

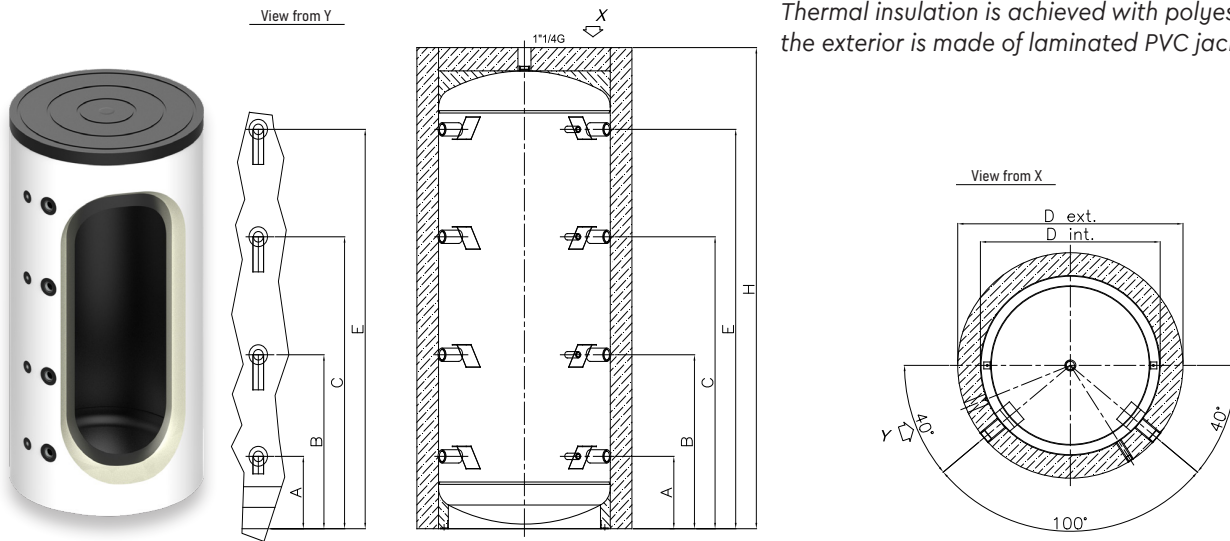
Storage tank – PUFFER



W-PF 300 | 500 | 800 | 1000 | 1500 | 2000 | 2500 | 3000 | 4000 | 5000



S235JR carbon steel raw tank.
 These models are used for the storage of technical (non-potable) water.
 Thermal insulation is achieved with polyester fibre, the exterior is made of laminated PVC jacket.



SPECIFICATIONS		300	500	800	1000	1500	2000	2500	3000	4000	5000
Capacity	[l]	305	470	735	885	1470	2006	2364	2692	3968	4943
Total height with insulation (H)	[mm]	1510	1640	1750	2050	2150	2408	2265	2515	2370	2895
Tipping height *without insulation	[mm]	1490*	1630*	1770*	2060*	2190*	2460*	2340*	2610*	2640*	3090*
Diameter with insulation (Dext) without insulation (Dint)	[mm]	750 (550)	850 (650)	990 (790)	990 (790)	1200 (1000)	1300 (1100)	1450 (1250)	1450 (1250)	1800 (1600)	1800 (1600)
Insulation	[mm]	100 (Polyester fibre)									
Energy class – Total dispersion		C 85W	C 106W	C 111W	C 123W	C 163W	C 173W	E 266W	E 284W	E 373W	E 417W
Weight	[Kg]	64	78	118	135	197	254	288	315	540	630
Max tank pressure	[bar]	6									
Max tank temperature	[°C]	95°									

QUOTAS	A	B	C	E
W-PF-300	210	550	890	1225
W-PF-500	210	605	995	1345
W-PF-800	260	630	1030	1430
W-PF-1000	310	745	1250	1710
W-PF-1500	372	817	1342	1752
W-PF-2000	328	885	1441	1998
W-PF-2500	390	870	1345	1820
W-PF-3000	390	950	1510	2070
W-PF-4000	495	955	1415	1875
W-PF-5000	495	1120	1745	2375

COUPLINGS	Free Connections				Probe couplings	Vent
	A	B	C	E	A-B-C-E	H
mod.300÷2500	1" 1/2 G	1" 1/2 G	1" 1/2 G	1" 1/2 G	1/2" G	1" 1/4 G
mod.3000÷5000	2" G	2" G	2" G	2" G	1/2" G	1" 1/4 G

Storage tank – PUFFER₁

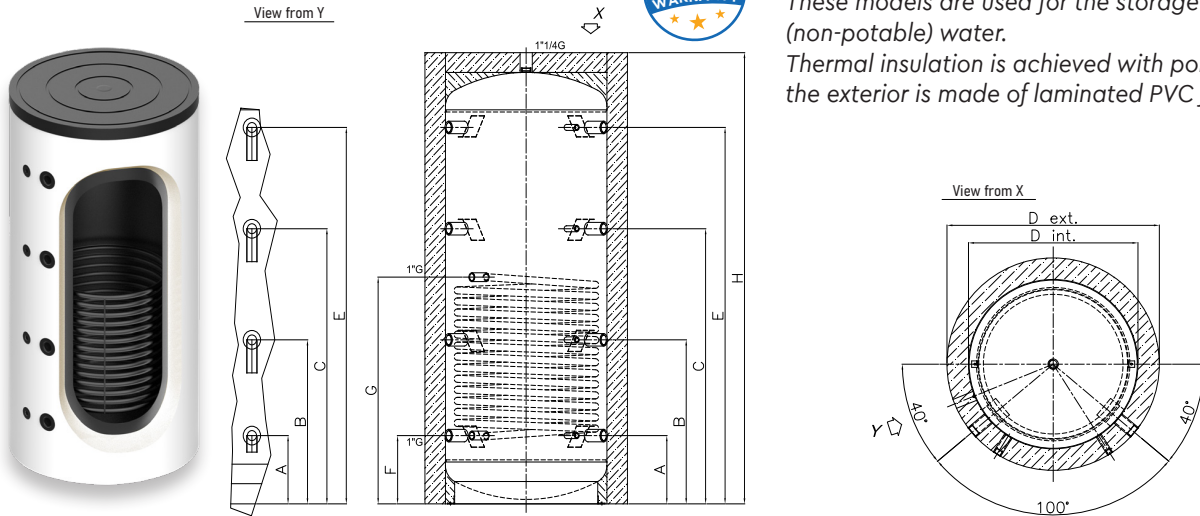


W-PF1 300 | 500 | 800 | 1000 | 1500 | 2000 | 2500 | 3000 | 4000 | 5000



S235JR carbon steel raw tank, with 1 exchanger.
These models are used for the storage of technical (non-potable) water.

Thermal insulation is achieved with polyester fibre, the exterior is made of laminated PVC jacket.



SPECIFICATIONS		300	500	800	1000	1500	2000	2500	3000	4000	5000
Capacity	[l]	296	459	720	866	1448	1980	2338	2660	3939	4913
Total height with insulation (H)	[mm]	1510	1640	1750	2050	2150	2408	2265	2515	2370	2895
Tipping height *without insulation	[mm]	1490*	1630*	1770*	2060*	2190*	2460*	2340*	2610*	2640*	3090*
Diameter with insulation (Dext) without insulation (Dint)	[mm]	750 (550)	850 (650)	990 (790)	990 (790)	1200 (1000)	1300 (1100)	1450 (1250)	1450 (1250)	1800 (1600)	1800 (1600)
Insulation	[mm]	100 (Polyester fibre)									
Energy class – Total dispersion		C 87W	C 108W	C 112W	C 124W	C 164W	C 175W	E 267W	E 292W	E 374W	E 418W
Weight	[Kg]	85	106	155	180	251	320	356	390	610	705
Max tank pressure		6									
Max tank temperature		95°									
Max exchanger temperature	[°C]	110°									
Exchanger surface	[m ²]	1,5	1,8	2,4	3,0	3,6	4,2	4,2	5,0	5,0	5,0
Serpentine water content	[l]	9,5	11,4	14,7	18,5	22,2	26,6	26,6	30,8	29,6	29,6

QUOTAS	A	B	C	E	F	G
W-PF1-300	210	550	890	1225	210	660
W-PF1-500	210	605	995	1345	210	1105
W-PF1-800	260	630	1030	1430	260	930
W-PF1-1000	310	745	1250	1710	310	1030
W-PF1-1500	372	817	1342	1752	372	1172
W-PF1-2000	328	885	1441	1998	328	1131
W-PF1-2500	390	870	1345	1820	390	1193
W-PF1-3000	390	950	1510	2070	390	1140
W-PF1-4000	495	955	1415	1875	495	1265
W-PF1-5000	495	1120	1745	2375	495	1265

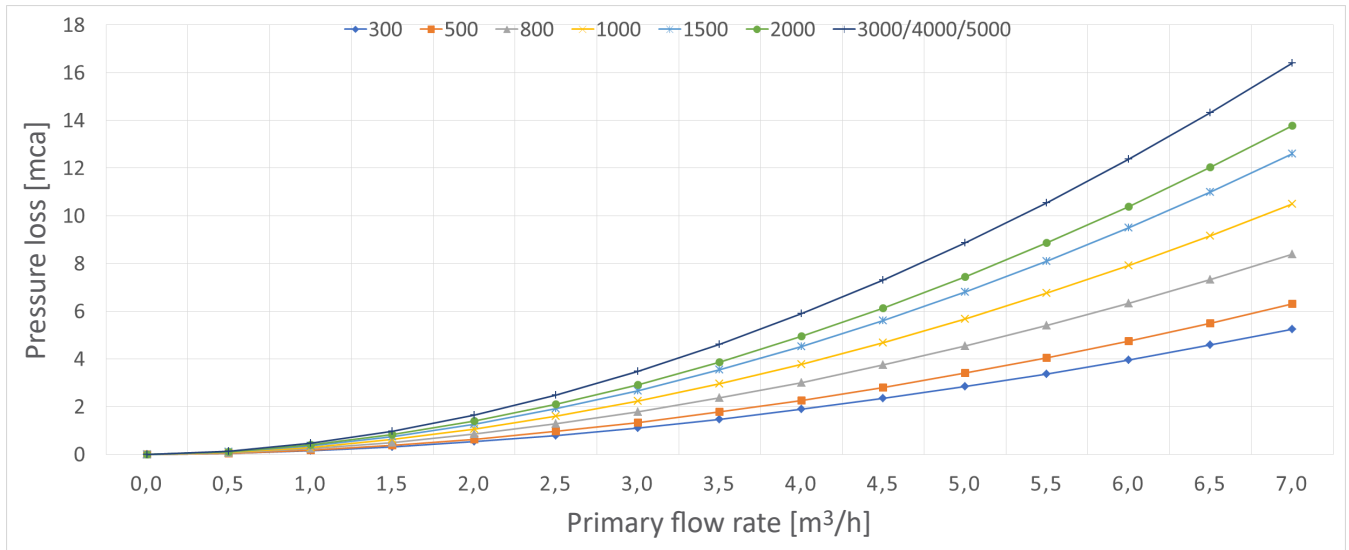
COUPLINGS	Free Connections				Serpentine return	Serpentine output	Probe couplings	Vent
	A	B	C	E	F	G	A-B-C-E	H
mod.300÷2500	1" 1/2 G	1" 1/2 G	1" 1/2 G	1" 1/2 G	1" G	1" G	1/2" G	1" 1/4 G
mod.3000÷5000	2" G	2" G	2" G	2" G	1" G	1" G	1/2" G	1" 1/4 G

Storage tank - PUFFER₁

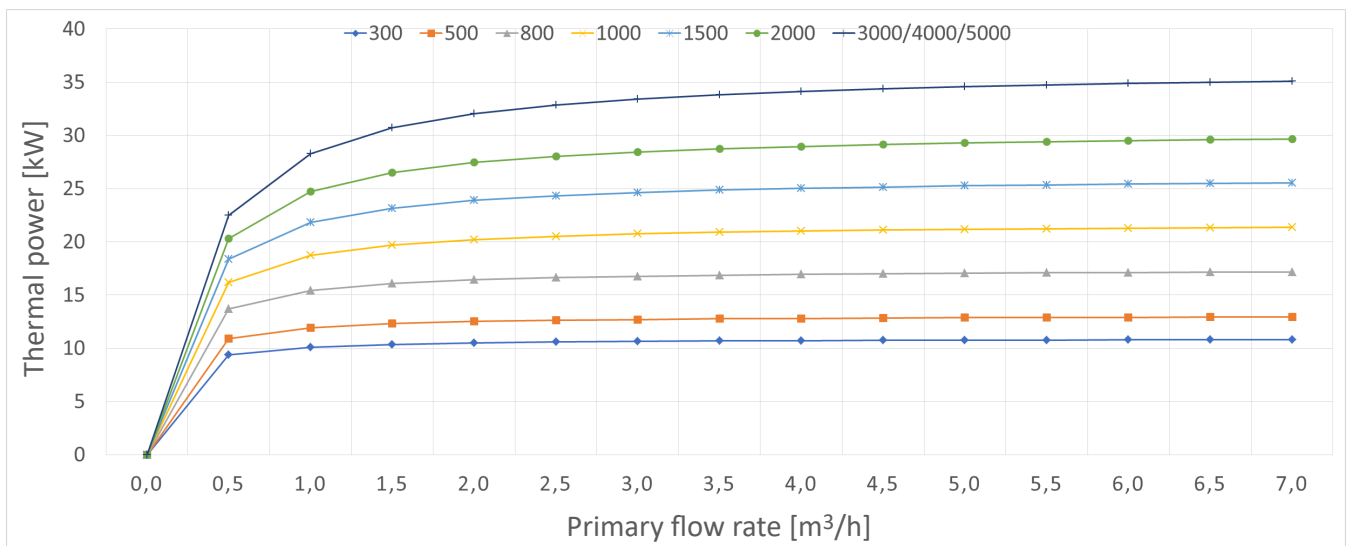


W-PF1 300 | 500 | 800 | 1000 | 1500 | 2000 | 2500 | 3000 | 4000 | 5000

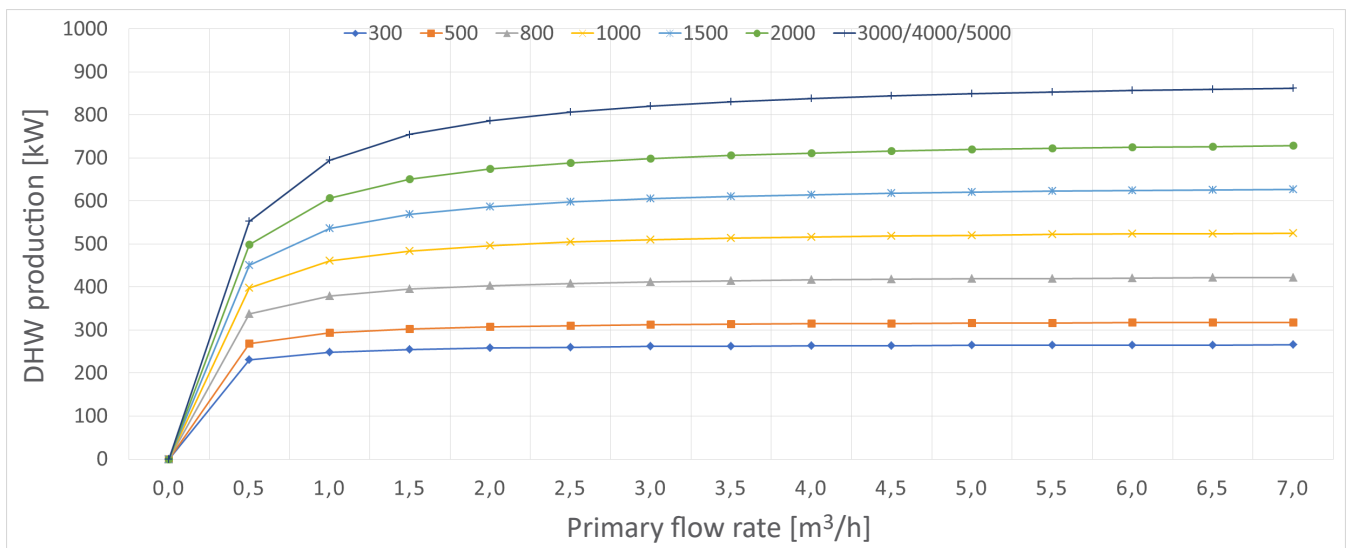
PRESSURE LOSSES DIAGRAM



THERMAL PERFORMANCE DIAGRAM



DHW PRODUCTION

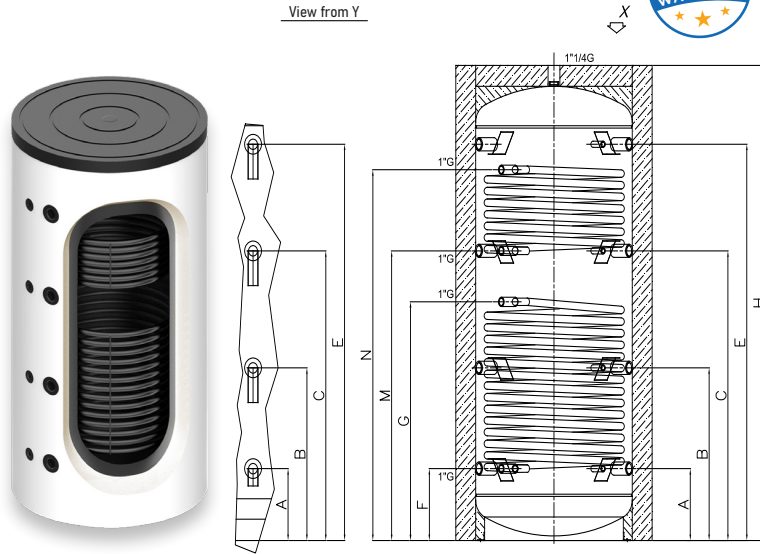


Storage tank – PUFFER2

W-PF2 500 | 800 | 1000 | 1500 | 2000



S235JR carbon steel raw tank, with 2 exchangers. These models are used for the storage of technical (non-potable) water. Thermal insulation is achieved with polyester fibre, the exterior is made of laminated PVC jacket.



SPECIFICATIONS		500	800	1000	1500	2000
Capacity	[l]	452	710	857	1435	1965
Total height with insulation (H)	[mm]	1640	1750	2050	2150	2408
Tipping height *without insulation	[mm]	1630*	1770*	2060*	2190*	2460*
Diameter with insulation (De) without insulation (Di)	[mm]	850 (650)	990 (790)	990 (790)	1200 (1000)	1300 (1100)
Insulation	[mm]	100 (Polyester fibre)				
Energy class – Total dispersion		C 109W	C 113W	C 125W	C 165W	C 176W
Weight	[Kg]	122	178	205	288	355
Max tank pressure	[bar]	6				
Max tank temperature	[°C]	95°				
Max exchanger temperature	[°C]	110°				
Exchanger surface	sup.	1,0	1,5	1,5	2,4	2,4
	inf.	1,8	2,4	3,0	3,6	4,2
Serpentine water content	sup.	6,4	9,3	9,3	12,8	15,2
	inf.	11,4	14,7	18,5	22,2	26,6

QUOTAS	A	B	C	E	F	G	M	N
W-PF2-500R	210	605	995	1345	210	1105	995	1295
W-PF2-800R	260	630	1030	1430	260	930	1050	1330
W-PF2-1000R	310	745	1250	1710	310	1030	1250	1530
W-PF2-1500R	372	817	1342	1752	372	1172	1342	1732
W-PF2-2000R	328	885	1441	1998	328	1131	1441	1841

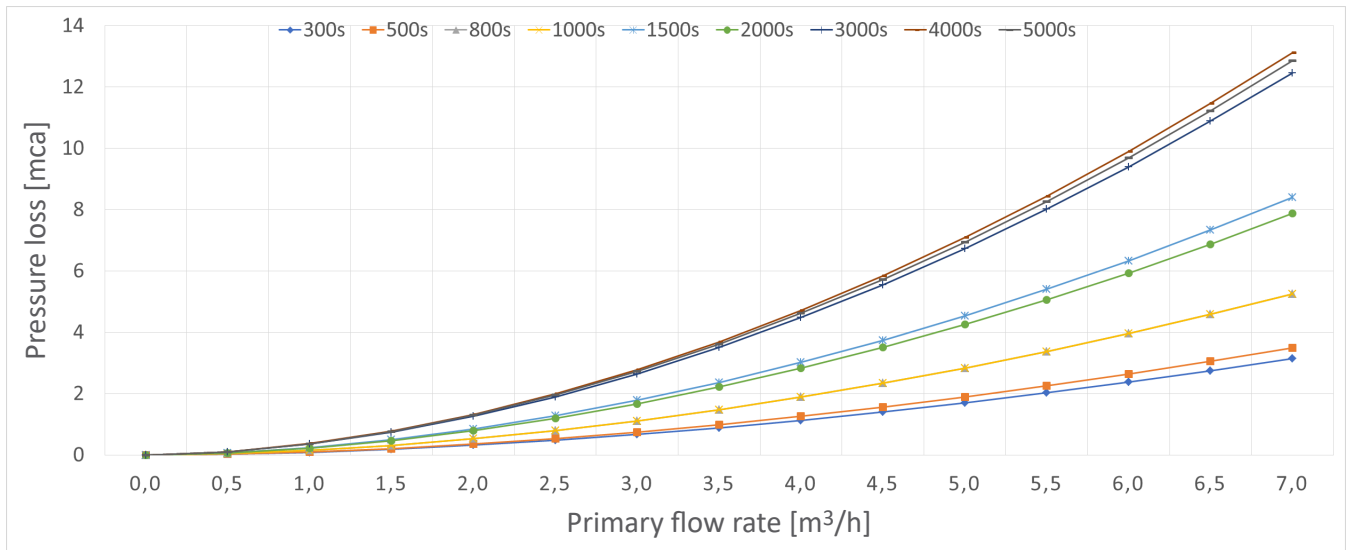
COUPLINGS	Free Connections				Solar serpentine return	Solar serpentine output	Heating serpentine return	Heating serpentine output	Probe couplings	Vent
	A	B	C	E	F	G	M	N	A-B-C-E	H
mod.500÷2000	1" 1/2 G	1" 1/2 G	1" 1/2 G	1" 1/2 G	1" G	1" G	1" G	1" G	1/2" G	1" 1/4 G

Storage tank - PUFFER2

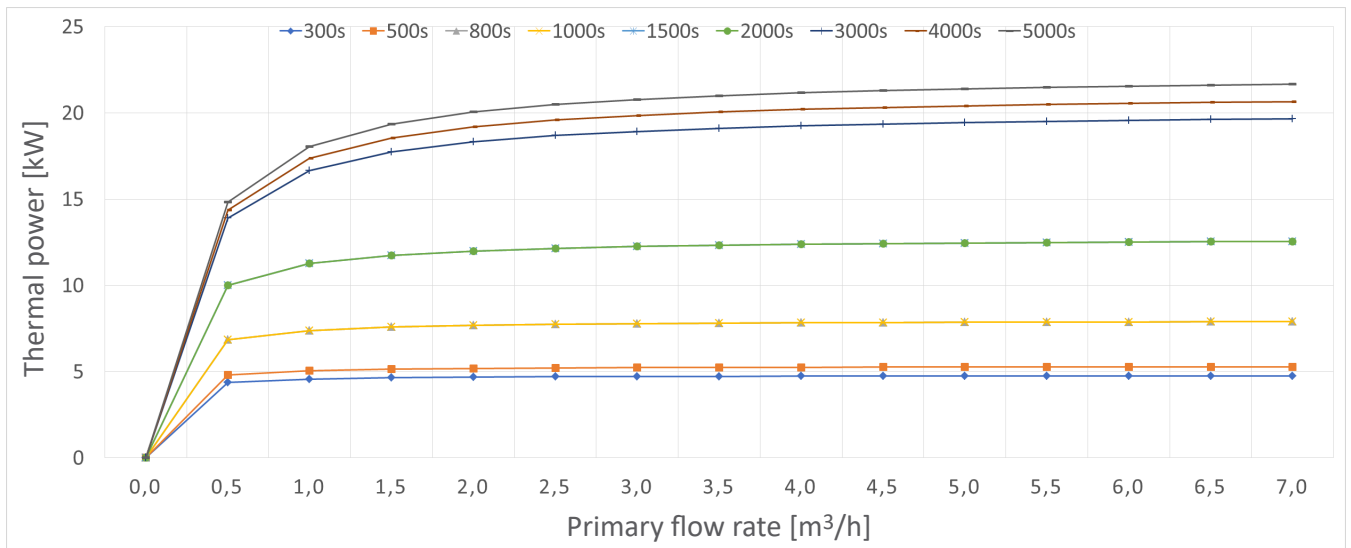


W-PF2 500 | 800 | 1000 | 1500 | 2000

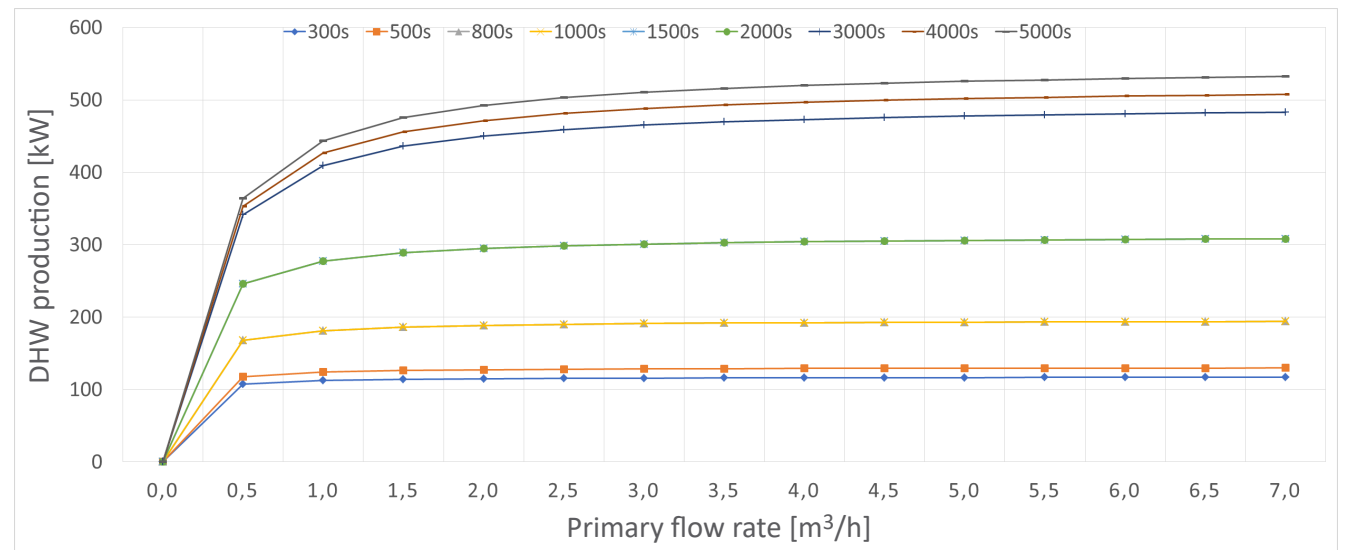
PRESSURE LOSSES DIAGRAM - UPPER SERPENTINE



THERMAL PERFORMANCE DIAGRAM - UPPER SERPENTINE



DHW PRODUCTION - UPPER SERPENTINE

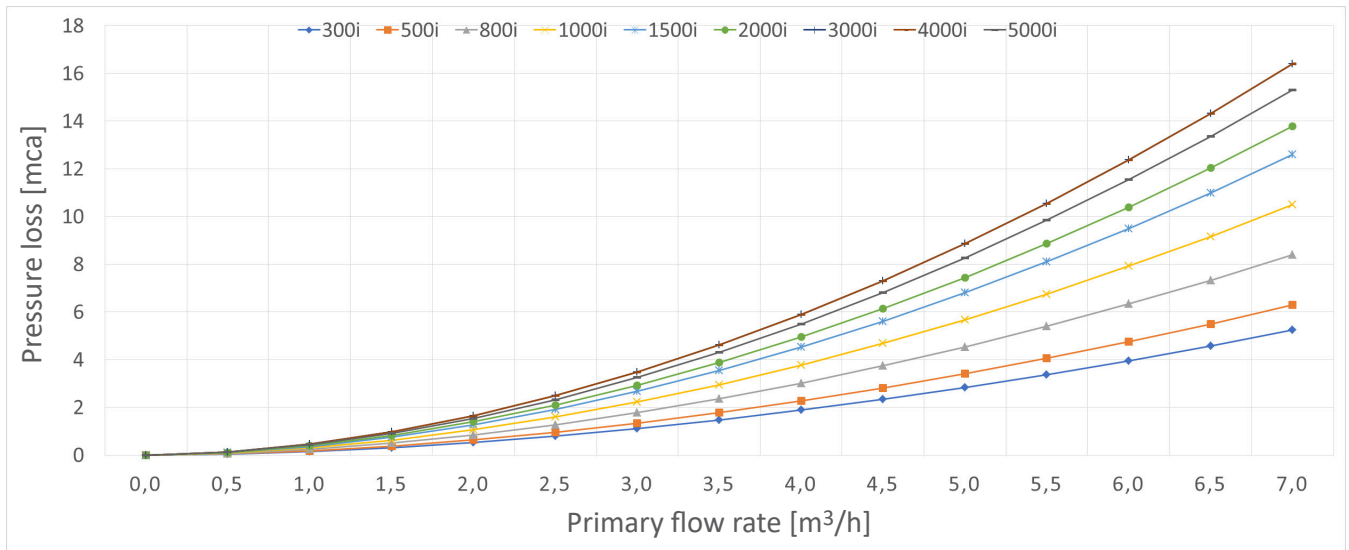


Storage tank - PUFFER2

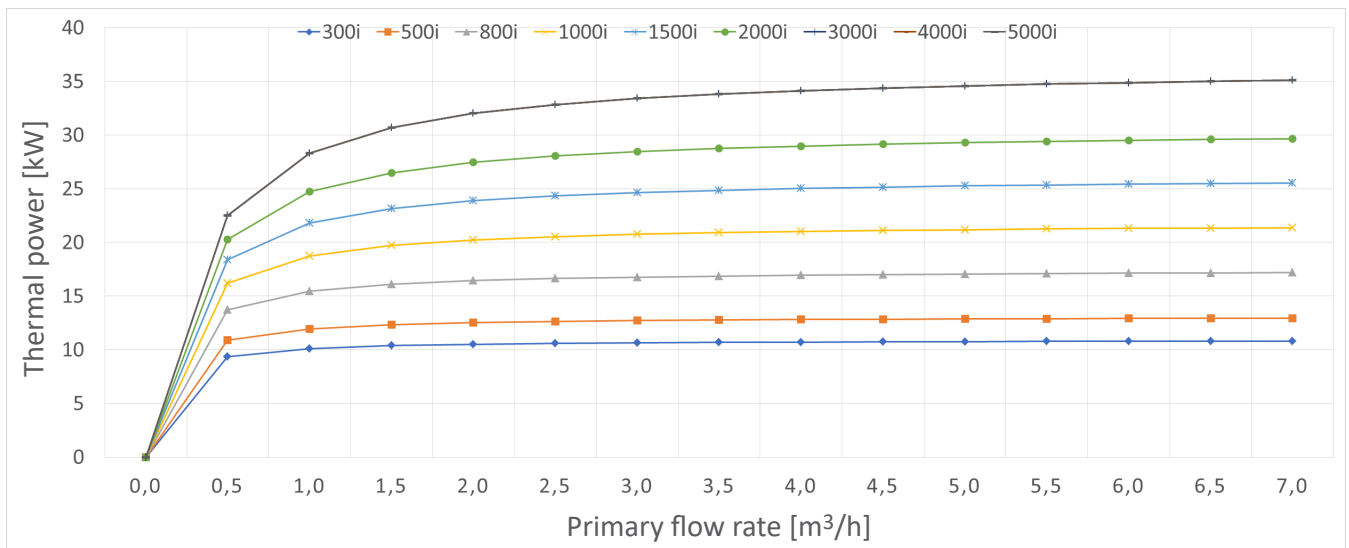


W-PF2 500 | 800 | 1000 | 1500 | 2000

PRESSURE LOSSES DIAGRAM - LOWER SERPENTINE



THERMAL PERFORMANCE DIAGRAM - LOWER SERPENTINE



DHW PRODUCTION - LOWER SERPENTINE

