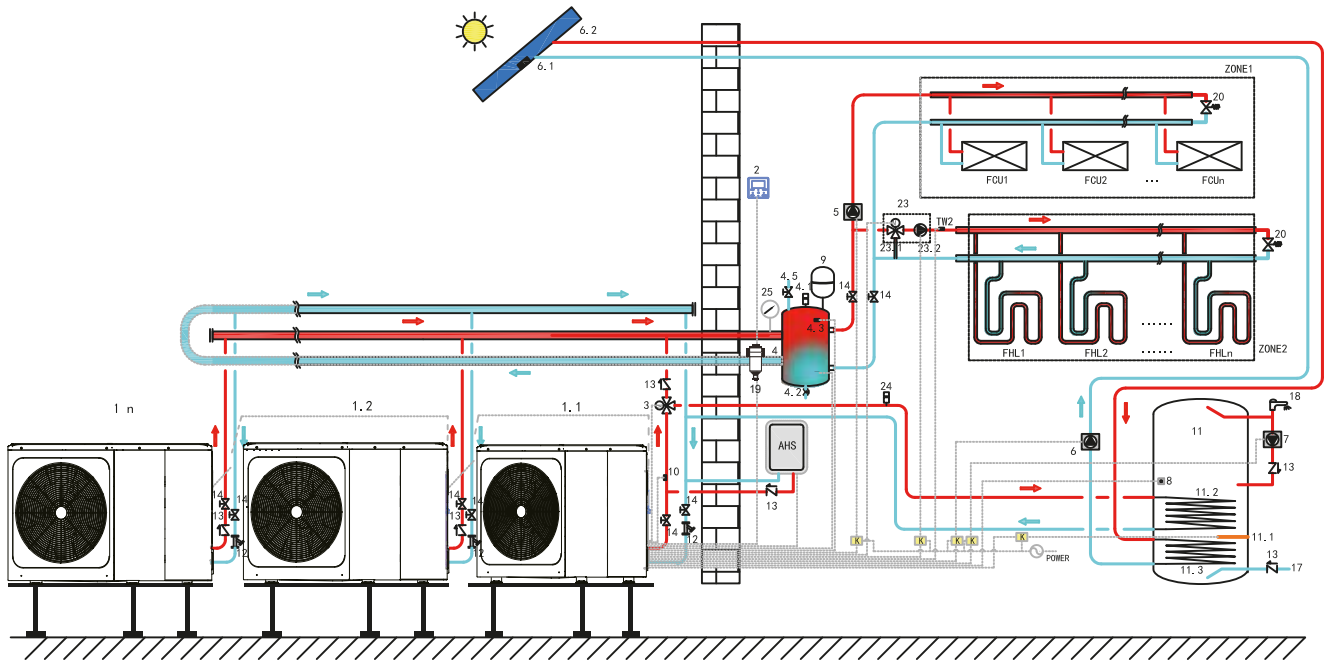


## NOTE

- 1) Zone 2 can only operate in heating mode. When cooling mode is set on user interface and zone 1 is OFF, "CL" in zone 2 closes, system still keeps "OFF". While installation, the wiring of thermostats for zone 1 and zone 2 must be correct.
- 2) Drainage valve must be installed at the lowest position of the piping system.

### 8.3 Cascade system



| Code    | Assembly unit   | Code | Assembly unit   | Code | Assembly unit                               |
|---------|---|------|---|------|---|
| 1.1     | Master unit   | 5    | P_O:Outside circulation pump (Field supply)           | 11.1 | TBH: Domestic hot water tank booster heater |
| 1.2...n | Slave unit  | 6    | P_S: Solar pump (Field supply)                        | 11.2 | Coin 1,heat exchanger for heat pump         |
| 2       | User interface  | 6.1  | Tsolar:Solar temperature sensor (Optional)            | 11.3 | Coin 2,heat exchanger for solar energy      |
| 3       | SV1:3-way valve (Field supply)                        | 6.2  | Solar panel (Field supply)                            | 12   | Filter (Accessory)                          |
| 4       | Buffer tank (Field supply)                            | 7    | P_D:DHW pipe pump (Field supply)                      | 13   | Check valve (Field supply)                  |
| 4.1     | Automatic air purge valve                             | 8    | T5:Domestic water tank temperature sensor (Accessory) | 14   | Shut-off valve (Field supply)               |
| 4.2     | Drainage valve  | 9    | Expansion vessel (Field supply)                       | 17   | Tap water inlet pipe (Field supply)         |
| 4.3     | Tbt1:Balance tank upper temperature sensor (optional) | 10   | T1:Total water flow temperature sensor (Optional)     | 18   | Hot water tap (Field supply)                |
| 4.5     | Filling valve   | 11   | Domestic hot water tank (Field supply)                | 19   | Magnetic filter                             |