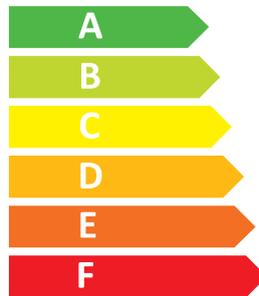


SUNSYSTEM BUFFER TANK for heat pump systems



Buffer tank for heat pump systems- for the accumulation of hot or cold heat transfer medium generated by a heat pump. It can also be used in heating installations as a buffer tank. Performing the role of batteries and hydraulic equalizer, prevents frequent switching on and off of the heat pump, as well as proportional hydraulic load between the different circuits of the system.

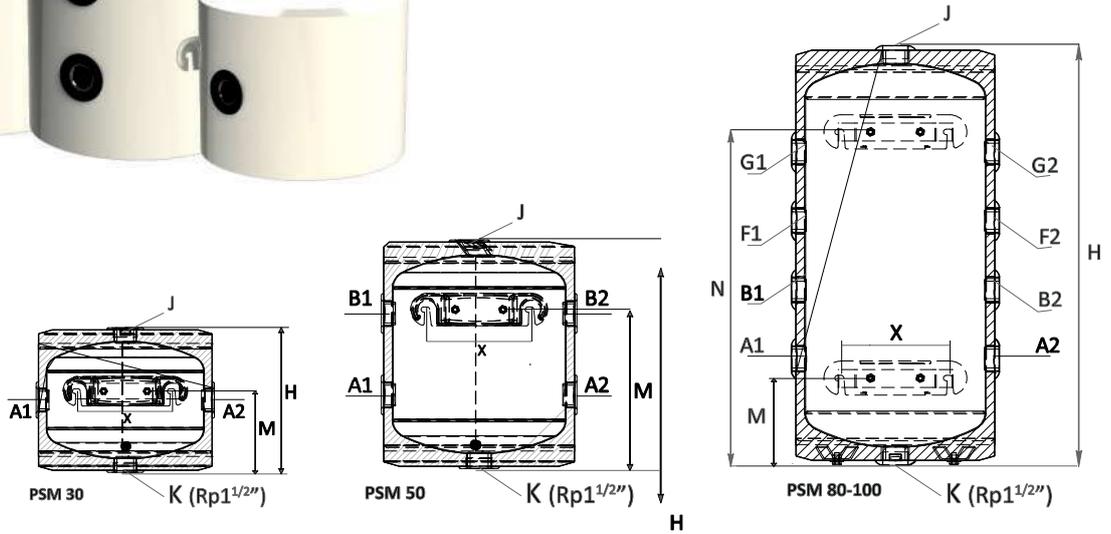


Energy efficiency
Directive 2010/30/EU,
Regulation 812/2013:Class C

Insulation	Hard PU and outer steel sheathing with powder coating – RAL 9003.
Water tank	Water tank of low-carbon steel S235JR. Operating pressure: 6 bar Maximum temperature: 7 - 95°C
Inlets / Outlets	From 4 to 10 pcs. 1 ½" terminals to bind to installations. The connections are at 180 degrees, and there is also 1 pcs. Additional leads on the top and bottom.
Installation	The models of 30 and 50 liter are intended for wall mounting, and the 80 and 100 for both wall and floor. In addition, there are additional legs that are mounted on the bottom.

SERIES PSM

TECHNICAL PARAMETERS



General parameters

	D mm Ø	H/Hi mm	
30	ø440	360	13
50	ø440	520	17
80	ø440	755	25
100	ø440	915	29

Heat-exchanger coil

S1 m ²	S1 L	S1 kW (m ³ /h)	S1 Δp, mbar	S1i/S1o mm Rp1"
3.3	20.4	90 (2.21)	230	1476/228
3.9	23.6	115 (2.70)	379	1390/260
4.6	28.3	130 (3.19)	569	1626/250
4.6	28.3	130 (3.19)	569	1626/250

PSM

Inlets / Outlets

A1 mm Rp1/2"	B1 mm Rp1/2"	F1 mm Rp1/2"	G1 mm Rp1/2"	J mm Rp1 1/2"	M mm Rp1 1/2"	N mm Rp1 1/2"	X mm Rp1 1/2"	C4 mm Rp1 1/2"	C5 mm Rp1 1/2"	C6 mm Rp1 1/2"	C7 mm Rp1 1/2"	C8 mm Rp1 1/2"	C9 mm Rp1 1/2"
180	-	-	-	360	-	210	240	485	885	885	1125	1125	1310
170	355	-	-	520	-	365	240	725	1165	1165	1525	1525	1710
190	315	440	570	755	160	560	240	485	885	885	1125	1125	1310
230	380	535	690	915	160	760	240	725	1165	1165	1525	1525	1710

PSM

General parameters
L Capacity
H, mm Height
øD / Di, mm Diameter without insulation / with insulation
kg Weight

Inlets / Outlets
A1, mm Connection
B1, mm Connection
F1, mm Heat carrier
G1, mm Connection
J, mm Connection
N, mm Size
M, mm Size
X, mm Distance between wall mounting holes