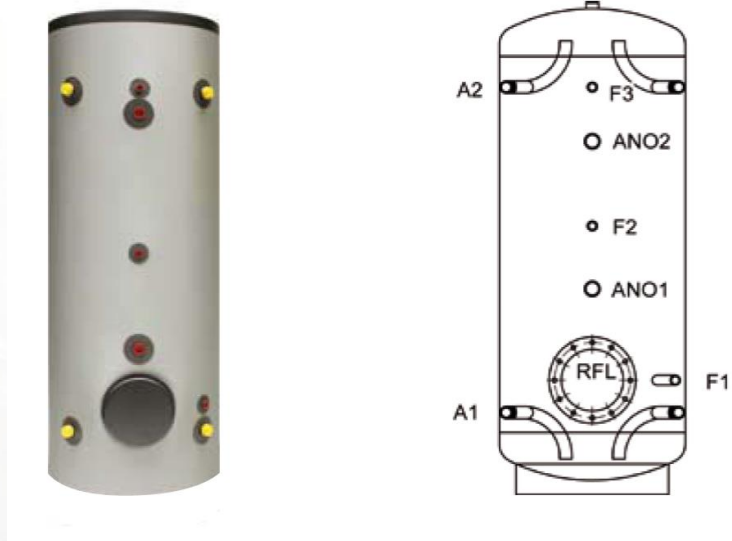


# Theramat PSB System Buffer Vessels 200–2000L.



- Bare Steel System Buffer Vessels.
- Operating Pressure 10 bar.
- Four threaded tappings as standard, Flanges available to order.
- CFC free insulation 80mm thick <800L. 100mm thick >850L.
- Inspection flange opening as standard. Immersion heater mounting via flange plate.

Storage tank model	PSB	200	300	400	500	500	750	1000	1500	2000
Capacity	[litre]	200	300	400	500	500	750	1000	1500	2000
∅ without insulation	[mm]	550	550	600	600	650	750	850	1000	1100
∅ with insulation	[mm]	710	710	760	800	850	950	1050	1200	1300
Insulation	[mm]	80	80	80	100	100	100	100	100	100
Height with insulation	[mm]	1050	1530	1610	1960	1770	1970	2010	2250	2410
Tilted height	[mm]	1080	1550	1590	1920	1750	1945	2090	2260	2440
max. T / max. p	[°C / bar]	95 / 10	95 / 10	95 / 10	95 / 10	95 / 10	95 / 10	95 / 10	95 / 10	95 / 10
Filling /draining connections (A1–A2), internal thread	[“]	1	1	1	1.25	1.5	1.25	1.25	2	2
Electric heating,		Via Access Flange								
Nominal width of the inspection flange	[mm]	DN200	DN200	DN200	DN200	DN200	DN200	DN200	DN200	DN200
Connections for sensors / regulators	[“]	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Thermometer connection	[“]	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Ventilation, internal thread	[“]	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Height above floor level										
A1	[mm]	215	215	245	245	245	265	285	340	365
RFL, F1	[mm]	320	320	350	350	350	370	390	445	470
ANO1	[mm]	-	570	600	600	600	620	640	654	670
F2	[mm]	550	820	850	980	850	950	920	1100	1185
ANO2	[mm]	690	1170	1200	1530	1365	1500	1470	1760	1905
A2, F3	[mm]	790	1270	1300	1630	1465	1600	1570	1860	2005
Weight * Without insulation	[kg]	90	118	129	160	160	225*	305*	390*	485*

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