PER-FIT
Standard Heating Water Buffer Tank

APPLICATION Efficient storage of primary heating water.

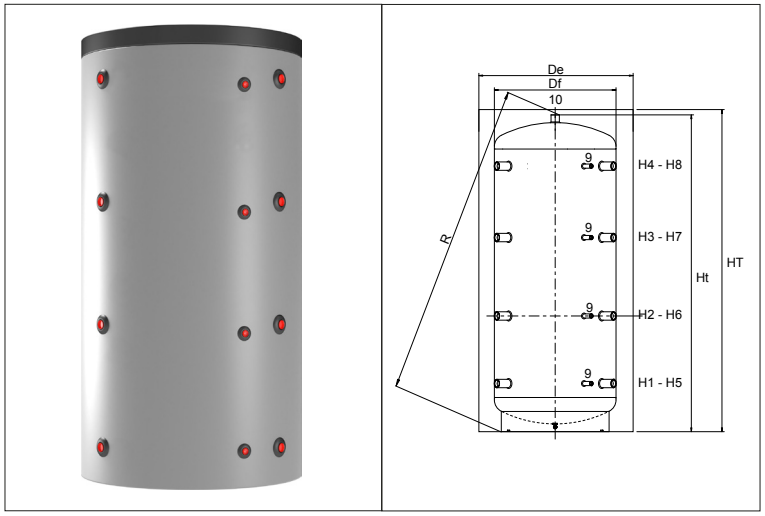
MATERIAL
Made in mild steel outside painted. There is no need of any anti-corrosion treatment due to the fact that the buffer is in a closed circuit without any adding air.

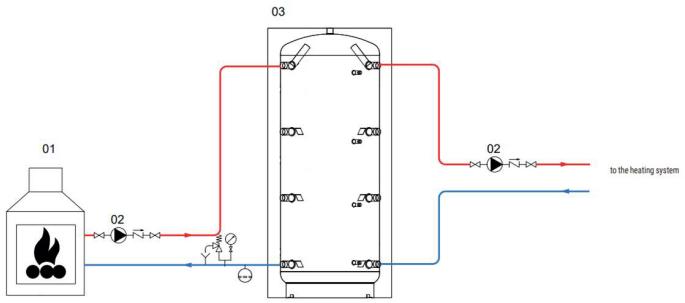
INSULATION
SOFT: NOFIRE® 100 mm soft polyester fibre 100% made of recyclable material, with high.Fire resistance class B-s2d0 according to EN 13501. Grey PVC external lining complete with top cover.

HARD: High thermal insulation with ecological polyurethane hard foam

TECHNICAL DESCRIPTIONS
Our PerFit range of buffer tanks are used to maximise thermal efficiency by increasing the overall volume content of the heating distribution system. The additional water volume absorbs heat (thermal storage) produced by the heat source in low load conditions, which the building or system does not yet require principally to prevent plant short cycling.

CONNECTIONS	
H1	Primary Return
H2	Primary Return
H3	Primary Side Flow
H4	Primary Side Flow
H5	Secondary Side Return
H6	Secondary Side Return
H7	Secondary Side Flow
H8	Secondary Side Flow
9	Connection for Instrumentation
10	1 1/2" Connection





Model name - Litres	H1-H5 ø 1"1/2 [mm]	H2-H6 ø 1"1/2 [mm]	H3-H7 ø 1"1/2 [mm]	H4-H8 ø 1"1/2 [mm]	9	10	Ht (no insulation) [mm]	Ø-Df	Ø-De	HT (with insulation) [mm]	R (with insulation) [mm]	R (no insulation) [mm]	P. Max [bar]	T. Max [°C]
200**	218	430	782	1064	1/2"	1"1/2	//	//	550	1299	1415	//	3	99
300*	220	470	800	1090	1/2"	1"1/2	//	//	650	1340	1489	//	3	99
500*	220	620	1010	1390	1/2"	1"1/2	//	//	750	1629	1793	//	3	99
600*	220	640	1166	1640	1/2"	1"1/2	//	//	750	1879	2023	//	3	99
800	260	630	1030	1430	1/2"	1"1/2	1690	790	990	1740	//	1731	3	99
1000	310	745	1250	1710	1/2"	1"1/2	2040	790	990	2090	//	2074	3	99
1500	380	825	1350	1760	1/2"	1"1/2	2100	1000	1200	2150	//	2154	3	99
2000	320	900	1490	1970	1/2"	1"1/2	2320	1100	1300	2370	//	2379	3	99

Model name - Litres	Code	Weight kg
200**	3251162312501	50
300*	3251162310301	58
500*	3251162310302	85
600*	3251162310303	95
800	3251162310304	105
1000	3251162310306	118
1500	3251162310308	218
2000	3251162310309	243

* Hard PUR Foam Insulation
** With additional 1 1/2" connection for immersion hard PUR foam insulation