

Therammat SP System Buffer Vessels 200-3000L.



- Bare Steel System Buffer Vessels.
- Eight threaded tappings as standard, Flanges available to order.
- 80mm thick CFC free insulation <800L. 100mm thick >850L.
- Optional inspection flange opening available. Immersion heater mounting via flange plate.

Storage tank model	SP / SP-F	200	300	400	500	800	850	1000 D= 790	1000 D = 850	1100	1500	1650	2000	2200	3000
Capacity	[litre]	200	300	400	500	800	850	1000	1000	1100	1500	1650	2000	2200	3000
Diameter without insulation	[mm]	550	550	600	650	790	790	790	850	850	1000	1100	1100	1150	1150
Diameter with insulation	[mm]	710	710	760	810	990	990	990	1050	1050	1200	1300	1300	1350	1350
Insulation	[mm]	80	80	80	80	100	100	100	100	100	100	100	100	100	100
Height with insulation	[mm]	1050	1530	1590	1700	1802	1970	2202	2000	2160	2130	1980	2410	2360	3160
Tilted height	[mm]	1050	1530	1570	1710	1780	1990	2180	2000	2165	2150	2080	2450	2430	3170
max. T / max. P**	[°C / bar]	95 / 3	95 / 3	95 / 3	95 / 3	95 / 3	95 / 3	95 / 3	95 / 3	95 / 3	95 / 3	95 / 3	95 / 3	95 / 3	95 / 3
Filling /draining connections (A1–A4), internal thread	[“]														
		for all storage tanks: Rp 1½													
Electric heating, for SP-F only	[“]														
		for all storage tanks: Via the inspection flange													
Nominal width of the inspection flange (RFL), for SP-F only															
		for all storage tanks: DN 200													
Connections for sensors / regulators															
		for all storage tanks: Sensor terminal block													
Thermometer connection															
		for all storage tanks: M8 thermometer optional													
Ventilation, internal thread	[“]														
		for all storage tanks: Rp 1¼													
A1 Dimensions Height above floor level	[mm]	215	215	225	245	246	263	246	280	285	320	335	365	345	375
RFL	[mm]	320	320	330	350	351	368	351	385	390	425	440	470	450	480
A2	[mm]	405	560	585	645	646	718	786	735	790	786	748	905	875	1165
A3	[mm]	595	905	945	1045	1046	1173	1326	1195	1295	1253	1161	1445	1405	1955
A4	[mm]	785	1245	1315	1405	1446	1633	1866	1650	1805	1720	1575	1985	1945	2745
Weight * Without Insulation	[kg]	49	80	88	95	143*	147*	150*	150*	156*	211*	230*	270*	285*	348*

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