



HEATING WATER BUFFER TANK PR2

for Production and Storage of hot water for space heating

Used to improve performance of heating systems. Allows utilization of up to 3 external heat sources and an internal electrical back-up heater.

Product Features

Range of volumes of 300-2500 liters

Upright storage tank made of steel S235JR

Primer coated on the outside

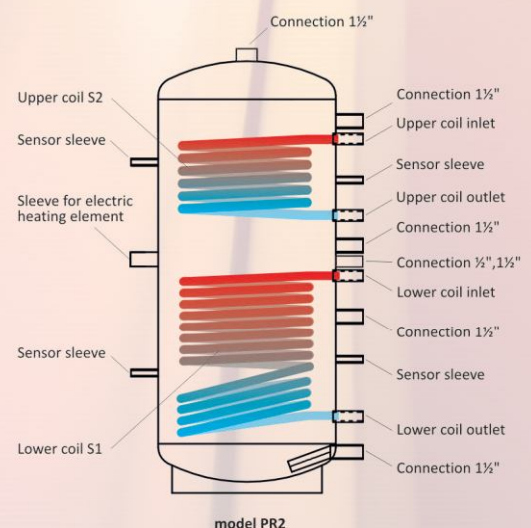
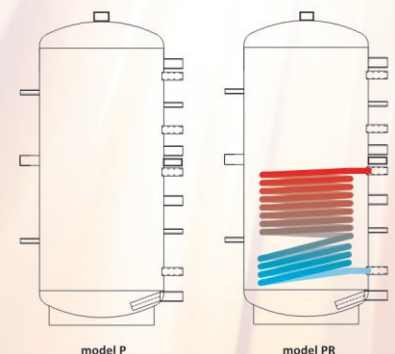
CFC free soft PU-foam insulation with thickness of 100 mm and PVC coating in RAL 9006 or other colors on demand

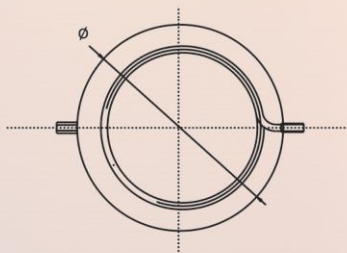
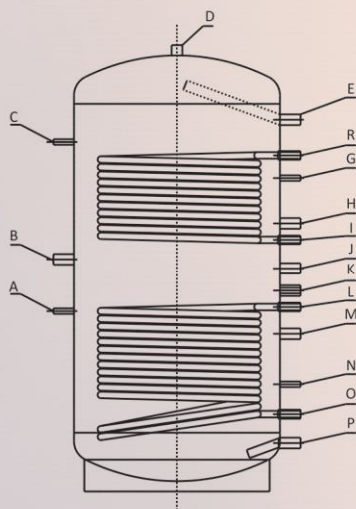
All threads are internal

Two heat exchanger coils for connection to multiple types of heat sources

Option for installing a heating element as back-up source of heat

Compressive strength 3 bar





Technical specification:

Model		PR2 300	PR2 500	PR2 800	PR2 1000	PR2 1500	PR2 2000	PR2 2500
Volume	l	300	500	800	1000	1500	2000	2500
Diameter / w. insulation	mm	550/750	650/850	790/990	790/990	1000/1200	1150/1350	1150/1350
Height / w. insulation	mm	1410/1460	1610/1660	1860/1910	2040/2090	2170/2220	2200/2250	2680/2730
Mounting height	mm	1430	1640	1900	2075	2220	2260	2730
Lower coil S1 Heat exchanging surface	m ²	1.0	1.7	2.9	3.0	3.4	4.0	4.0
Volume	l	6.2	10.5	17.9	18.5	21.0	24.6	24.6
Upper coil S2 Heat exchanging surface	m ²	0.5	1.0	1.8	2.0	2.4	2.4	2.4
Volume	l	3.1	6.2	11.1	12.3	14.8	14.8	14.8
Operating pressure /Coils temperature	bar/°C	16/110	16/110	16/110	16/110	16/110	16/110	16/110
Operating pressure /Buffer temperature	bar/°C	3/95	3/95	3/95	3/95	3/95	3/95	3/95
Recommendable size of boiler connected to the buffer	kW	6-10	10-17	15-27	18-33	27-50	36-67	45-83
Sensor sleeve ½"	A	410	410	570	580	875	920	920
Sleeve for heating element 1½"	B	760	790	920	1130	1130	1170	1170
Sensor sleeve ½"	C	1060	1120	1290	1500	1700	1690	1690
Connection 1½"	D	1410	1610	1860	2040	2170	2200	2680
Connection 1½"	E	1170	1370	1573	1742	1808	1820	2300
Upper coil inlet 1"	R	1080	1270	1390	1520	1635	1670	1920
Sensor sleeve ½"	G	1010	1120	1290	1450	1525	1590	1867
Connection 1½"	H	880	990	-	-	1305	1420	1670
Upper coil outlet 1"	I	880	990	1072	1172	1225	1310	1560
Connection 1½"	J	770	880	980	1060	1085	1170	1420
Connection ½",1½"	K	-	-	-	-	975 (½")	-	1170 (1½")
Lower coil inlet 1"	L	660	770	820	880	895	980	980
Connection 1½"	M	540	620	670	730	765	735	735
Sensor sleeve ½"	N	420	460	465	495	520	500	500
Lower coil outlet 1"	O	260	250	310	310	375	380	380
Connection 1½"	P	150	150	170	170	235	230	230
Weight	kg	100	140	185	220	348	456	497

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