



BUFFER TANKS – WITHOUT COIL

Accumulates the heat generated by boiler; recommended for each space-heating system. Ensures optimum operating mode of biomass boiler, permitting its functioning at nominal power output even when the heating system does not need all the heat energy produced thereby.

Produced heat is accumulated and stored inside the buffer tank and can be used even when the boiler itself has cooled down.

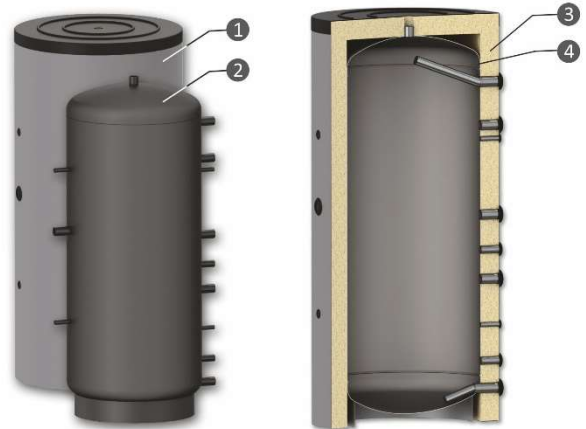
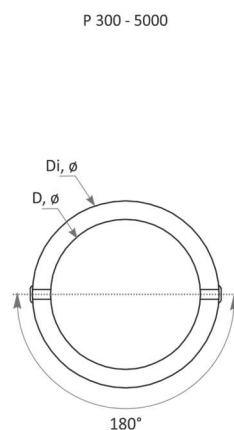
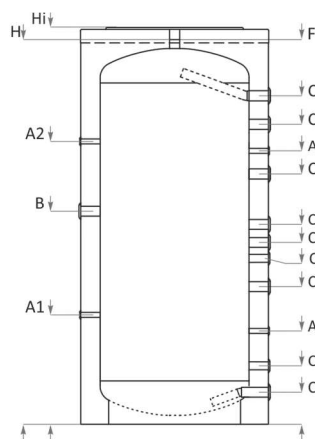
PRODUCT FEATURES:

- Removable high efficiency insulation with thickness 100 mm and outer casing of PVC with RAL 9006 color
- Multi-position mounting of temperature sensor
- Primer coated on the outside of the tank
- All threads are internal
- inlet / Outlet connections – at 180 angle degrees
- Easy installation

ELEMENTS:

- 1 – Aesthetic PVC jacket with color RAL 9006
- 2 – Primer coated outer surface
- 3 – Removable insulation
- 4 – Water tank of low-carbon steel

TECHNICAL SPECIFICATIONS



		P 300	P 500	P 800	P 1000	P 1500	P 2000
Capacity	L	300	500	800	1000	1500	2000
Height without insulation / with insulation	H, Hi, mm	1410/ 1460	1610/ 1660	1860/ 1910	2040/ 2090	2150/2220	2132/2182
Minimal vertical clearance	mm	1430	1640	1900	2075	2220	2220
Diameter without insulation /with insulation	D, mm	Ø 650/ 750	Ø 650/ 850	Ø 790/ 990	Ø 790/ 990	Ø 1000/ 1200	Ø 1200/1400
Operating pressure/Max. buffer temperature	bar/°C	3/95	3/95	3/95	3/95	3/95	3/95
Recommended boiler size, connected to buffer tank	kW	6-10	10-17	15-27	18-33	27-50	36-67
Weight without insulation/with insulation	kg, kg i	60/70	90/102	118/134	133/151	206/229	273/300
Sleeve for Electric heating element	B, mm, Rp 1 1/2"	760	790	920	1130	1130	1170
Heat carrier	C1, mm, Rp1 1/2"	1170	1370	1573	1742	1808	1775
Heat carrier	C2, mm, Rp1 1/2"			1390	1520	1635	
Heat carrier	C3, mm, Rp1 1/2"	880	990			1305	1420
Heat carrier	C4, mm, Rp1 1/2"	770	880	980	1060	1085	1170
Heat carrier	C5, mm, Rp1 1/2"	540	620	670	730	765	735
Heat carrier	C6, mm, Rp1 1/2"	150	150	170	170	235	230
Heat carrier	C7, mm,					Rp1 1/2"/975	
Heat carrier	C8, mm, Rp1 1/2"	660	770	820	880	895	980
Heat carrier	C9, mm, Rp1 1/2"	260	250	310	310	375	380
Sensor sleeve	A1, mm, Rp1/2"	410	410	570	580	875	920
Sensor sleeve	A2, mm, Rp1/2"	1060	1120	1290	1500	1500	1645

Sensor sleeve	A3, mm, Rp1/2"	1010	1120	1290	1450	1525	1625
Sensor sleeve	A4, mm, Rp1/2"	420	460	465	495	520	500
Air vent sleeve	F, mm, Rp1 1/2"	1410	1610	1860	2040	2150	2132