.



4 CONNECTIONS	VOLANO UP WBF INTERNAL POLYWARM® FINISHING EXTERNAL LINING IN SOFT PVC	INDOOR	TYPE OF INSTALLATION	MODEL	ART. Nr.	ENERGY EFFICIENCY CLASS
				25 (7 gal)	3070160310001	B
				50 (13 gal)	3070160310002	B
				50 Low (13 gal)	3070160310005	B
				80 (21 gal)	3070160310003	B
				100 (26 gal)	3070160310004	B
	VOLANO UP WBP INTERNAL POLYWARM® FINISHING EXTERNAL LINING IN TECHNOPOLYMER	OUTDOOR		25 (7 gal)	3070160310020	B
				50 (13 gal)	3070160310021	B
				50 Low (13 gal)	3070160310019	B
				80 (21 gal)	3070160310022	B
				100 (26 gal)	3070160310023	B
	VOLANO UP WBL (A CLASS) INTERNAL POLYWARM® FINISHING EXTERNAL LINING IN METAL SHEET	OUTDOOR		25 (7 gal)	3070160310028	A
				50 (13 gal)	3070160310029	A
				100 (26 gal)	3070160310030	A

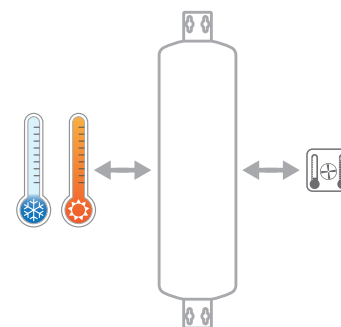
6 CONNECTIONS	VOLANO UP WBF INTERNAL POLYWARM® FINISHING EXTERNAL LINING IN SOFT PVC	INDOOR	TYPE OF INSTALLATION	MODEL	ART. Nr.	ENERGY EFFICIENCY CLASS
				25 (7 gal)	3070160310006	B
				50 (13 gal)	3070160310007	B
				80 (21 gal)	3070160310008	B
				100 (26 gal)	3070160310009	B
	VOLANO UP WBP INTERNAL POLYWARM® FINISHING EXTERNAL LINING IN TECHNOPOLYMER	OUTDOOR		25 (7 gal)	3070160310024	B
				50 (13 gal)	3070160310025	B
				80 (21 gal)	3070160310026	B
				100 (26 gal)	3070160310027	B

VOLANO UP - POLYWARM®

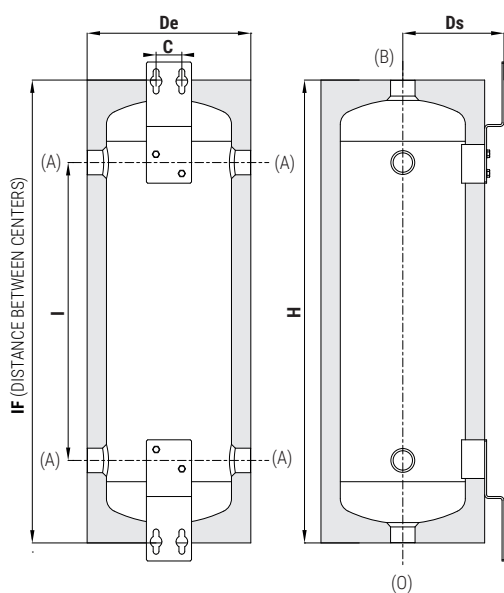
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PRESSURE	TEMPERATURE
Pmax	Tmin/Tmax
87 psi	14 / 194 °F

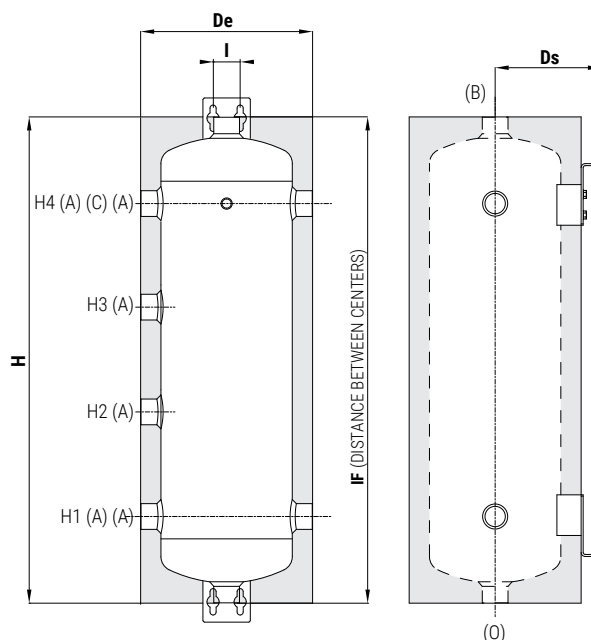
For installation examples see page 46



4 CONNECTIONS



6 CONNECTIONS



A System connection

B Safety valve

C Instrumentation 1/2"

O Drain

VOLANO UP (4 CONNECTIONS) - WBF WBP

Model	Volume [liters]	Weight [Kg]	De	Ds	H	I	IF	C	B-O	A
Connections F										
25	25	11	290	166	790	450	776	40	1"1/4	1"1/4
50	51	16	343	192	1000	600	996	40	1"1/4	1"1/4
50 Low	50	16	450	252	495	150	450	70	1"1/4	1"1/4
80	81	18	450	252	745	395	695	70	1"1/4	1"1/4
100	95	24	450	252	870	525	825	70	1"1/4	1"1/4

VOLANO UP (4 CONNECTIONS) - WBL (A CLASS)

Model	Volume [liters]	Weight [Kg]	De	Ds	H	I	IF	C	B-O	A
Connections F										
25	25	19,0	340	194	830	450	816	40	1"1/4	1"1/4
50	51	29,0	423	231	1040	600	1038	40	1"1/4	1"1/4
100	95	40,0	550	302	930	525	885	70	1"1/4	1"1/4

VOLANO UP (6 CONNECTIONS) - WBF WBP

Model	Volume [liters]	Weight [Kg]	De	H	H1	H2	H3	H4	IF	I	DS	B-O	A
Connections F													
25	25	14	290	790	170	320	470	620	776	40	166	1"1/4	1"1/4
50	51	19	343	1000	200	400	600	800	996	40	192	1"1/4	1"1/4
80	80	22	450	745	175	310	440	570	695	70	252	1"1/4	1"1/4
100	95	26	450	875	175	350	525	700	825	70	252	1"1/4	1"1/4