VARMEKS HEAT PUMPS

SOLIBUFFER

BUFFER

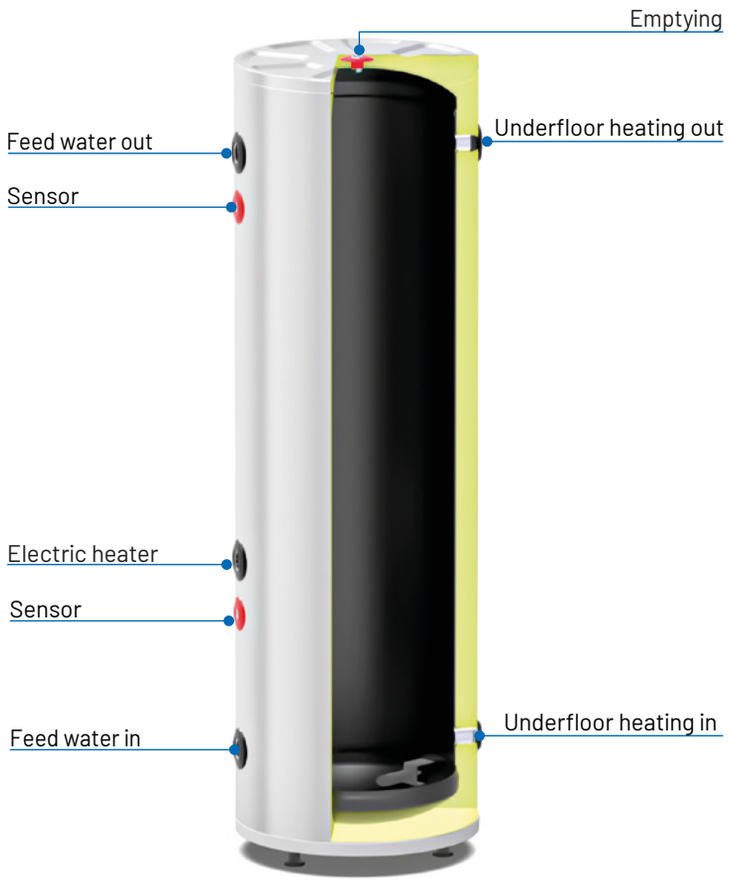
GENERAL INFORMATION

- ✓ 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"

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





SCHEMATIC DIAGRAM OF INSTALLATION

