

Gas separator Installation Instruction

Propane (R290) is an efficient, environmentally friendly and promising natural refrigerant, but its highly flammable and explosive properties require special attention. A fire and/or explosion may occur if R290 leaks. To reduce the fire hazards, a gas separator has been designed to prevent the transfer of refrigerant from the heat pump to the house. It should always be installed and the instruction is shown as below.

Table

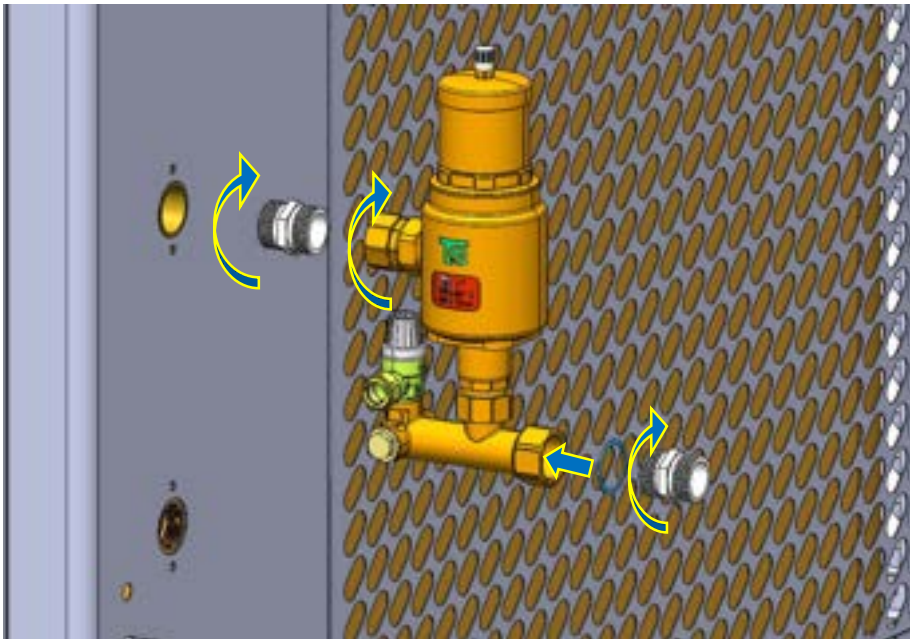
1. Parts Introduction.....	3
2. Installation Steps.....	4
2.1 Install the 1" double-ended male connectors and gas separator to the unit...	4
2.2 Connect the inlet water pipe.....	5
2.3 Remove the top plastic cover.....	5
2.4 Install the insulation shell.....	6
2.5 Install the anti-freeze valve(if required) and check valve on the water inlet pipe.....	7
2.6 Install the drainpipe.....	8

1. Parts Introduction

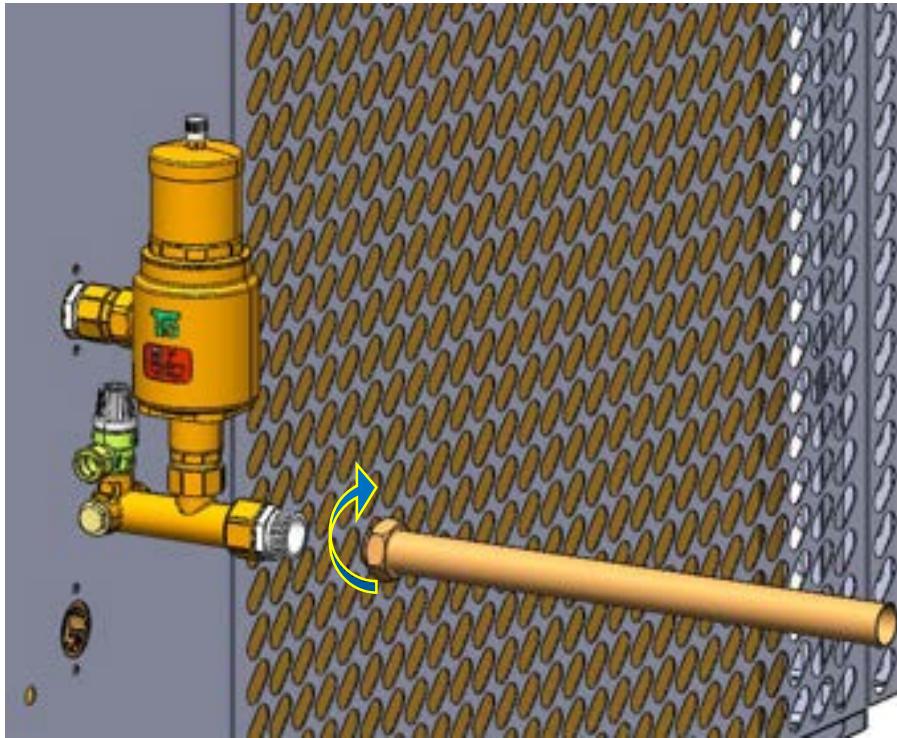
①	Insulation shell (Included)	
②	Gas separator and Safety valve (Included)	
③	Connector-1"double-ended male*4 (Included)	
④	Check Valve (Included)	
⑤	Seal (Included)	
⑥	Anti-freeze Valve (Not included; for your use reference only)	
⑦	Drainage Hose/Drainpipe (Not included; for your use reference only)	

2. Installation Steps

2.1 Install the 1" double-ended male connectors and gas separator to the unit.



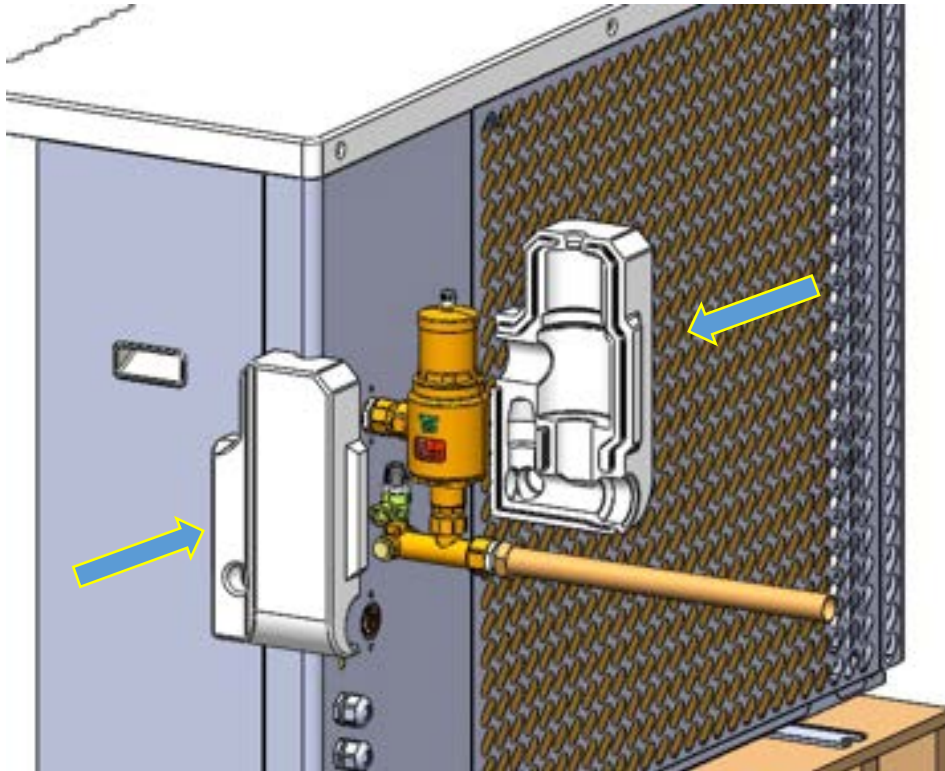
2.2 Connect the inlet water pipe.



2.3 Remove the top plastic cover

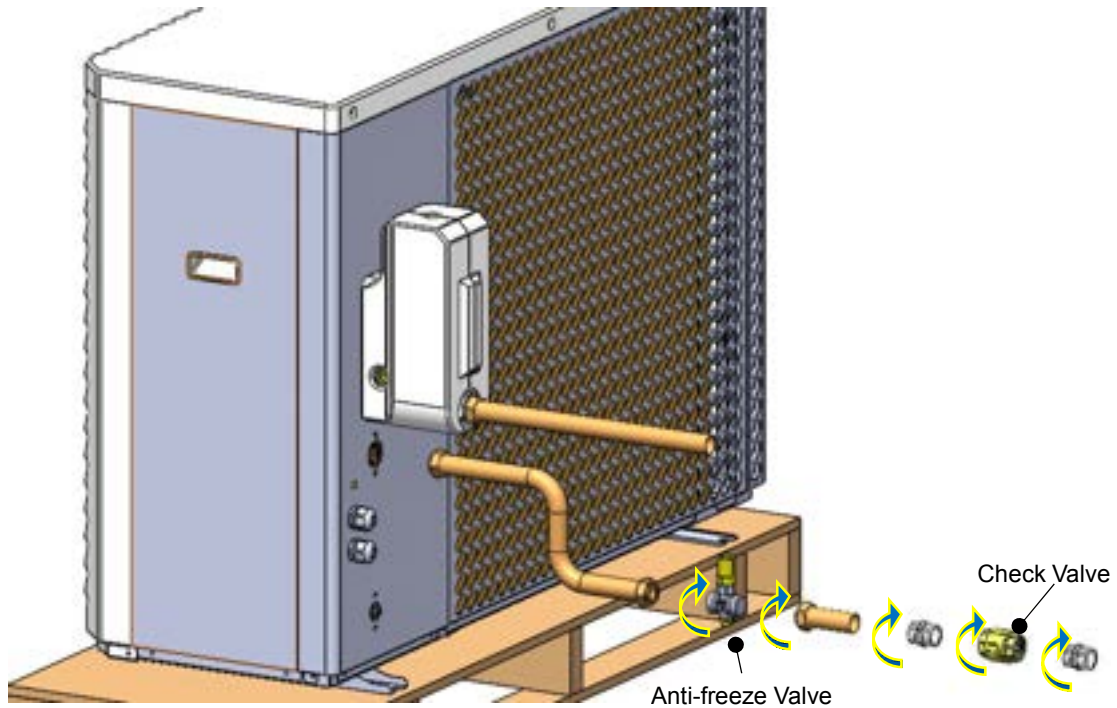


2.4 Install the insulation shell.

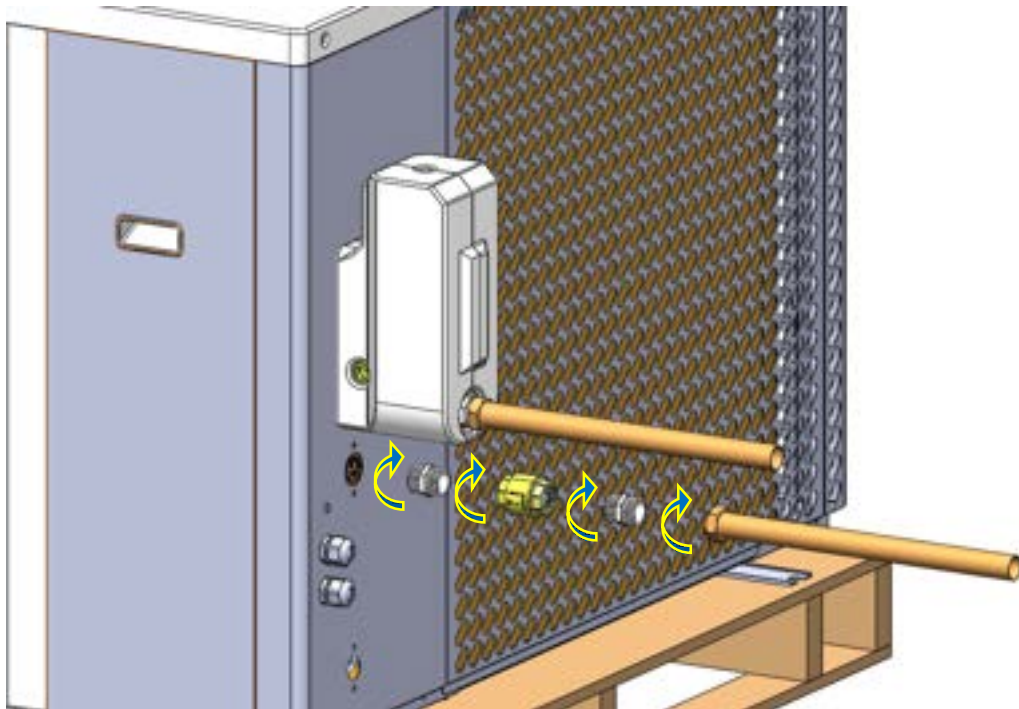


2.5 Install the anti-freeze valve(if required) and check valve on the water inlet pipe.

2.5.1 With anti-freeze valve (Anti-freeze valve must be installed before the check valve.)



2.5.2 Without anti-freeze valve



2.6 Install the drainpipe.

