

5 Typical Applications

5.1 Application 1

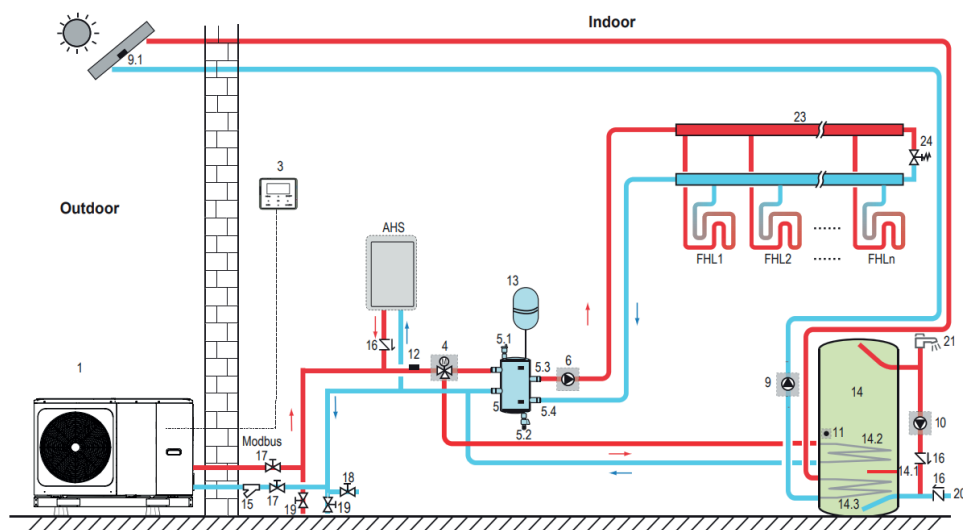


Figure 1-5.1: Application 1

Legend			
1	Outdoor unit	14	Domestic hot water tank (Field supply)
3	User interface	14.1	TBH: Domestic hot water tank booster heater (Field supply)
4	SV1:3-way valve (Field supply)	14.2	Coil 1, heat exchanger for heat pump
5	Balance tank (Field supply)	14.3	Coil 2, heat exchanger for Solar energy
5.1	Automatic bleed valve	15	Filter (Accessory)
5.2	Drainage valve	16	Check valve (Field supply)
5.3	Tbt1: Balance tank upper temperature sensor (Optional)	17	Shut-off valve (Field supply)
5.4	Tbt2: Balance tank lower temperature sensor (Optional)	18	Filling valve (Field supply)
6	P_o: Zone A circulation pump (Field supply)	19	Drainage valve (Field supply)
9	P_s: Solar pump (Field supply)	20	Tap water inlet pipe (Field supply)
9.1	Tsolar: Solar temperature sensor (Optional)	21	Hot water tap (Field supply)
9.2	Solar panel (Field supply)	23	Collector/distributor (Field supply)
10	P_d: DHW pipe pump (Field supply)	24	Bypass valve (Field supply)
11	T5: Domestic water tank temperature sensor (Accessory)	FHL1...n	Floor heating loop (Field supply)
12	T1: Water flow temperature sensor (Optional)	AHS	Auxiliary heat source (Field supply)
13	Expansion vessel (Field supply)		

Notes:

1. The example is just for application illustration; please confirm the exact installation method according to the installation manual.