

VOLANO UP - STAINLESS STEEL

HANGING SEPARATOR/BUFFER TANK HYDRAULIC SEPARATOR FOR HEAT PUMP IN STAINLESS STEEL



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

Stainless steel.

EXTERNAL LINING

- **VOLANO UP XBF**: Grey soft PVC cover.

- **VOLANO UP XBP**: Technopolymer cover suitable for outdoor installation.

INSULATION

Polyurethane hard foam with high thermal insulation.

WARRANTY

5 years - See general terms and conditions.

**STAINLESS
STEEL**

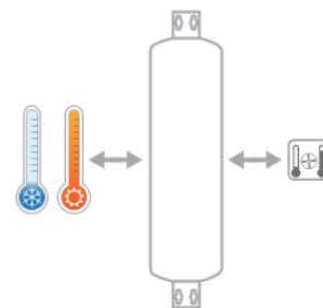
		TYPE OF INSTALLATION	MODEL	ART. Nr.	ENERGY EFFICIENCY CLASS
4 CONNECTIONS	 VOLANO UP XBF STAINLESS STEEL EXTERNAL LINING IN SOFT PVC	 INDOOR	25 (7 gal)	3001012310021	B
			30 Low (8 gal)	3001012310039	B
			50 (13 gal)	3001012310022	B
			50 Low (13 gal)	3001012310037	B
			80 (21 gal)	3001012310023	B
			100 (26 gal)	3001012310024	B
	 VOLANO UP XBP STAINLESS STEEL EXTERNAL LINING IN TECHNOPOLYMER	 OUTDOOR	25 (7 gal)	3001012310029	B
			30 Low (8 gal)	3001012310040	B
			50 (13 gal)	3001012310030	B
			50 Low (13 gal)	3001012310038	B
6 CONNECTIONS	 VOLANO UP XBF STAINLESS STEEL EXTERNAL LINING IN SOFT PVC	 INDOOR	25 (7 gal)	3001012310025	B
			50 (13 gal)	3001012310026	B
			80 (21 gal)	3001012310027	B
			100 (26 gal)	3001012310028	B
	 VOLANO UP XBP STAINLESS STEEL EXTERNAL LINING IN TECHNOPOLYMER	 OUTDOOR	25 (7 gal)	3001012310033	B
			50 (13 gal)	3001012310034	B
			80 (21 gal)	3001012310035	B
			100 (26 gal)	3001012310036	B

VOLANOUP - STAINLESS STEEL

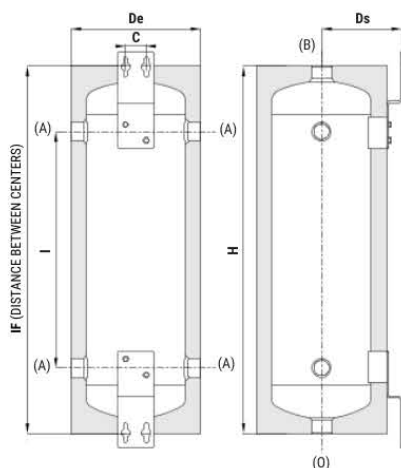
hanging separator/buffer tank hydraulic separator for heat pump in stainless steel

PRESSURE	TEMPERATURE
Pmax	Tmin/Tmax
87 psi	14 / 203 °F

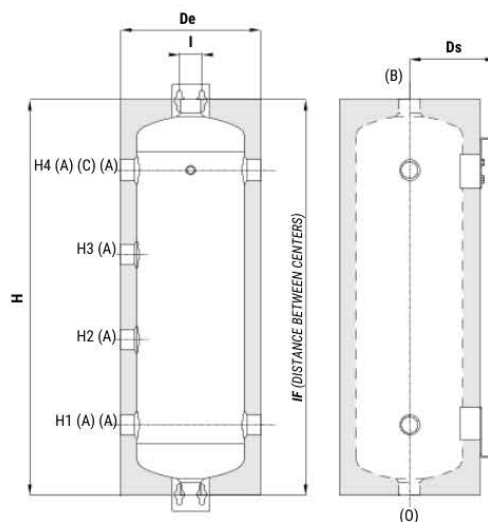
For installation examples see page 46



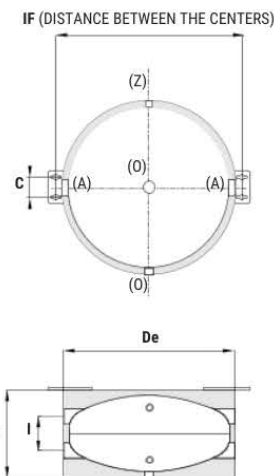
4 CONNECTIONS



6 CONNECTIONS



30 LOW (8 gal)



A	System connection
B	Safety valve
C	Instrumentation 1/2"
O	Drain
Z	Air purge 3/8"

VOLANO UP (4 CONNECTIONS) - XBF XBP

Model	Volume (gal)	Weight (lb)	De (in)	Ds (in)	H (in)	I (in)	IF (in)	BO (in)	Conn F	Conn A
8	2.2	14.3	10.0	5.9	15.0	5.0	14.9	1.6	1"	1"
12	3.3	16.5	10.0	5.9	20.7	10.6	20.6	1.6	1"	1"
25	6.6	24.3	11.4	6.5	31.1	17.7	30.6	1.6	1"	1"1/4
30 Low	7.9	38.6	21.7		10.4	3.8	24.4	2.8	1/2"	1"1/4
50	13.5	35.3	13.5	7.6	39.4	23.6	39.2	1.6	1"	1"1/4
50 Low	13.2	35.3	17.7	9.9	19.5	5.9	17.7	2.8	1"1/4	1"1/4
80	21.4	39.7	17.7	9.9	29.3	15.6	27.4	2.8	1"1/4	1"1/4
100	25.1	52.9	17.7	9.9	34.3	20.7	32.5	2.8	1"1/4	1"1/4

VOLANO UP (6 CONNECTIONS) - XBF XBP

Model	Volume (gal)	Weight (lb)	De (in)	H (in)	H1 (in)	H2 (in)	H3 (in)	H4 (in)	IF (in)	I (in)	Ds (in)	Conn_F	Conn_A
25	6.6	30.86	11.42	31.1	6.69	12.6	18.5	24.41	30.55	1.57	6.54	1"	1"1/4
50	13.47	41.89	13.5	39.37	7.87	15.75	23.62	31.5	39.21	1.57	7.56	1"	1"1/4
80	21.13	48.5	17.72	29.33	6.89	12.2	17.32	22.44	27.36	2.76	9.92	1"1/4	1"1/4
100	25.1	57.32	17.72	34.45	6.89	13.78	20.67	27.56	32.48	2.76	9.92	1"1/4	1"1/4