

VOLANO UP - MILD STEEL

HANGING SEPARATOR/BUFFER TANK FOR HEAT PUMP IN MILD STEEL



TECHNICAL DESCRIPTION

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

Mild steel.

EXTERNAL LINING

- VOLANO UP GBF : Grey PVC (for indoor installation).
- VOLANO UP GBP: Technopolymer coating suitable for outdoor installations.
- VOLANO UP GBL : External coating in metal sheet protected by a particular anticorrosive treatment (available for CLASS A models - suitable for outdoor installation).

INSULATION

High thermal insulation with ecological polyurethane hard foam.

WARRANTY

5 years - See general sales conditions and warranty.

**MILD
STEEL**



**NEW ACCESSORIES*
BASE-MOUNTED SUPPORT**

4 CONNECTIONS



VOLANO UP GBF
GREY PVC EXTERNAL LINING

Installation type



INDOOR

Model

Art. Nr.

Energy efficiency
class

8	3070160920006	B
12	3070160920004	B
25	3070160920001	B
25 Low	3070160920047	B
50	3070160920003	B
50 Low	3070160920043	B
80	3070160920018	B
100	3070160920019	B
Quantities (≥12pcs)	8	B
Quantities (≥12pcs)	12	B
Quantities (≥20pcs)	25	B
Quantities (≥10pcs)	50	B



VOLANO UP GBP
TECHNOPOLYMER EXTERNAL LINING



OUTDOOR

25	3070160920035	B
25 Low	3070160920048	B
50	3070160920036	B
50 Low	3070160920044	B
80	3070160920037	B
100	3070160920038	B
Quantities (≥10pcs)	50	B



VOLANO UP GBL (CLASS A)
METAL SHEET EXTERNAL LINING



OUTDOOR

12	3070160920020	A
25	3070160920021	A
50	3070160920022	A
100	3070160920024	A

6 CONNECTIONS



VOLANO UP GBF
GREY PVC EXTERNAL LINING

Installation type



INDOOR

Model

Art. Nr.

Energy efficiency
class

25	3070160920031	B
50	3070160920032	B
80	3070160920033	B
100	3070160920034	B
Quantities (≥20pcs)	25	B
Quantities (≥10pcs)	50	B



VOLANO UP GBP
TECHNOPOLYMER EXTERNAL LINING



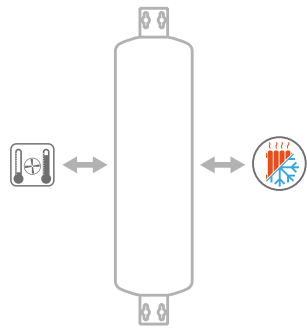
OUTDOOR

25	3070160920039	B
50	3070160920040	B
80	3070160920041	B
100	3070160920042	B

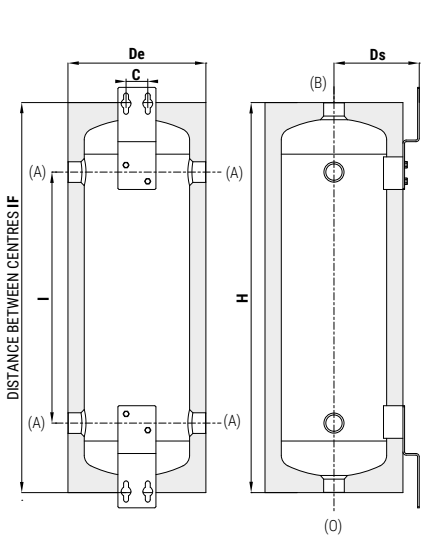
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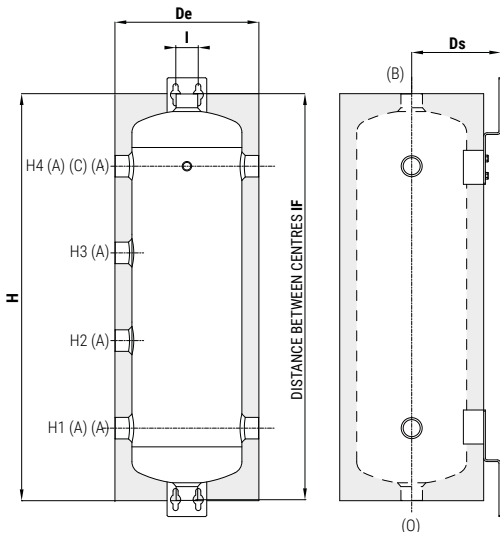
PRESSURE	TEMPERATURE
P _{max}	T _{min} /T _{max}
6 bar	-10 / +99 °C



4 CONNECTIONS



6 CONNECTIONS



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

VOLANO UP (4 CONNECTIONS)

Model	Volume [lt]	Weight [Kg]	De	Ds	H	I	IF	C	B-O	A
[mm]										
Connections F										
8	8,3	6,5	255	149	382	126	378	40	1"	1"
12	12,4	7,5	255	149	526	270	522	40	1"	1"
25	25	11	290	166	790	450	776	40	1"	1 1/4"
25 Low	25	9	343	192	535	245	511	40	1"	1 1/4"
50	51	16	343	192	1000	600	996	40	1"	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) - CLASS A

Model	Volume [lt]	Weight [Kg]	De	Ds	H	I	IF	C	B-O	A
[mm]										
Connections F										
12	12,4	13,5	344	193	566	270	562	40	1"	1"
25	25	19,0	340	194	830	450	816	40	1"	1 1/4"
50	51	29,0	423	231	1040	600	1038	40	1"	1 1/4"
100	95	40,0	550	302	930	525	885	70	1 1/4"	1 1/4"

VOLANO UP (6 CONNECTIONS)

Model	Volume [lt]	Weight [Kg]	De	H	H1	H2	H3	H4	IF	I	DS	B-O	A
[mm]													
Connections F													
25	25	14	290	790	170	320	470	620	776	40	166	1"	1 1/4"
50	51	19	343	1000	200	400	600	800	996	40	192	1"	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"

NEW FLOOR STANDING SUPPORT FOR VOLANO UP RANGE

Steel floor standing support + fixing screws

Art. Nr.	Suitable for model
5207321100001	25 - 25 low
5207321100002	50
Compatible with any type of external cladding and internal finish.	



Detail of the fastening

