

NOTE

1. Maximum 6 units can be cascaded in one system. One of them is master unit, the others are slave units; Master unit and slave units are distinguished by whether connected to wired controller while powering on. The unit with wired controller is master unit, units without wired controller are slave units; Only master unit can operate in DHW mode. While installation, please check the cascade system diagram and determine the master unit; Before powering on, remove all wired controllers of slave units.
2. SV1, SV2, SV3, P_O, P_C, P_S, T1, T5, TW2, Tbt1, Tsolar, SL1SL2, AHS, TBH, interface are only need to be connected to corresponding terminals on main board of master unit. Please refer to 9.3.1 and 9.7.6.
3. The system is with auto-addressing function. After initial powering on, the master unit will assign addresses for slave units. Slave units will keep the addresses. After powering on again, slave units will still use the previous addresses. The addresses of slave units aren't need set again.
4. If Hd error occurs, please refer to 13.4.
5. It is suggested to use the reversed return water system in order to avoid hydraulic imbalance between each unit in a cascade system.

CAUTION

1. In cascade system, Tbt1 sensor must be connected to master unit and set Tbt1 valid on user interface (refer to 10.5.15). Or all slave units will not work;
2. If outside circulation pump need to be connected in series in system when the head of internal water pump is not enough, outside circulation pump is suggested to be installed after the balance tank.
3. Please ensure that the maximum interval of power-on time of all units doesn't exceed 2min, otherwise the time for querying and allocating addresses will be missed, which may cause the slaves to fail to communicate normally and report Hd error.
4. Maximum 6 units can be cascaded in one system.
5. The outlet pipe of each unit must be installed with a check valve.

8.4 Balance tank volume requirement

NO.	model	Balance tank (L)
1	6-10 kW	≥ 40
2	12~16 kW	≥ 60
3	Cascade system	≥ 60*n

n:The outdoor unit numbers

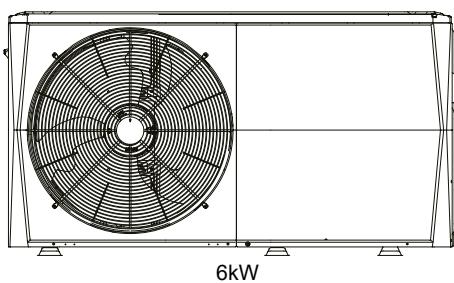
9 OVERVIEW OF THE UNIT

9.1 Disassembling the unit

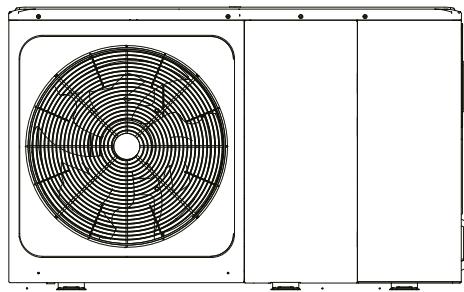
Door 1 To access to the compressor and electrical parts and hydraulic compartment

Door 1 To access to the compressor and electrical parts.

Door 2 To access to the hydraulic compartment and electrical parts.



6kW



8/10/12/14/16kW

WARNING

- Switch off all power — i.e. unit power supply and backup heater and domestic hot water tank power supply (if applicable) — before removing door 1 and door 2.
- Parts inside the unit may be hot.