











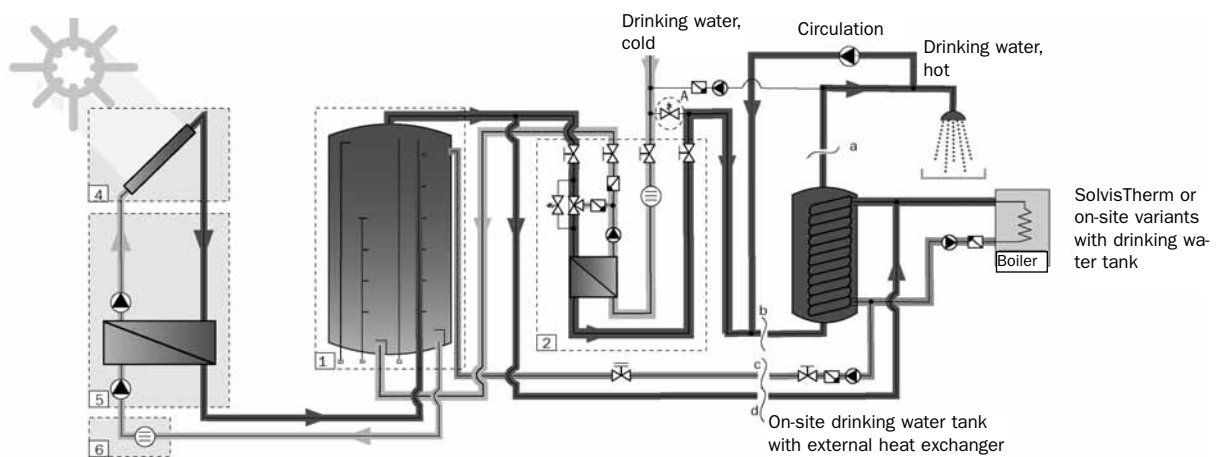


## 4.2 Preheating station (VWS-xxx)

General		VWS-70	VWS-126	
Rated discharge output at 50°C				
outlet temperature	[kW]	195	351	
Rated volume flow at 50°C outlet temperature		[l/min]	70	126
Total weight (filled) [kg]		80	112	
Connections				
Flow/return WW-PWÜ  and 		1¼" female	1½" female	
Cold/hot water and  and 		1¼" female	1½" female	
Components in the drinking water circuit				
Plate heat exchanger Alfa Laval		CB-51-60H	CB76-91A	
Hydraulics				
Drinking water heating pump		UPS 32-80		
Maximum permitted operating pressure		Buffer tank: 3 bar, drinking water: 10 bar		
Permitted media temperature		95°C, max. ambient temperature 40°C		
Electrical				
Control		SolvisControl system controller		
Electr. voltage supply		230 V AC/50 Hz		
Maximum total power consumption	[W]	245	245	
Dimensions				
Width	[mm]	815	960	
Depth	[mm]	925	550	
Height h (= conn. height  ,  ,  and  )	[mm]	1,590	1,680	
Distances of Pipes from Pipe Centre				
a	[mm]	300	500	
b	[mm]	485	780	
d	[mm]	620	950	
Wall to group  ,  ,  and 	[mm]	145	150	

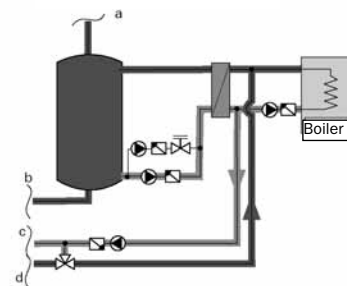


Solvis modules:

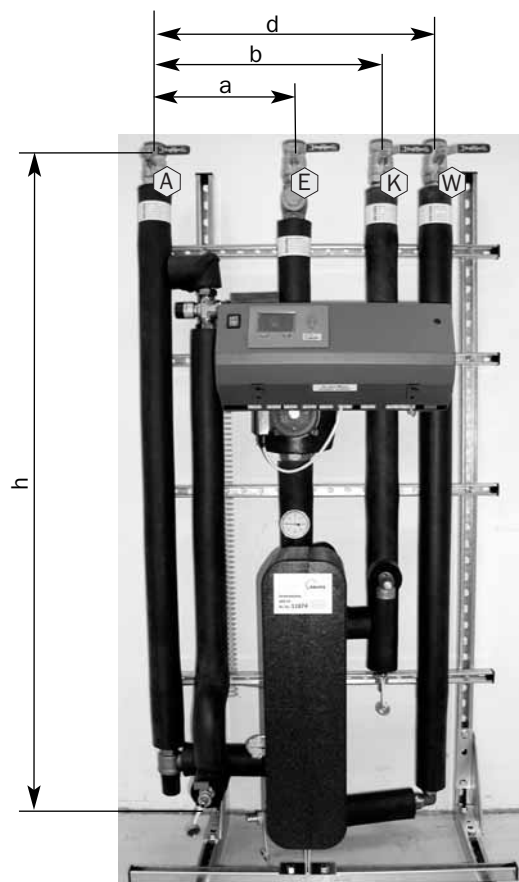
- 1 SolvisStrato stratified buffer tank
- 2 Fresh water station FWS-xxx
- 4 Solar collectors
- 5 Solar heat transfer station SÜS-XX
- 6 VSM-SC Volume flow measuring unit

On-site assemblies:

- A Overflow valve



### SolvisVital – Complete system with hot water storage tank



Dimensions: VWS-xxx Pre-heating station