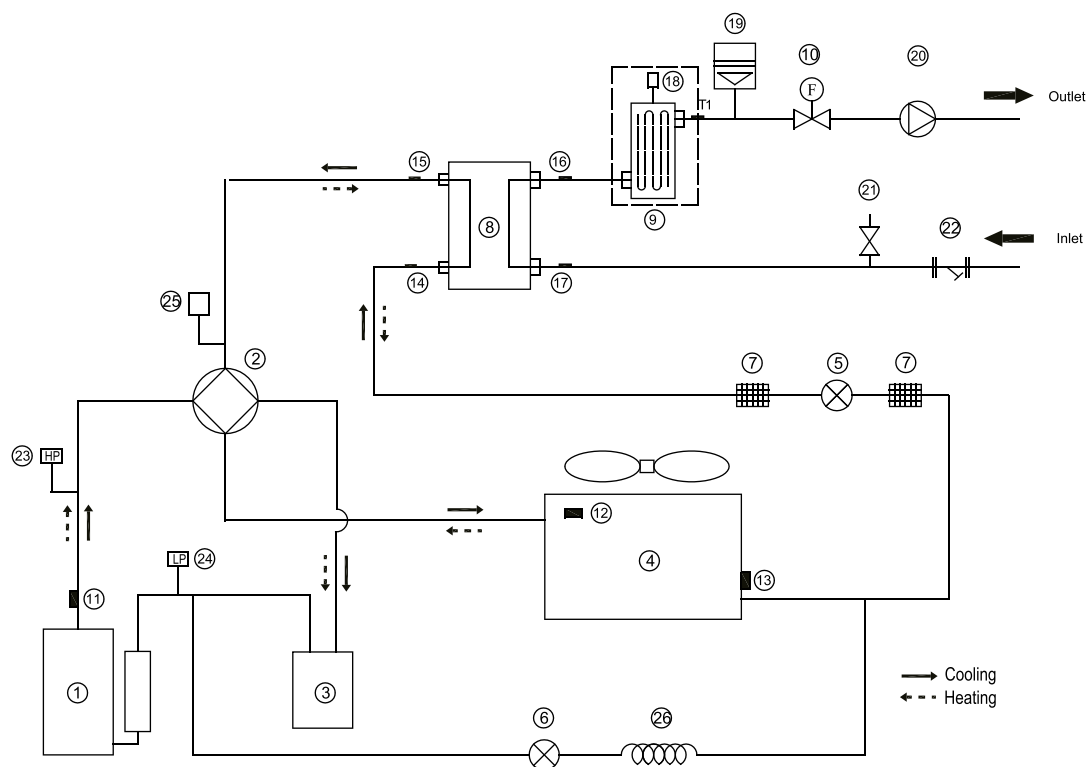


ANNEX A: Refrigerant cycle



Item	Description	Item	Description
1	Compressor	14	Refrigerant inlet (liquid pipe) temperature sensor
2	4-Way Valve	15	Refrigerant outlet (gas pipe) temperature sensor
3	Gas-liquid separator	16	Water outlet temperature sensor
4	Air side heat exchanger	17	Water Inlet temperature sensor
5	Electronic expansion Valve	18	Automatic air purge valve
6	Single-way electromagnetic valve	19	Expansion vessel
7	Strainer	20	Circulating pump
8	Water Side Heat Exchanger (Plate Heat Exchange)	21	Pressure relief valve
9	Backup heater (optional)	22	Y-shape filter
10	Flow switch	23	High Pressure Switch
11	Discharge gas sensor	24	Low Pressure Switch
12	Outdoor temperature sensor	25	Pressure sensor
13	Evaporation sensor in heating (Condenser sensor in cooling)	26	Capillary