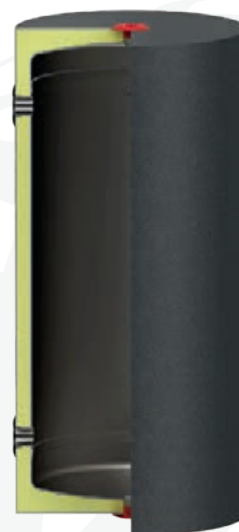


VARMBUFFER 4



GENERAL INFORMATION

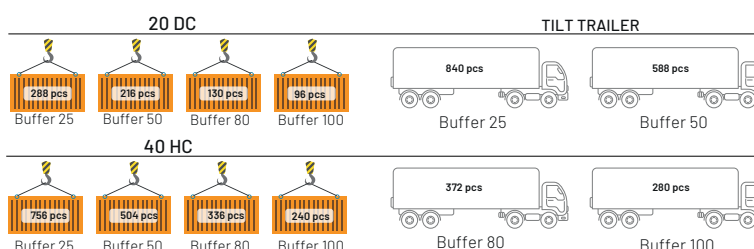
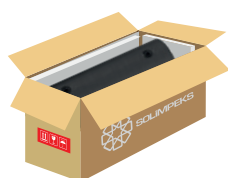
- ✓ Varmbuffer Models is a buffer tank suitable for small-scale applications. The buffer enables hydraulic separation between the heat pump circuit and heating circuit flows. In addition, it stores excess energy and ensures that hot water is available for sudden demands.
- ✓ It protects your heat pump from the negative effects of short cycling. Short cycling not only leads to higher operating costs, but can also damage your heat pump, reducing its lifespan and overall energy efficiency performance.
- ✓ Polyurethane with high quality insulation.
- ✓ Vinlex - Artificial Leather outer cover.
- ✓ It can be mounted to the wall.
- ✓ Easy installation thanks to its compact design.
- ✓ Minimum maintenance.

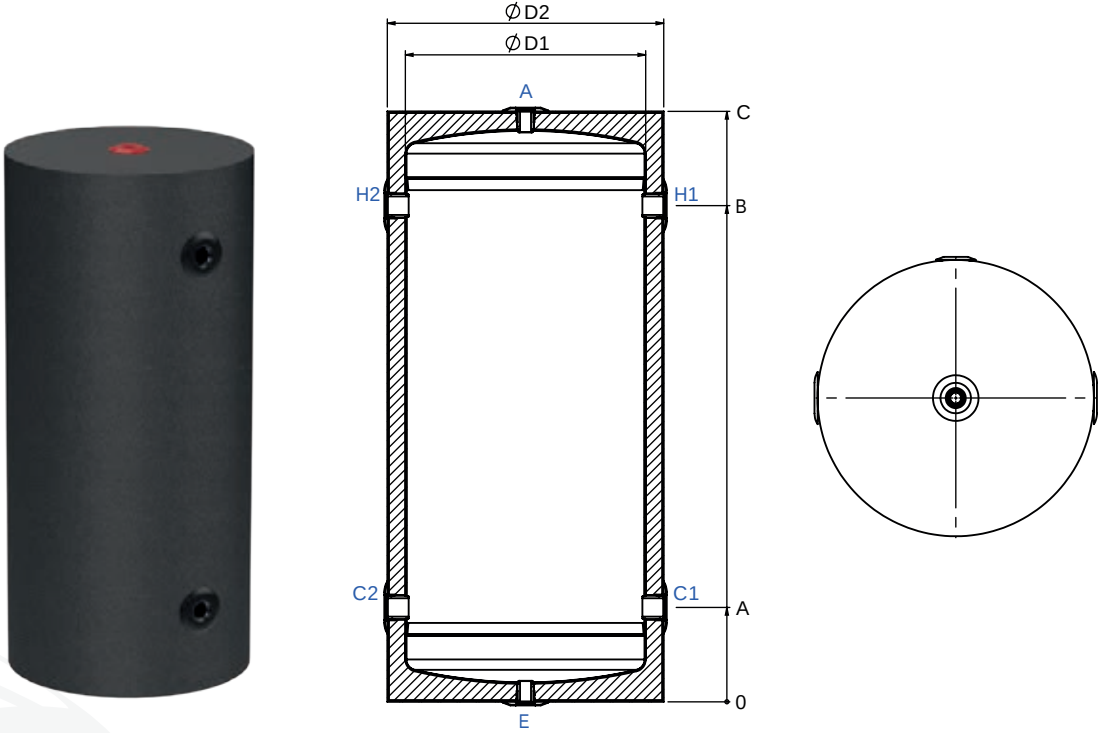


Varmbuffer		25	50	80	100
Capacity	L	28	50	77	105
Net weight	kg	11	17.5	22.5	25
Insulation / (Polyurethane 40kg/m ³)	mm	30	30	30	30
Maximum operational temperature	°C	95	95	95	95
Rated pressure	bar	6	6	6	6

Pipe Connection

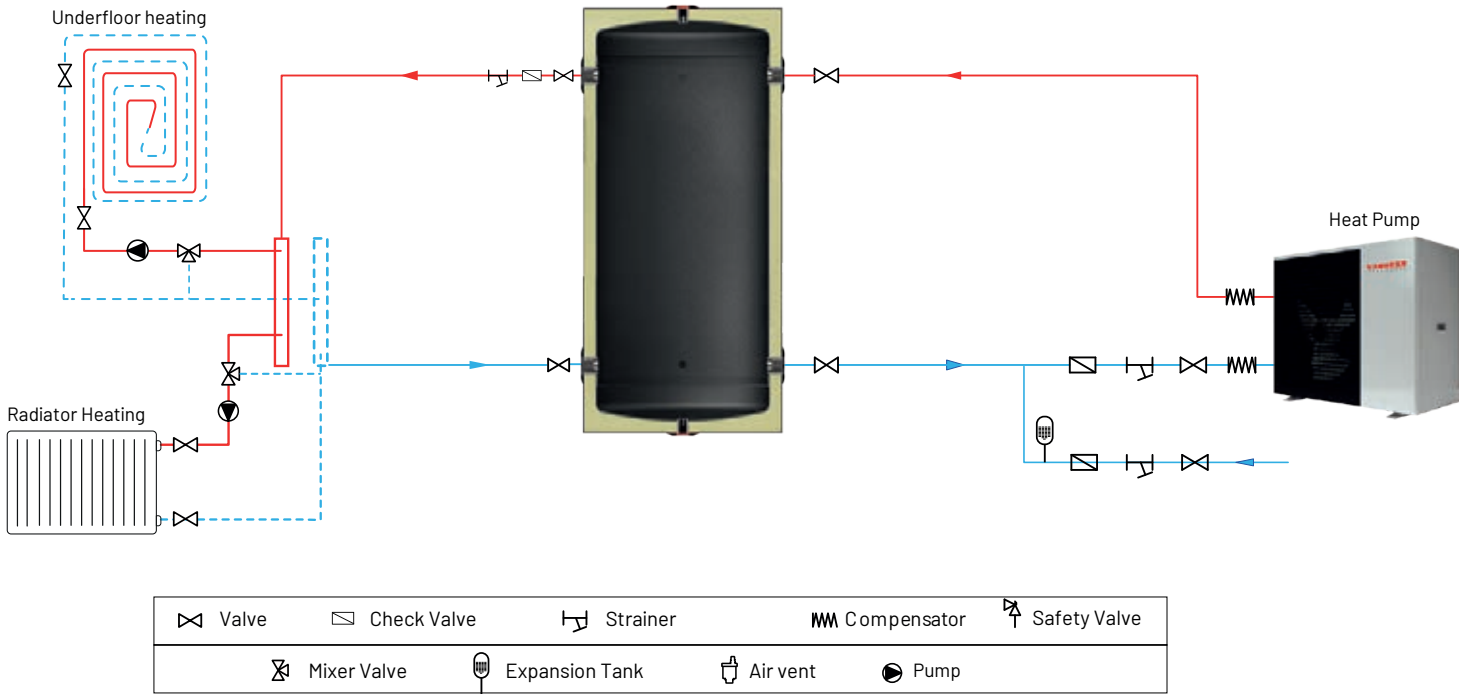
C1, C2	Cold water in	inch	IG 1"
H1, H2	Hot water out	inch	IG 1"
A	Venting	inch	IG 1/2"
E	Emptying	inch	IG 1/2"





DIMENSIONS					
Varmbuffer	A	B	C	D1	D2
25	128	528	655	250	310
50	125	795	920	280	340
80	155	1065	1220	304	364
100	155	815	970	394	454

SCHEMATIC DIAGRAM OF INSTALLATION



VARMBUFFER 8



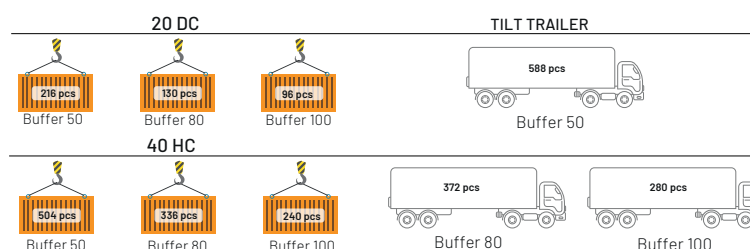
GENERAL INFORMATION

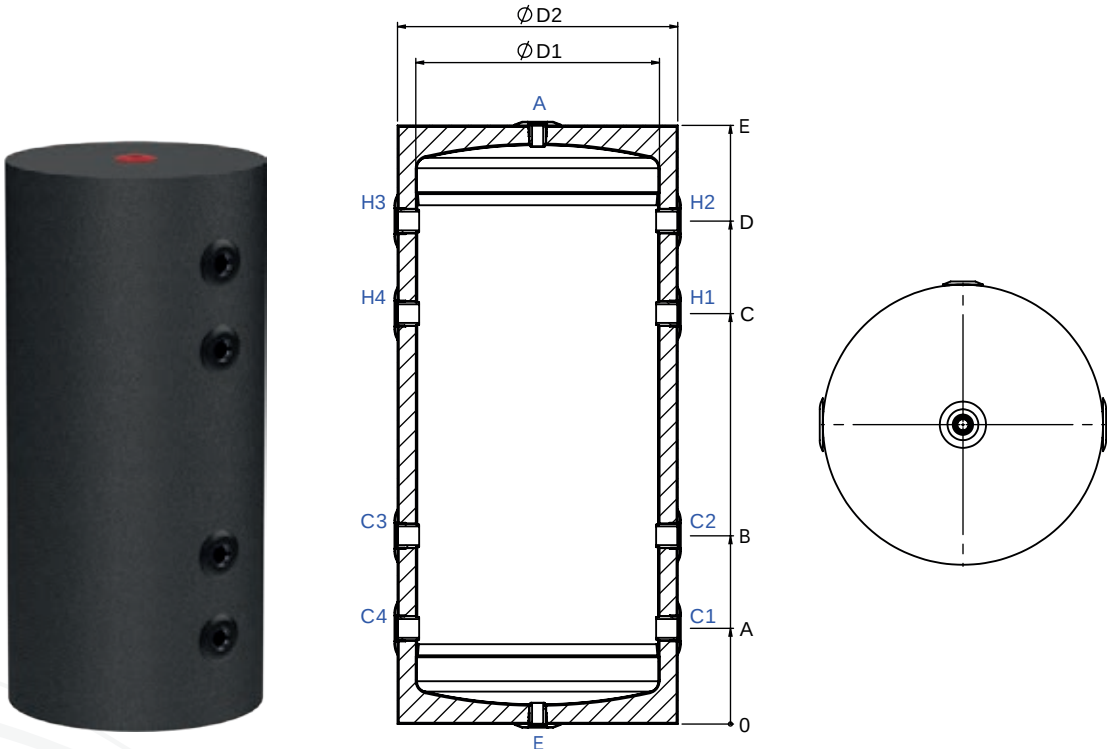
- ✓ Varmbuffer Models is a buffer tank suitable for small-scale applications. The buffer enables hydraulic separation between the heat pump circuit and heating circuit flows. In addition, it stores excess energy and ensures that hot water is available for sudden demands.
- ✓ It protects your heat pump from the negative effects of short cycling. Short cycling not only leads to higher operating costs, but can also damage your heat pump, reducing its lifespan and overall energy efficiency performance.
- ✓ Polyurethane with high quality insulation.
- ✓ Vinlex - Artificial Leather outer cover.
- ✓ It can be mounted to the wall.
- ✓ Easy installation thanks to its compact design.
- ✓ Minimum maintenance.



Varmbuffer		50	80	100
Capacity	L	50	77	105
Net weight	kg	18	23.5	25.5
Insulation / (Polyurethane 40kg/m ³)	mm	30	30	30
Maximum operational temperature	°C	95	95	95
Rated pressure	bar	6	6	6

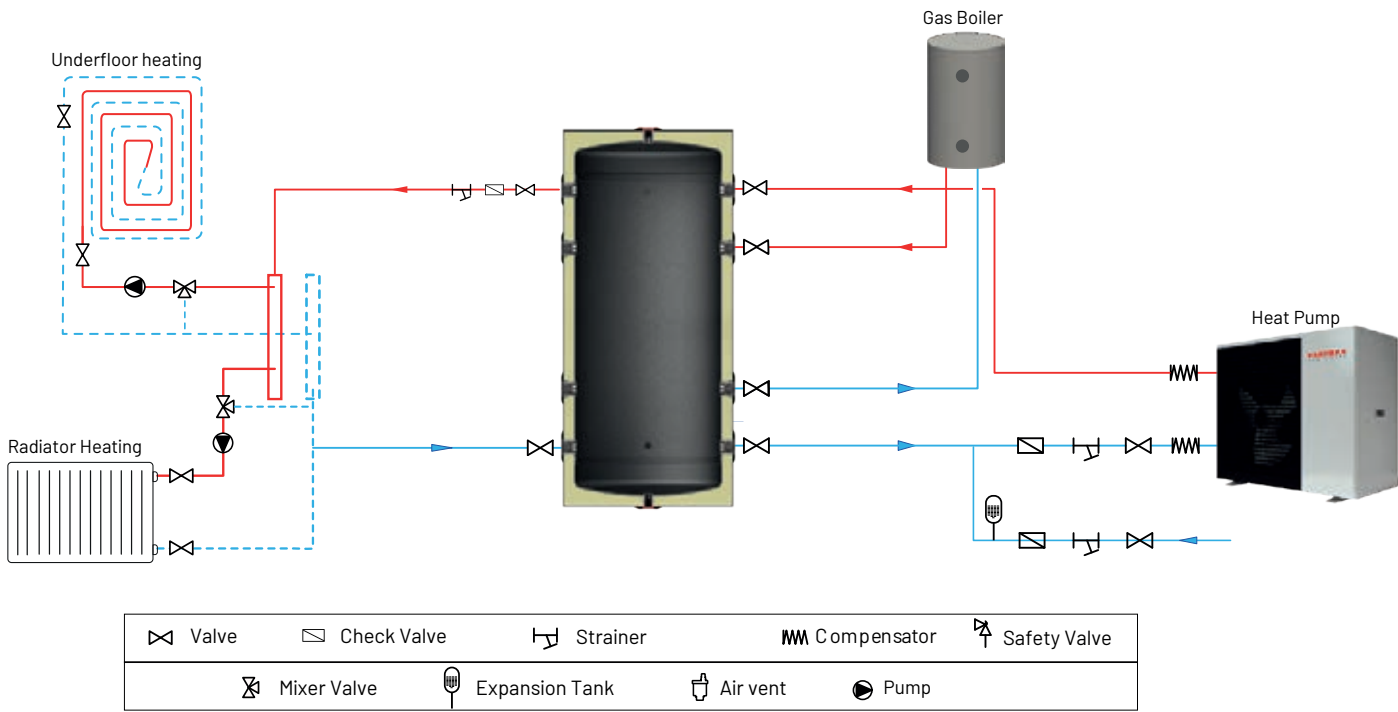
Pipe Connection			
C1, C2, C3, C4	Cold water in	inch	IG 1"
H1, H2, H3, H4	Hot water out	inch	IG 1"
A	Venting	inch	IG 1/2"
E	Emptying	inch	IG 1/2"





DIMENSIONS							
Varmbuffer	A	B	C	D	E	D1	D2
50	125	275	645	795	920	280	340
80	155	305	915	1065	1220	304	364
100	155	305	665	815	970	394	454

SCHEMATIC DIAGRAM OF INSTALLATION



SOLIBUFFER

BUFFER

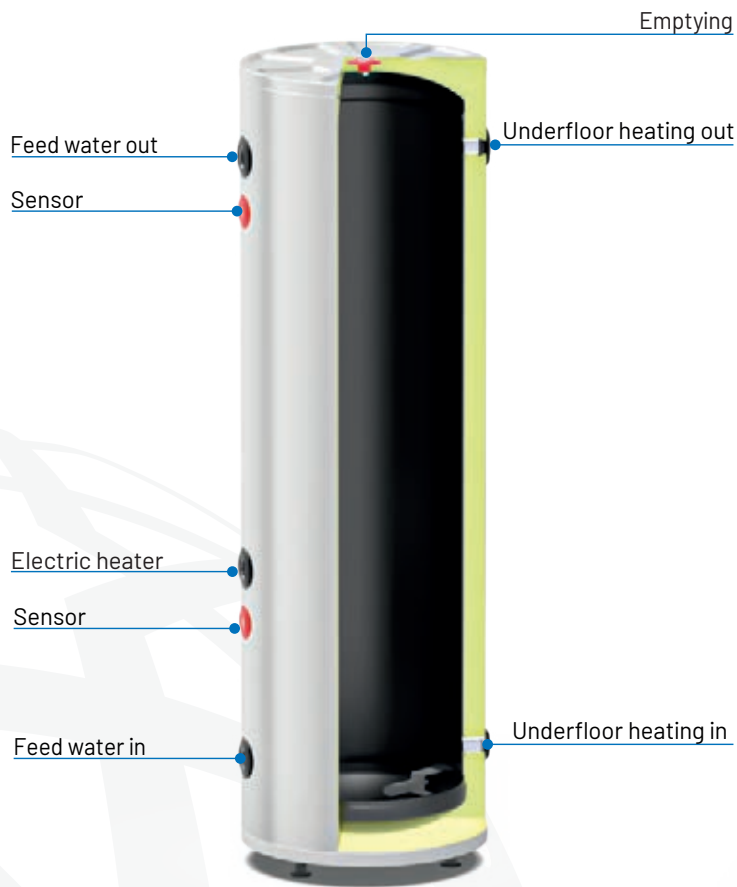
GENERAL INFORMATION

- ✓ When choosing a non-solar heat source, this is the most efficient model.
- ✓ Perfectly compatible with heat pumps.
- ✓ The buffer tank provides hydraulic separation between the heat pump circuit and the heating circuit flows. It also stores excess energy and ensures that hot water is available for sudden demands.
- ✓ Protects your heat pump from the negative effects of short cycling. Short cycling not only leads to higher operating costs, but can also damage your heat pump, reducing its lifespan and overall energy efficiency performance.
- ✓ Optional electric heater support.
- ✓ High-quality insulated polyurethane.
- ✓ No anode rod required.
- ✓ Minimal maintenance.
- ✓ Easy installation thanks to compact design

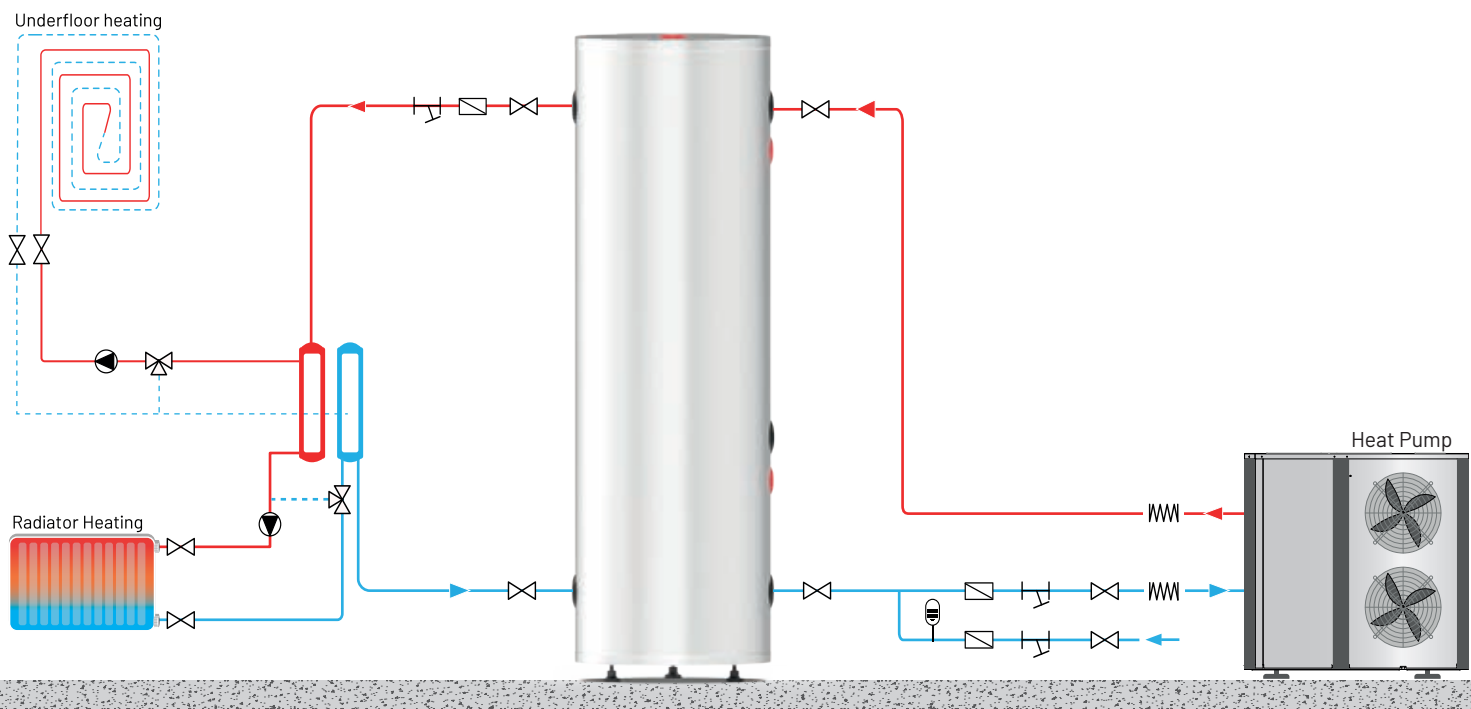


SOLIBUFFER		50	100	200	300	500	800	1000
Product information								
Energy efficiency class	-	C	C	C	C	D	E	E
Heat loss	W	54	62	74	85	140	195	220
Tank volume	L	50	100	170	245	460	850	1030
Basic data								
Weight	kg	20	40	55	73	90	140	160
Dimensions(height/diameter)	mm	570 X 450	750 X 540	1200 X 540	1750 X 540	1625 X 750	1850 X 1010	2150 X 1010
Max permissible boiler water temperature	°C	95	95	95	95	95	95	95
Maximum working pressure	bar	6	6	6	6	6	6	6
Insulating material	-	PU	PU	PU	PU	PU	Sponge	Sponge
Insulating thickness	mm	30	50	50	50	50	80	80
Outer cylinder material	-	Static painted galvanized sheet				Artificial leather		
Pipe connection								
Feed water in/out	inch	G 1"	G 1 1/4"	G 1 1/4"	G 1 1/4"	G 2"	G 2"	G 2"
Underfloor heating in/out	inch	G 1"	G 1 1/4"	G 1 1/4"	G 1 1/4"	G 2"	G 2"	G 2"
Electric heater	inch	-	G 1 1/4"	G 1 1/4"	G 1 1/4"	G 2"	G 2"	G 2"
Sensor	inch	-	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1/2"
Emptying	inch	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1/2"

*Solimpeks reserves the right to make changes to this table at any time.



SCHEMATIC DIAGRAM OF INSTALLATION



SOLITANK

DHW TANK + BUFFER

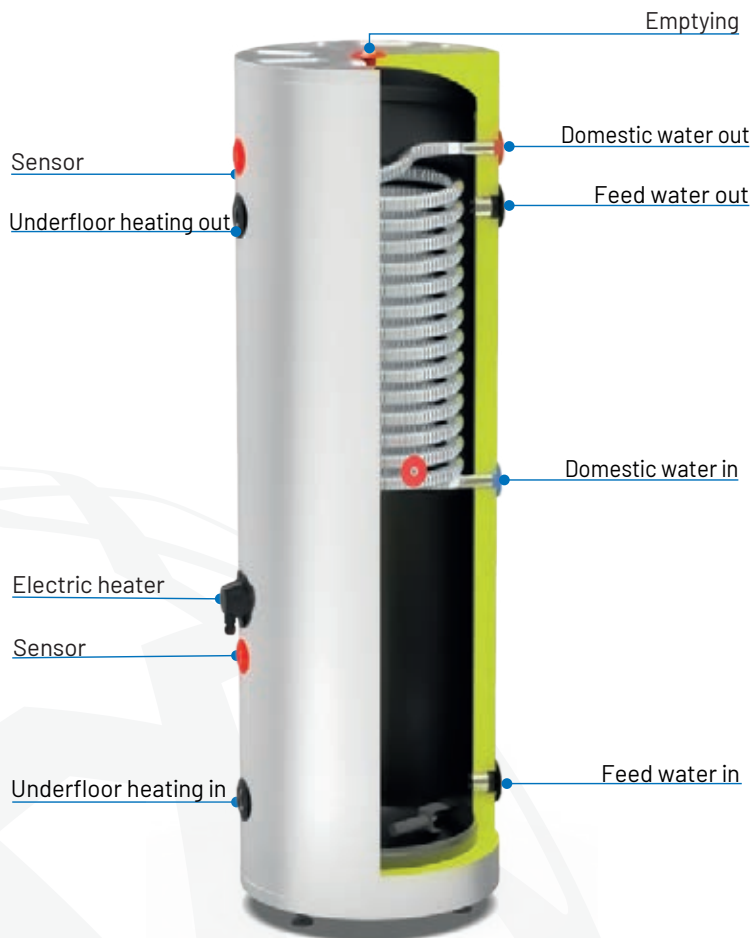
GENERAL INFORMATION

- ✓ Solitank models can store in 2 different versions at the same time according to the system needs. Domestic hot water + buffer tank.
- ✓ Hot water stored in the tank is used both for heating support and for heating domestic water.
- ✓ Domestic water is heated instantly in the spiral structure of the Chrome-Nickel 316L stainless steel in the tank. In this way, the formation of Legionella bacteria is prevented.
- ✓ Since Solitank models can be used as buffer tanks, they provide hydraulic separation between the heat pump circuit and the heating circuit flows. They also store excess energy and ensure that hot water is ready for sudden demands.
- ✓ Easy installation thanks to its compact design
- ✓ Perfectly compatible with heat pumps.
- ✓ Optional electric heater support.
- ✓ High quality insulated polyurethane.
- ✓ No anode rod required.
- ✓ Minimum maintenance.

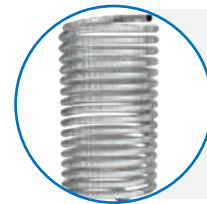


SOLITANK		200	300	500	800	1000
Product information						
Energy efficiency class	-	C	C	D	E	E
Heat loss	W	74	85	140	195	220
Tank volume	L	170	245	460	850	1030
Basic data						
Weight	kg	67	85	106	165	190
Dimensions (height/diameter)	mm	1200 X 540	1750 X 540	1700 X 750	1850 X 1010	2150 X 1010
Max permissible boiler water temperature	°C	95	95	95	95	95
Maximum working pressure	bar	6	6	6	6	6
Insulating material	-	PU	PU	PU	Sponge	Sponge
Insulating thickness	mm	50	50	50	80	80
Outer cylinder material	-	Static painted galvanized sheet			Artificial leather	
Domestic water exchanger (AISI 316L)						
Water volume of the heat exchanger	L	12	12	13.5	22.5	27.5
Domestic water heat exchanger surface area	m ²	3.8	3.8	4.3	7.2	8.7
Maximum working pressure	bar	6	6	6	6	6
Pipe connection						
Feed water in/out	inch	G 1 1/4"	G 1 1/4"	G 2"	G 2"	G 2"
Underfloor heating in/out	inch	G 1 1/4"	G 1 1/4"	G 2"	G 2"	G 2"
Electric heater	inch	G 1 1/4"	G 1 1/4"	G 2"	G 2"	G 2"
Domestic water in/out	inch	G 3/4"	G 3/4"	G 3/4"	G 3/4"	G 3/4"
Sensor	inch	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1/2"
Emptying	inch	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1/2"

*Solimpeks reserves the right to make changes to this table at any time.

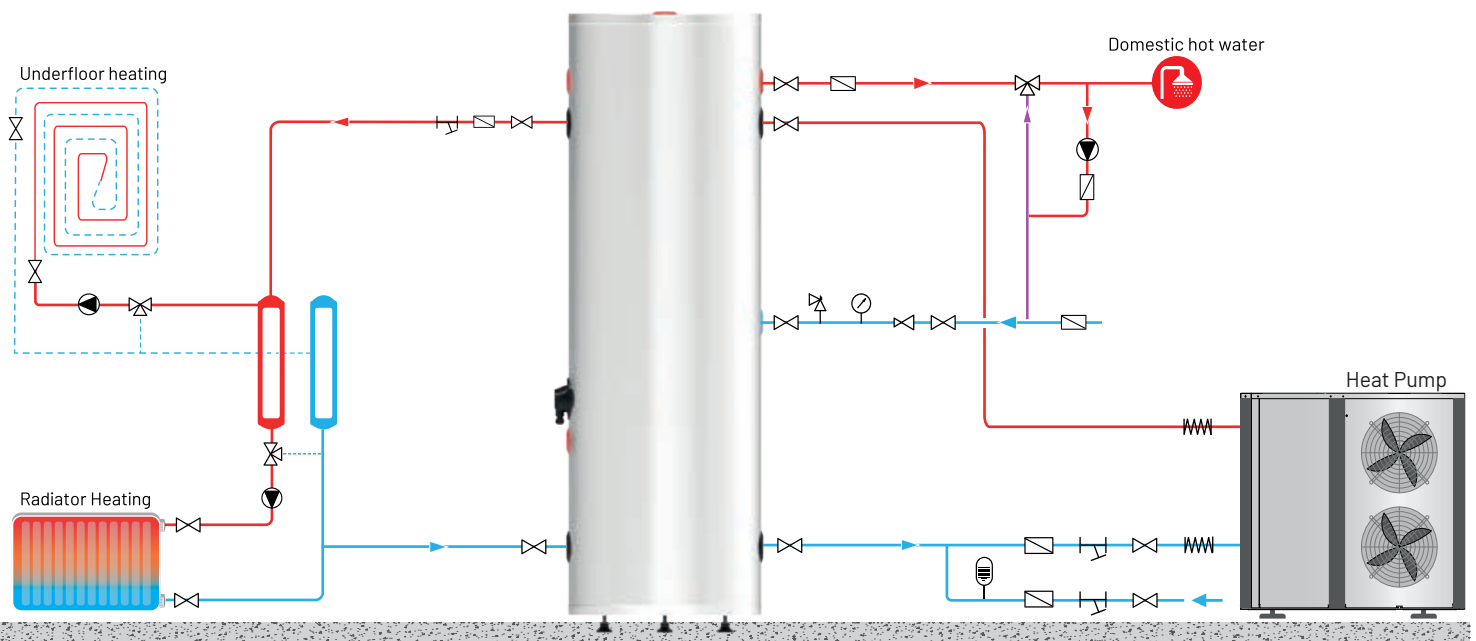


- ✓ More than 50% extra performance compared to traditional pipe
- ✓ Larger surface area, better heat transfer capacity and higher efficiency
- ✓ Stainless steel (AISI 316L) hose is suitable for drinking water application and highly resistant to corrosion.



Single flexible pipe

SCHEMATIC DIAGRAM OF INSTALLATION



SOLIKOMBI

DHW TANK + SOLAR TANK + BUFFER

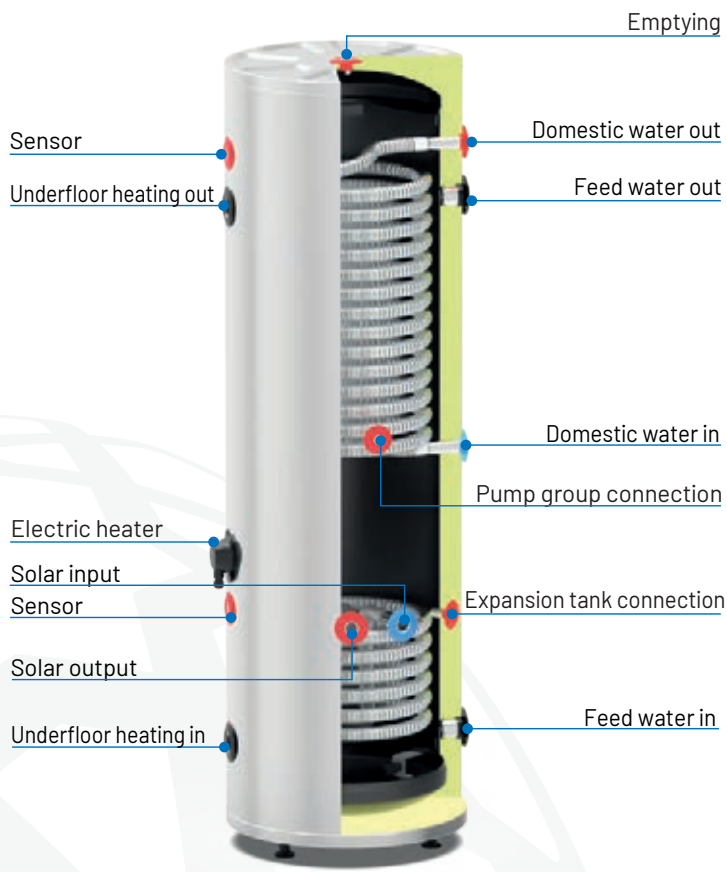
GENERAL INFORMATION

- ✓ Solikombi can store in 3 different versions at the same time according to the system needs. Solar energy + domestic hot water + buffer tank.
- ✓ The hot water stored in the tank is used both for heating support and for heating the domestic water.
- ✓ The domestic water is heated instantly within the spiral structure of the Chrome-Nickel 316L stainless steel in the tank. In this way, the formation of Legionella bacteria is prevented.
- ✓ Since it can be used as a buffer tank in Solikombi models, it provides hydraulic separation between the heat pump circuit and the heating circuit flows. It also stores excess energy and ensures that hot water is ready for sudden demands.
- ✓ Solikombi boilers can integrate more than one heat source.
- ✓ This is the most effective model when choosing a solar heat source.
- ✓ Perfectly compatible with heat pumps.
- ✓ Easy installation thanks to its compact design
- ✓ Optional electric heater support.
- ✓ High quality insulated polyurethane.
- ✓ No anode rod required.
- ✓ Minimum maintenance.

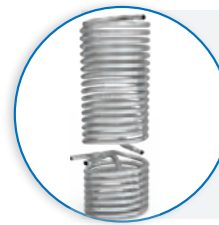


SOLIKOMBI		300	500	800	1000
Product information					
Energy efficiency class	-	C	D	E	E
Heat loss	W	85	140	195	220
Tank volume	L	245	460	850	1030
Basic data					
Weight	kg	89	112	175	190
Dimensions(height/diameter)	mm	1750 X 540	1700 X 750	1850 X 1010	2150 X 1010
Max permissible boiler water temperature	°C	95	95	95	95
Maximum working pressure	bar	6	6	6	6
Insulating material	-	PU	PU	Sponge	Sponge
Insulating thickness	mm	50	50	80	80
Outer cylinder material	-	Static painted galvanized sheet		Artificial leather	
Domestic water exchanger (AISI 316L)					
Water volume of the heat exchanger	L	12	13.5	22.5	27.5
Domestic water heat exchanger surface area	m ²	3.8	4.3	7.2	8.7
Maximum working pressure	bar	6	6	6	6
Solar heating support (AISI 316L)					
Water volume of the heat exchanger	L	5.7	6.6	7.8	9.3
Domestic water heat exchanger surface area	m ²	1.8	2.1	2.5	3
Maximum working pressure	bar	6	6	6	6
Pipe connection					
Feed water in/out	inch	G 1 1/4"	G 2"	G 2"	G 2"
Underfloor heating in/out	inch	G 1 1/4"	G 2"	G 2"	G 2"
Electric heater	inch	G 1 1/4"	G 2"	G 2"	G 2"
Domestic water in/out	inch	G 3/4"	G 3/4"	G 3/4"	G 3/4"
Solar input/output	inch	G 3/4"	G 3/4"	G 3/4"	G 3/4"
Sensor	inch	G 1/2"	G 1/2"	G 1/2"	G 1/2"
Emptying	inch	G 1/2"	G 1/2"	G 1/2"	G 1/2"

*Solimpeks reserves the right to make changes to this table at any time.

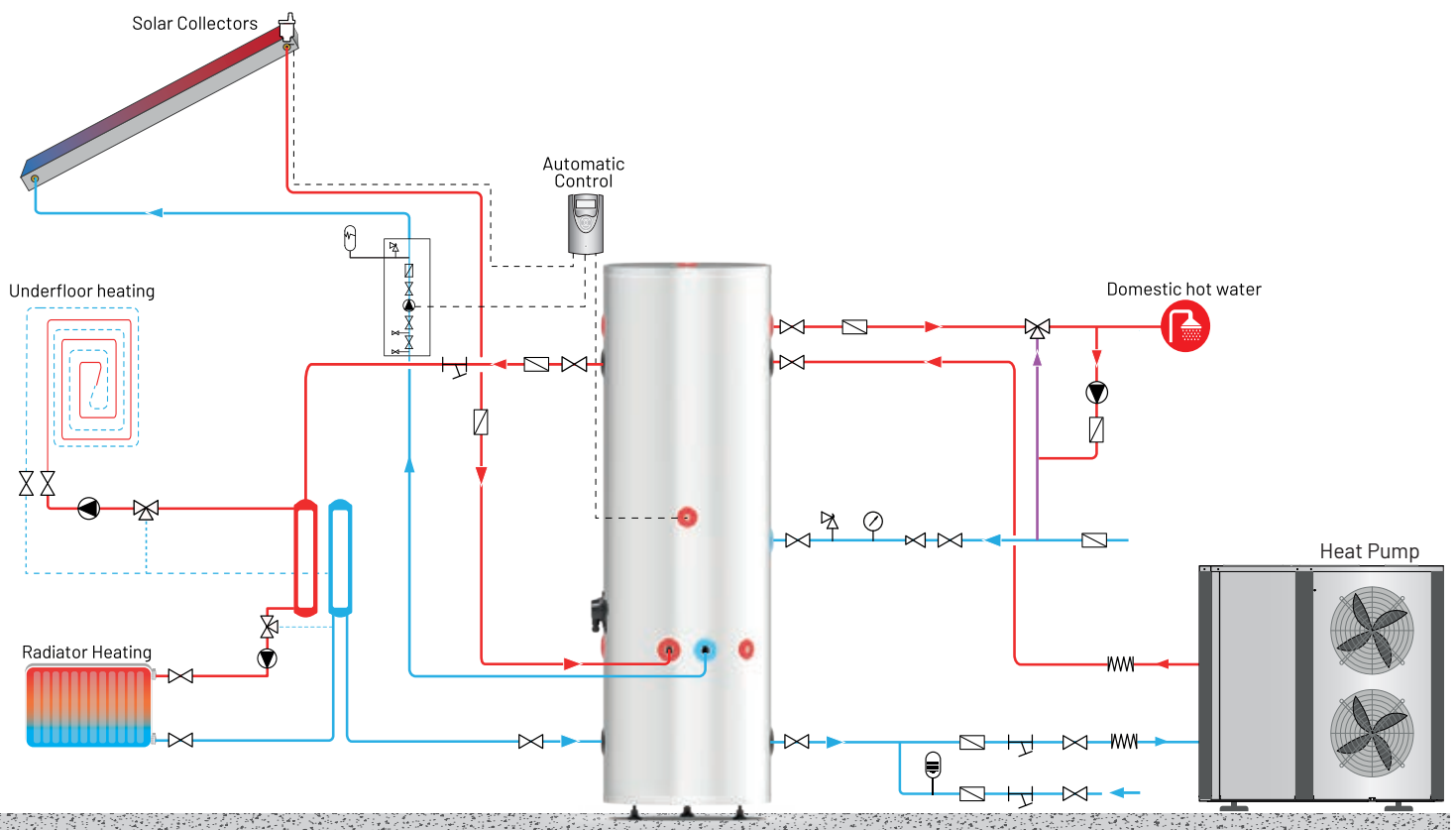


- ✓ More than 50% extra performance compared to traditional pipe
- ✓ Larger surface area, better heat transfer capacity and higher efficiency
- ✓ Stainless steel (AISI 316L) hose is suitable for drinking water application and highly resistant to corrosion.



Double flexible pipe

SCHEMATIC DIAGRAM OF INSTALLATION



ENAMEL TSE-VA

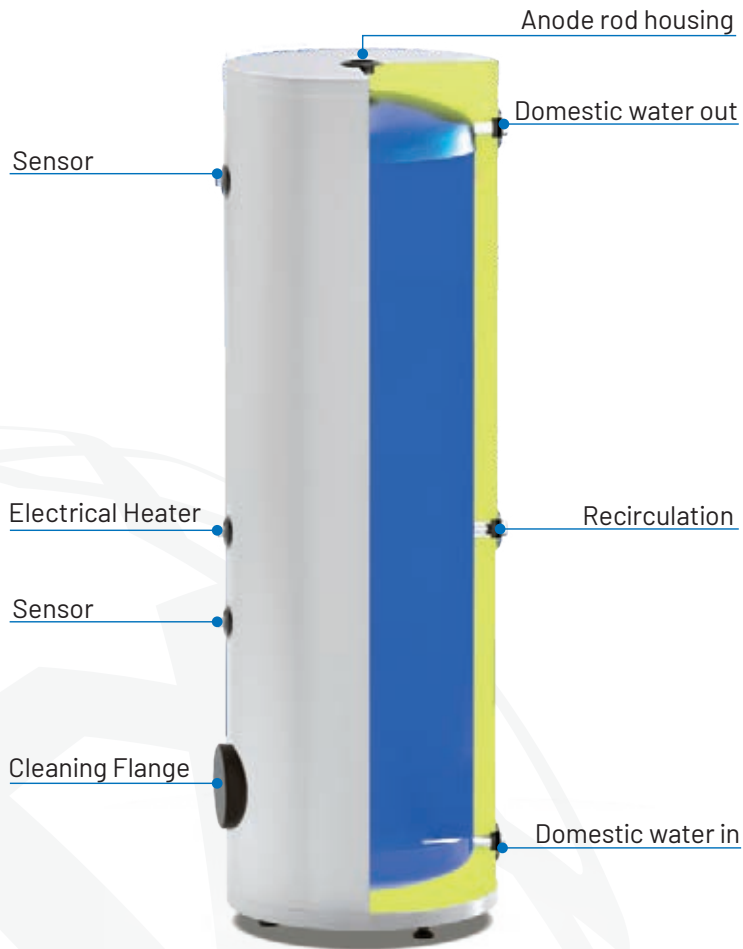
GENERAL INFORMATION

- ✓ Enamel coating in accordance with DIN 4753/3 standard
- ✓ Production in accordance with TS EN 12897 Standard
- ✓ The inner surfaces of the boiler are advanced technology enamel
- ✓ 200-400 µm enamel thickness
- ✓ Polyurethane with high quality insulation.
- ✓ Easy installation thanks to its compact design
- ✓ Optional electric heater support.



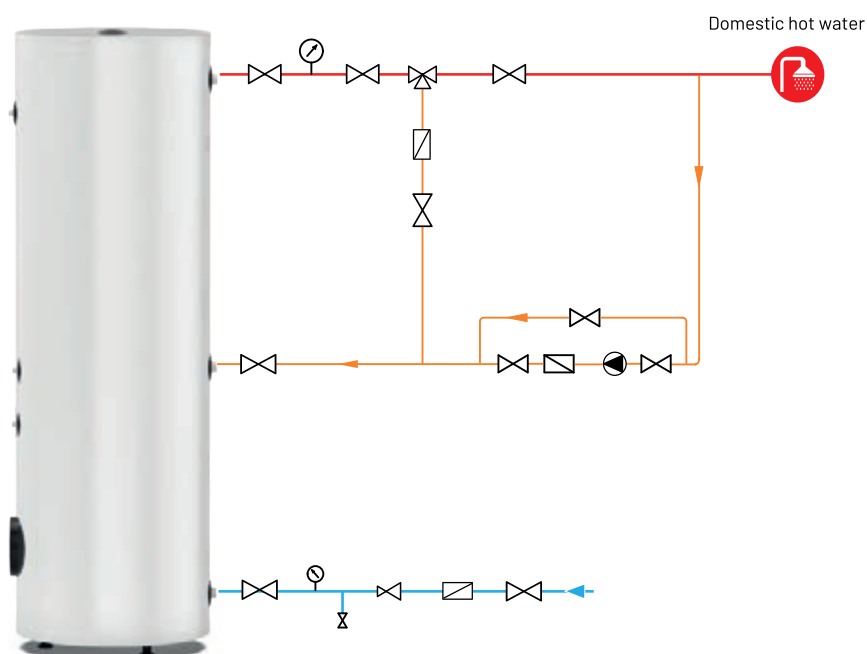
Enamel TSE-VA		160	200	300	500
Code		MA-2312	MA-2298	MA-2301	MA-2313
Weight	kg	50	60	80	80
Dimensions(height/diameter)	mm	1050 X 580	1280 X 580	1780 X 580	1630 X 750
Max permissible boiler water temperature	°C	95	95	95	95
Maximum working pressure	bar	6	6	6	6
Insulating material	-	PU	PU	PU	PU
Insulating thickness	mm	50	50	50	50
Outer cylinder material	-	Static painted galvanized sheet			Artificial leather
Pipe connection					
Cleaning flange		Universal	Universal	Universal	Universal
Electric heater	inch	IG 1 1/4"	IG 1 1/4"	IG 1 1/4"	IG 1 1/4"
Domestic water in/out	inch	IG 3/4"	IG 3/4"	IG 3/4"	IG 3/4"
Recirculation	inch	IG 3/4"	IG 3/4"	IG 3/4"	IG 3/4"
Anode rod	inch	IG 1 1/4"	IG 1 1/4"	IG 1 1/4"	IG 1 1/4"
Sensor	inch	IG 1/2"	IG 1/2"	IG 1/2"	IG 1/2"
Blind connection	inch	IG 1 1/4"	IG 1 1/4"	IG 1 1/4"	IG 1 1/4"

*Solimpeks reserves the right to make changes to this table at any time.



- ✓ Enamel coating according to DIN 4753-3 Standard
- ✓ 200-400 µm enamel thickness
- ✓ Long service life.

SCHEMATIC DIAGRAM OF INSTALLATION



TSE-VS

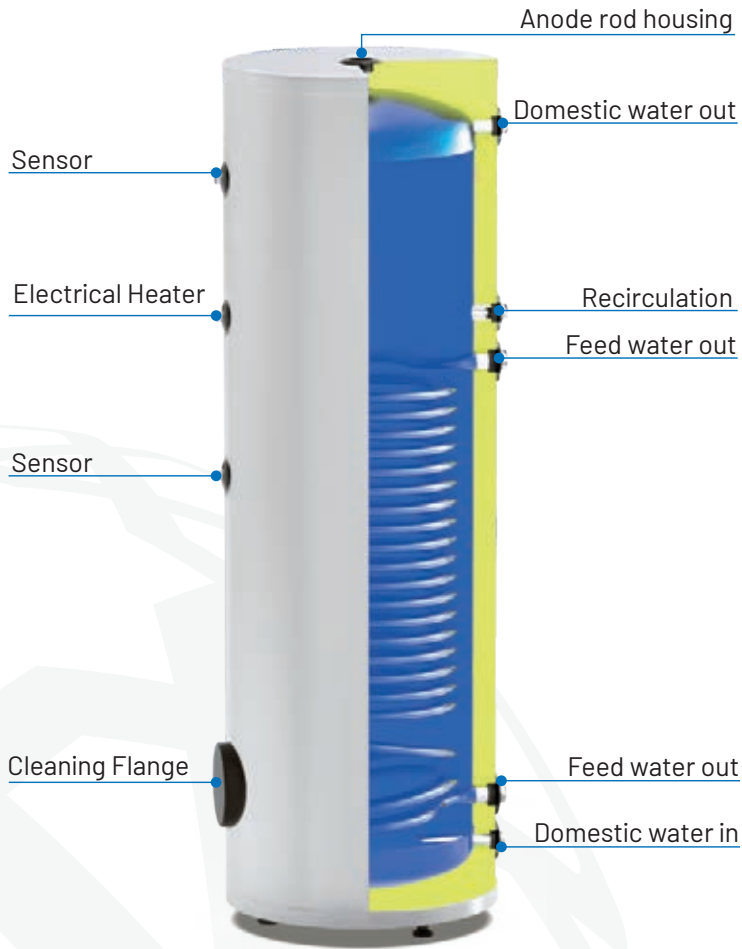
GENERAL INFORMATION

- ✓ Enamel coating in accordance with DIN 4753/3 standard
- ✓ Production in accordance with TS EN 12897 Standard
- ✓ The inner surfaces of the boiler are advanced technology enamel
- ✓ 200-400 µm enamel thickness
- ✓ Perfectly compatible with solar systems.
- ✓ Polyurethane with high quality insulation.
- ✓ Easy installation thanks to its compact design
- ✓ Optional electric heater support.

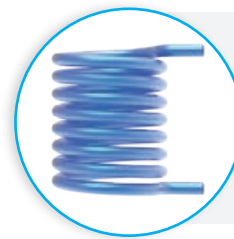


Enamel TSE-VS		160	200	300	500
Code		MA-2314	MA-2297	MA-2302	MA-2315
Weight	kg	65	75	104	108
Dimensions(height/diameter)	mm	1050 X 580	1280 X 580	1780 X 580	1630 X 750
Max permissible boiler water temperature	°C	95	95	95	95
Maximum working pressure	bar	6	6	6	6
Insulating material	-	PU	PU	PU	PU
Insulating thickness	mm	50	50	50	50
Outer cylinder material	-	Static painted galvanized sheet			Artificial leather
Heat source exchanger					
Water volume of the heat exchanger	L	7	8	11	16
Surface area	m ²	0.75	1	1.3	2
Maximum working pressure	bar	6	6	6	6
Pipe connection					
Feed water in/out	inch	IG 1"	IG 1"	IG 1"	IG 1"
Cleaning flange		Universal	Universal	Universal	Universal
Electric heater	inch	IG 1 1/4"	IG 1 1/4"	IG 1 1/4"	IG 1 1/4"
Domestic water in/out	inch	IG 3/4"	IG 3/4"	IG 3/4"	IG 3/4"
Recirculation	inch	IG 3/4"	IG 3/4"	IG 3/4"	IG 3/4"
Anode rod	inch	IG 1 1/4"	IG 1 1/4"	IG 1 1/4"	IG 1 1/4"
Sensor	inch	IG 1/2"	IG 1/2"	IG 1/2"	IG 1/2"
Blind connection	inch	IG 1 1/4"	IG 1 1/4"	IG 1 1/4"	IG 1 1/4"

*Solimpeks reserves the right to make changes to this table at any time.

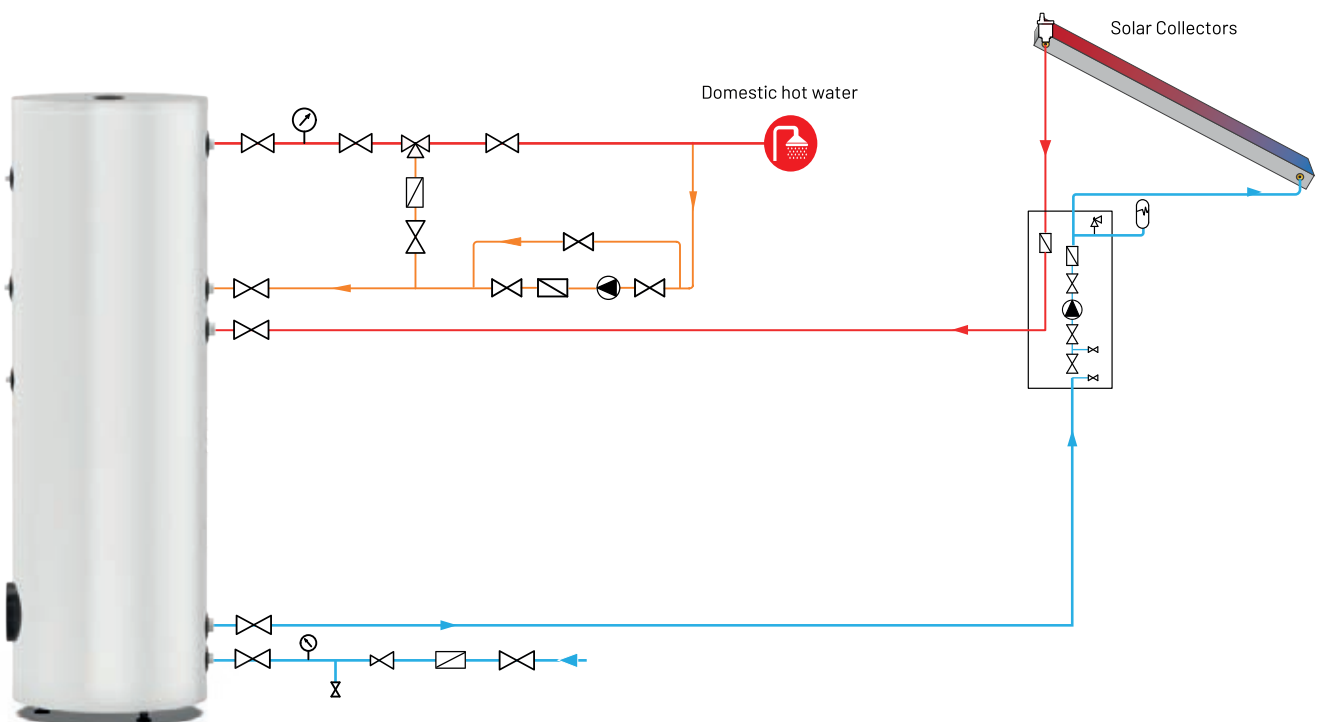


- ✓ Enamel coating according to DIN 4753-3 Standard
- ✓ 200-400 µm enamel thickness
- ✓ Long service life.



Single serpentine

SCHEMATIC DIAGRAM OF INSTALLATION



ENAMEL TSE-VS HP

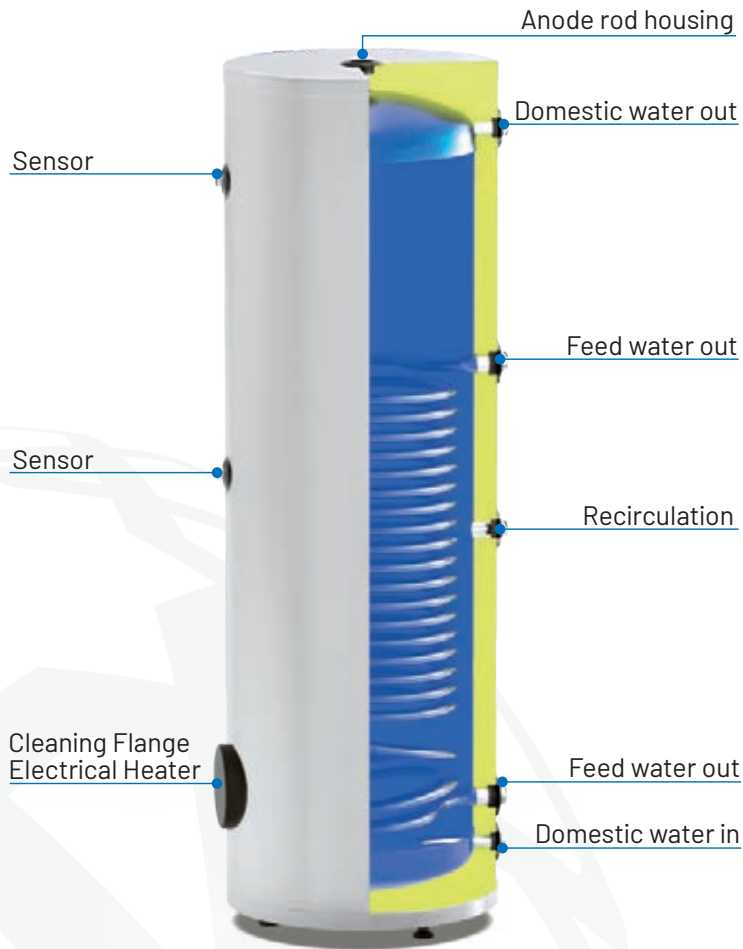
GENERAL INFORMATION

- ✓ Enamel coating in accordance with DIN 4753/3 standard
- ✓ Production in accordance with TS EN 12897 Standard
- ✓ The inner surfaces of the boiler are advanced technology enamel
- ✓ 200-400 µm enamel thickness
- ✓ Perfectly compatible with heat pumps.
- ✓ Polyurethane with high quality insulation.
- ✓ Easy installation thanks to its compact design
- ✓ Optional electric heater support.

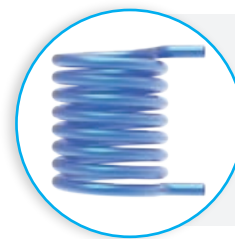


Enamel TSE-VS HP		160	200	300	500
Code		MA-2308	MA-2286	MA-2299	MA-2309
Weight	kg	79	100	140	160
Dimensions(height/diameter)	mm	1050 X 580	1280 X 580	1780 X 580	1630 X 750
Max permissible boiler water temperature	°C	95	95	95	95
Maximum working pressure	bar	6	6	6	6
Insulating material	-	PU	PU	PU	PU
Insulating thickness	mm	50	50	50	50
Outer cylinder material	-	Static painted galvanized sheet			Artificial leather
Heat source exchanger					
Water volume of the heat exchanger	L	11	18	26	33
Surface area	m ²	1.3	2.1	3.1	4
Maximum working pressure	bar	6	6	6	6
Pipe connection					
Feed water in/out	inch	IG 1"	IG 1"	IG 1"	IG 1"
Cleaning flange		Universal	Universal	Universal	Universal
Electric heater	inch	IG 1 1/4"	IG 1 1/4"	IG 1 1/4"	IG 1 1/4"
Domestic water in/out	inch	IG 3/4"	IG 3/4"	IG 3/4"	IG 3/4"
Recirculation	inch	IG 3/4"	IG 3/4"	IG 3/4"	IG 3/4"
Anode rod	inch	IG 1 1/4"	IG 1 1/4"	IG 1 1/4"	IG 1 1/4"
Sensor	inch	IG 1/2"	IG 1/2"	IG 1/2"	IG 1/2"
Blind connection	inch	IG 1 1/4"	IG 1 1/4"	IG 1 1/4"	IG 1 1/4"

*Solimpeks reserves the right to make changes to this table at any time.

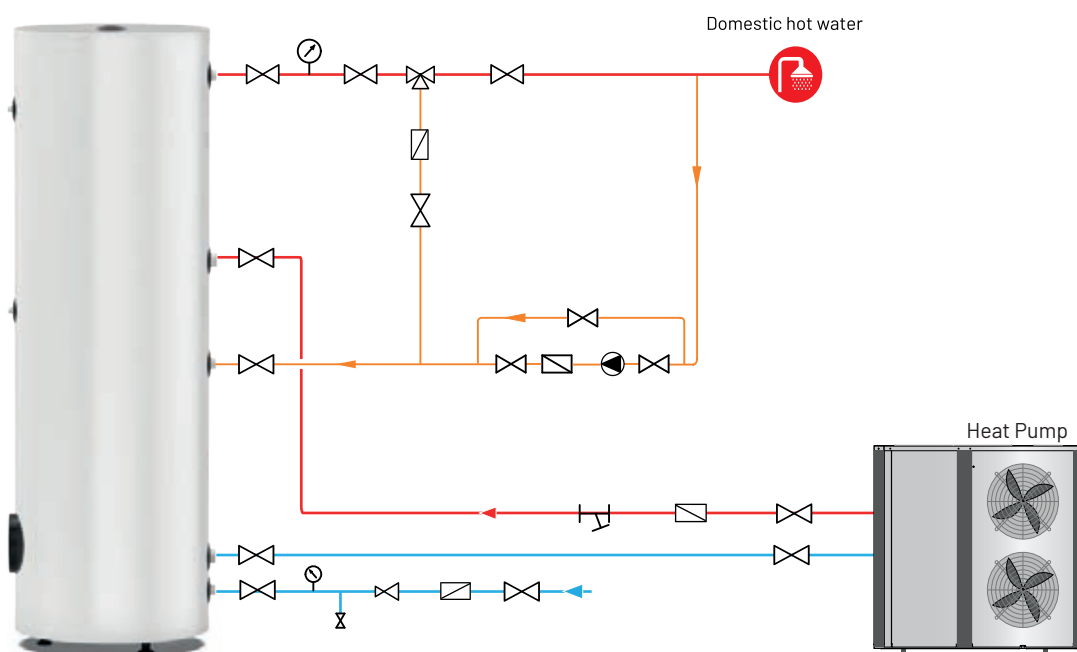


- ✓ Enamel coating according to DIN 4753-3 Standard
- ✓ 200-400 µm enamel thickness
- ✓ Long service life.



Single serpentine

SCHEMATIC DIAGRAM OF INSTALLATION



TSE-VD

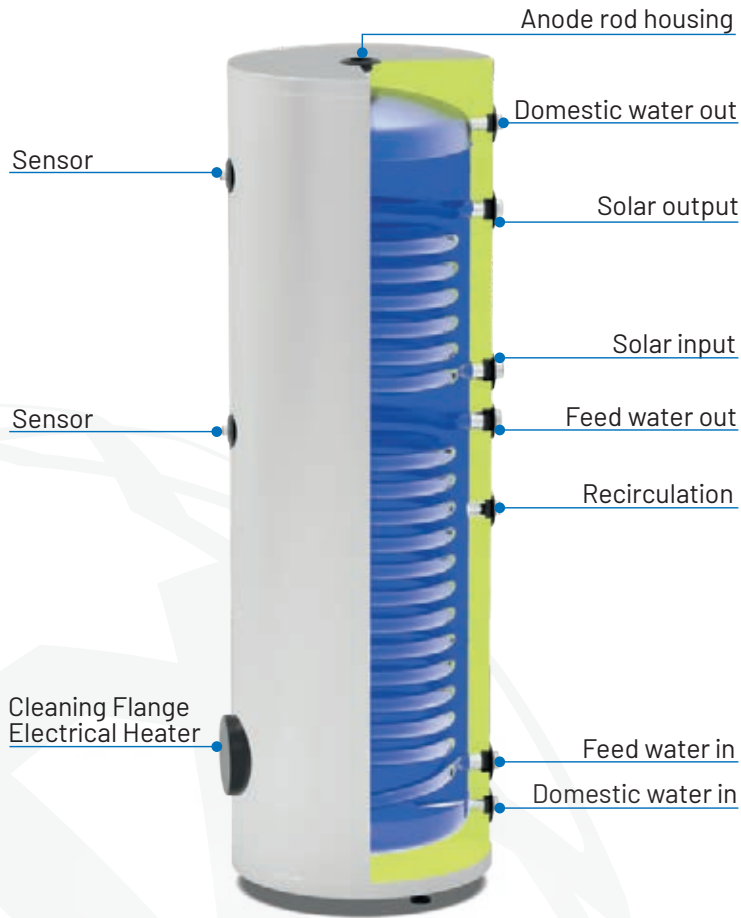
GENERAL INFORMATION

- ✓ Enamel coating in accordance with DIN 4753/3 standard
- ✓ Production in accordance with TS EN 12897 Standard
- ✓ Boiler interior surfaces are high-tech enamel
- ✓ 200-400 µm enamel thickness
- ✓ Perfectly compatible with solar energy.
- ✓ Perfectly compatible with heat pumps.
- ✓ High quality insulated polyurethane.
- ✓ Easy installation thanks to its compact design
- ✓ Optional electric heater support.

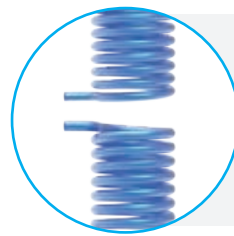


Enamel TSE-VD		160	200	300	500
Code		MA-2310	MA-2296	MA-2300	MA-2311
Weight	kg	70	92	125	140
Dimensions (height/diameter)	mm	1050 X 580	1280 X 580	1780 X 580	1630 X 750
Max permissible boiler water temperature	°C	95	95	95	95
Maximum working pressure	bar	6	6	6	6
Insulating material	-	PU	PU	PU	PU
Insulating thickness	mm	50	50	50	50
Outer cylinder material	-	Static painted galvanized sheet			Artificial leather
1.Heat source exchanger					
Water volume of the heat exchanger	L	3	7	8	11
Surface area	m ²	0.4	0.75	1	1.3
Maximum working pressure	bar	6	6	6	6
2.Heat source exchanger					
Water volume of the heat exchanger	L	7	8	11	16
Surface area	m ²	0.75	1	1.3	2
Maximum working pressure	bar	6	6	6	6
Pipe connection					
Feed water in/out	inch	IG 1"	IG 1"	IG 1"	IG 1"
Cleaning flange		Universal	Universal	Universal	Universal
Electric heater	inch	IG 1 1/4"	IG 1 1/4"	IG 1 1/4"	IG 1 1/4"
Domestic water in/out	inch	IG 3/4"	IG 3/4"	IG 3/4"	IG 3/4"
Solar input/output	inch	IG 1"	IG 1"	IG 1"	IG 1"
Recirculation	inch	IG 3/4"	IG 3/4"	IG 3/4"	IG 3/4"
Anode rod	inch	IG 1 1/4"	IG 1 1/4"	IG 1 1/4"	IG 1 1/4"
Sensor	inch	IG 1/2"	IG 1/2"	IG 1/2"	IG 1/2"
Blind connection	inch	IG 1 1/4"	IG 1 1/4"	IG 1 1/4"	IG 1 1/4"

*Solimpeks reserves the right to make changes to this table at any time.



- ✓ Enamel coating according to DIN 4753-3 Standard
- ✓ 200-400 µm enamel thickness
- ✓ Long service life.



Double serpentine

SCHEMATIC DIAGRAM OF INSTALLATION

