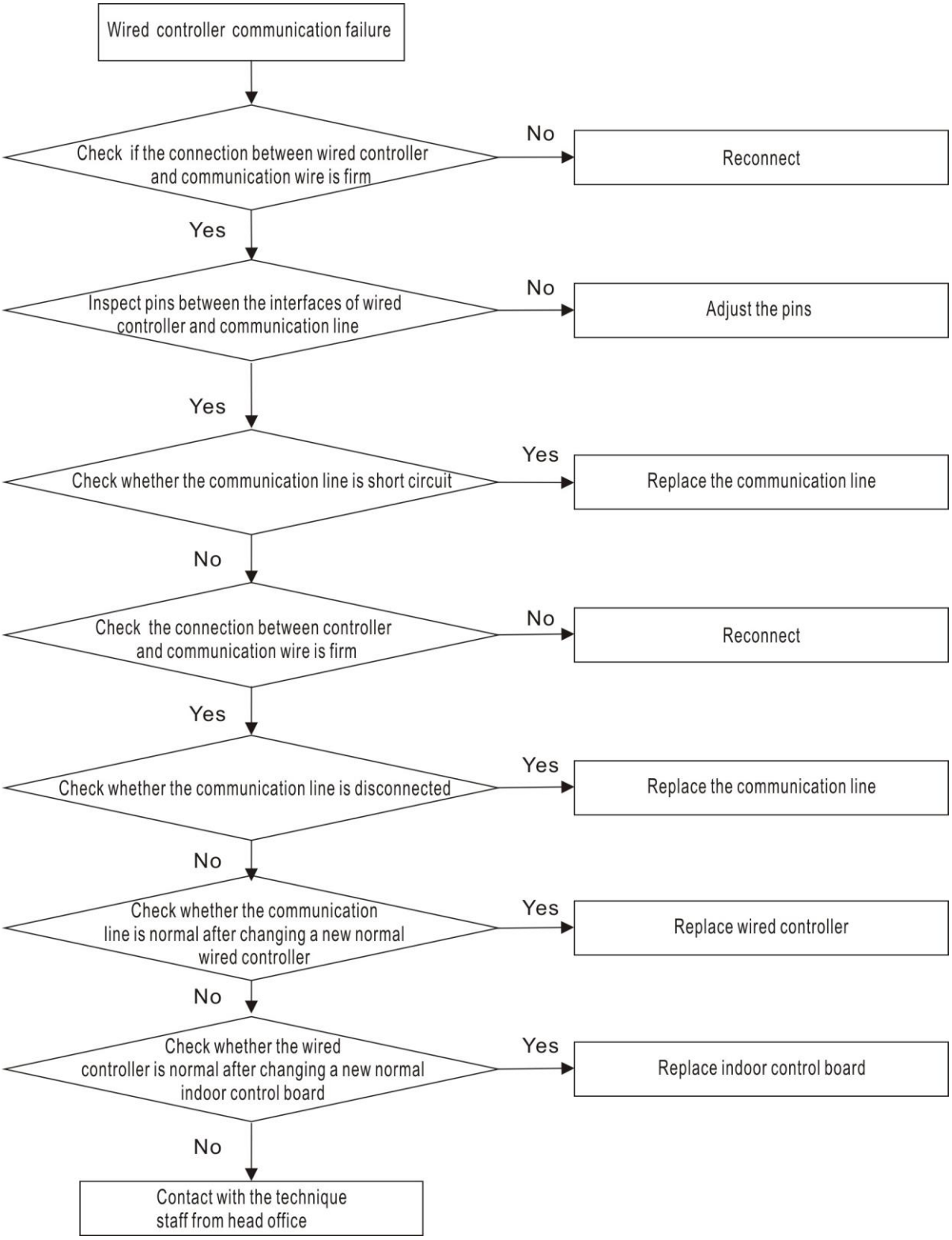
Part11 Trouble Shooting

1. Failure code display

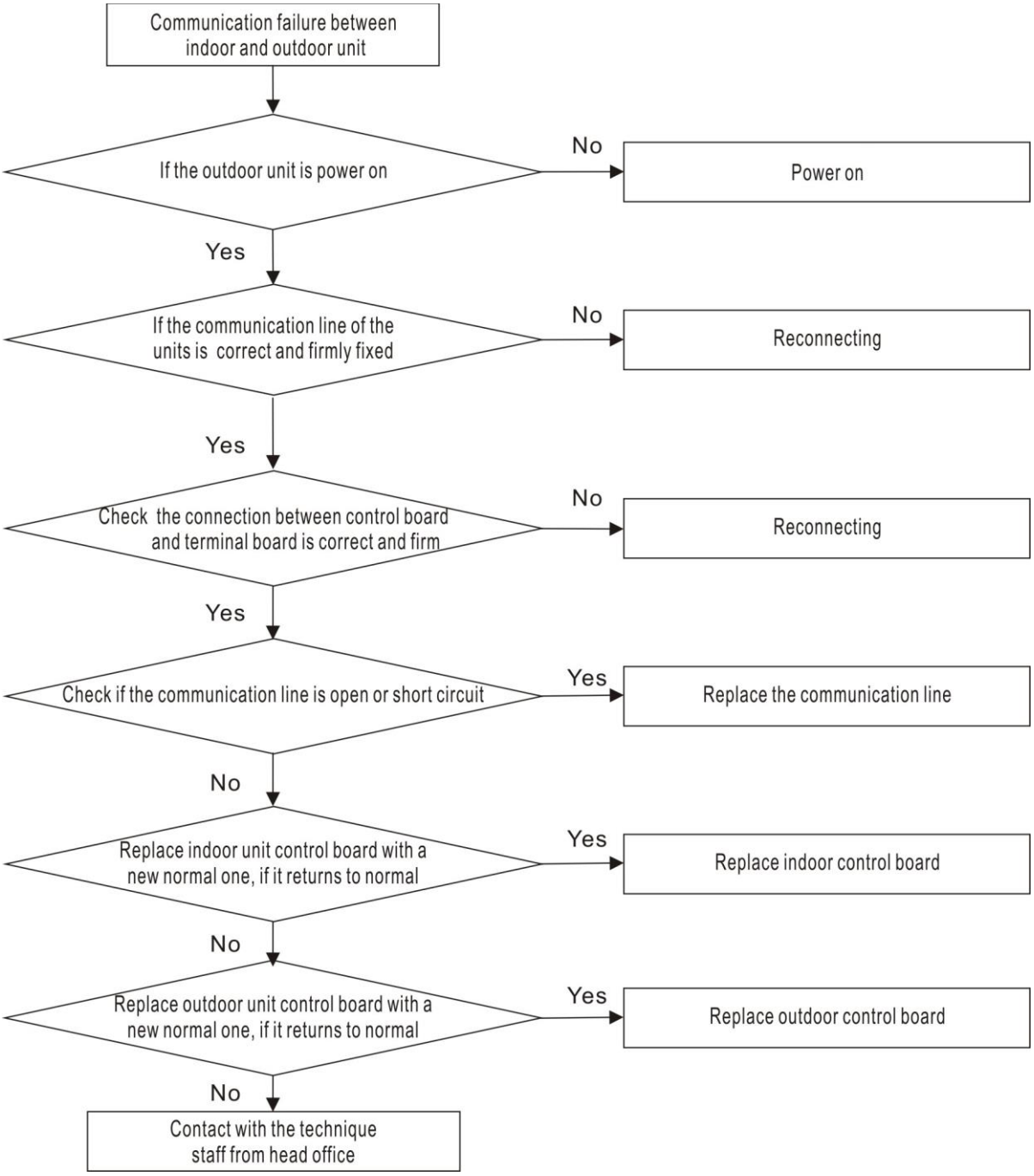
SN	ERROR CODE (Display board) (Wired controller)	DESCRIPTION
1	31	Fault with the inverter module protection
2	35	Fault with the over-electric current protection
3	36	Fault with the over-voltage or low voltage protection
4	38	Fault with the Compressor Power supply Phase deficiency protection
5	3E	Fault with the compressor start
6	3H	Fault with the Fan motor of outdoor unit
7	A1	Fault with the room temperature sensor (Tico) on the indoor unit
8	A2	Fault with the temperature sensor (Ticm) on the indoor unit
9	A5	Fault with the drainage
10	A6	Fault with the Fan motor of indoor unit
11	A9	Communication error between the outdoor unit and the indoor unit
12	AA	Communication error between the wired controller and main PCB of the indoor unit
13	AJ	Fault with anti-Frozen protection of indoor unit in heating model
14	C1	Fault with the Environmental temperature sensor(Tao) on the outdoor unit
15	C3	fault with the discharge temperature sensor
16	C6	fault with the suction temperature sensor
17	C8	Fault with the temperature sensor (Ticm) on the outdoor unit
18	E1	fault of four-way valve
19	E3	Protection high temperature discharge
20	E8	Fault with anti-high temperature protection of indoor unit in heating model
21	F6	fault with the low pressure
22	FH	Protection lower temperature discharge
23	H1	fault with the High-pressure switch
24	H4	fault with the low-pressure switch
25	J3	Communication error between the driver PCB and main PCB of the outdoor unit
26	J6	Communication error between the driver PCB and main PCB of the indoor unit
27	J7	Fault with the outdoor unit EPROM

2. Failure analysis

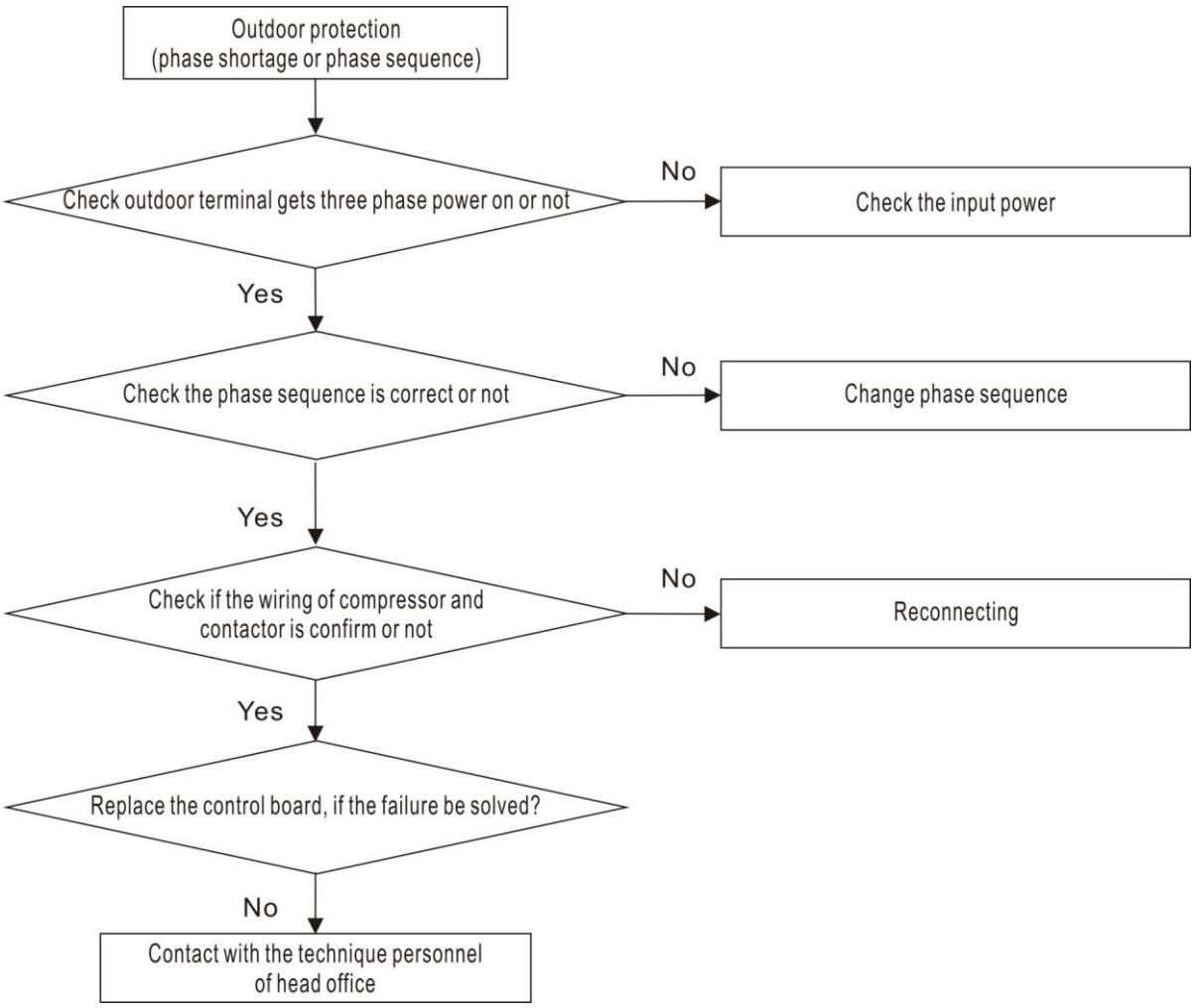
2.1【AA】Wired controller communication failure



2.2【A9】Communication failure between indoor and outdoor unit

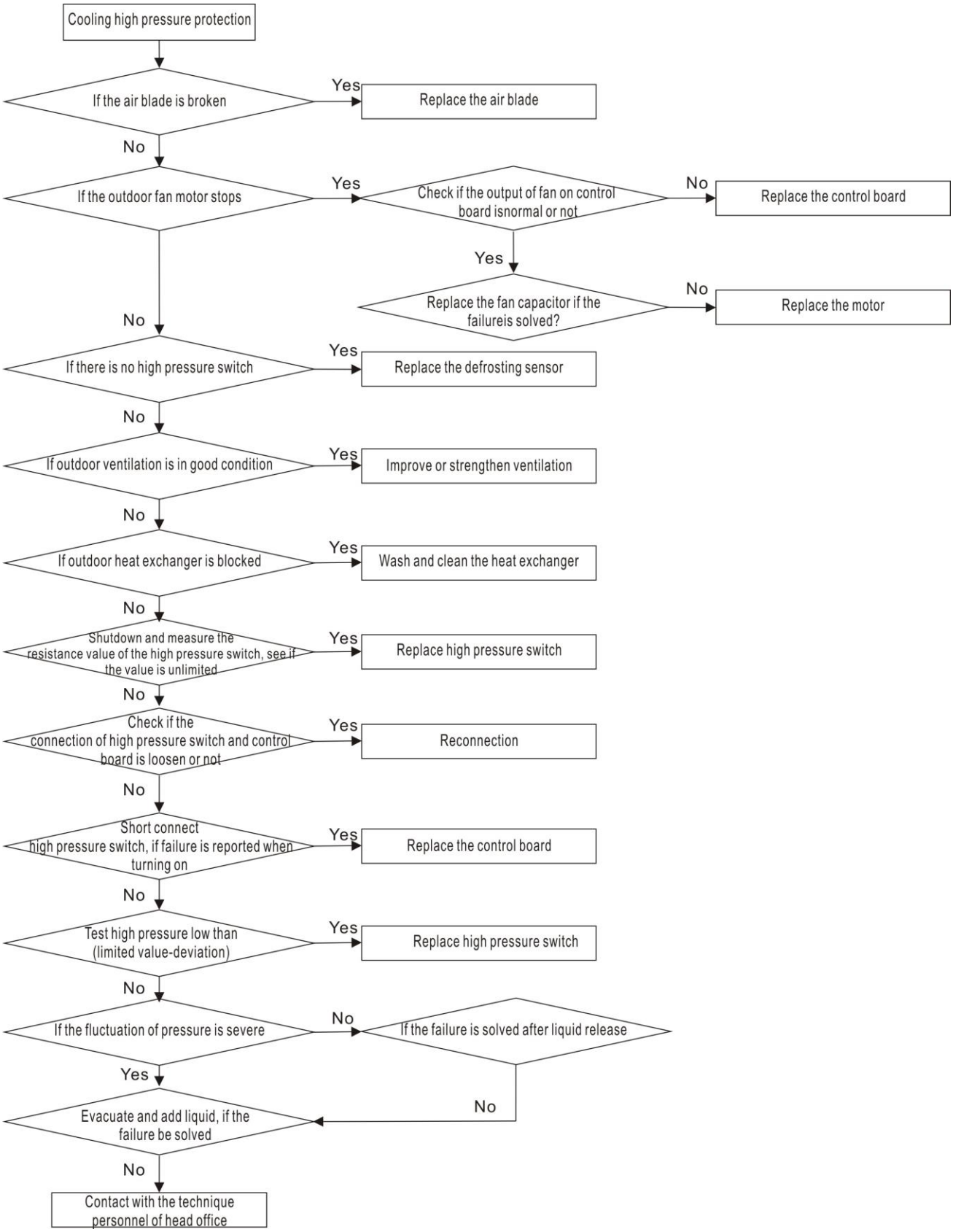


Outdoor protection(phase sequence)

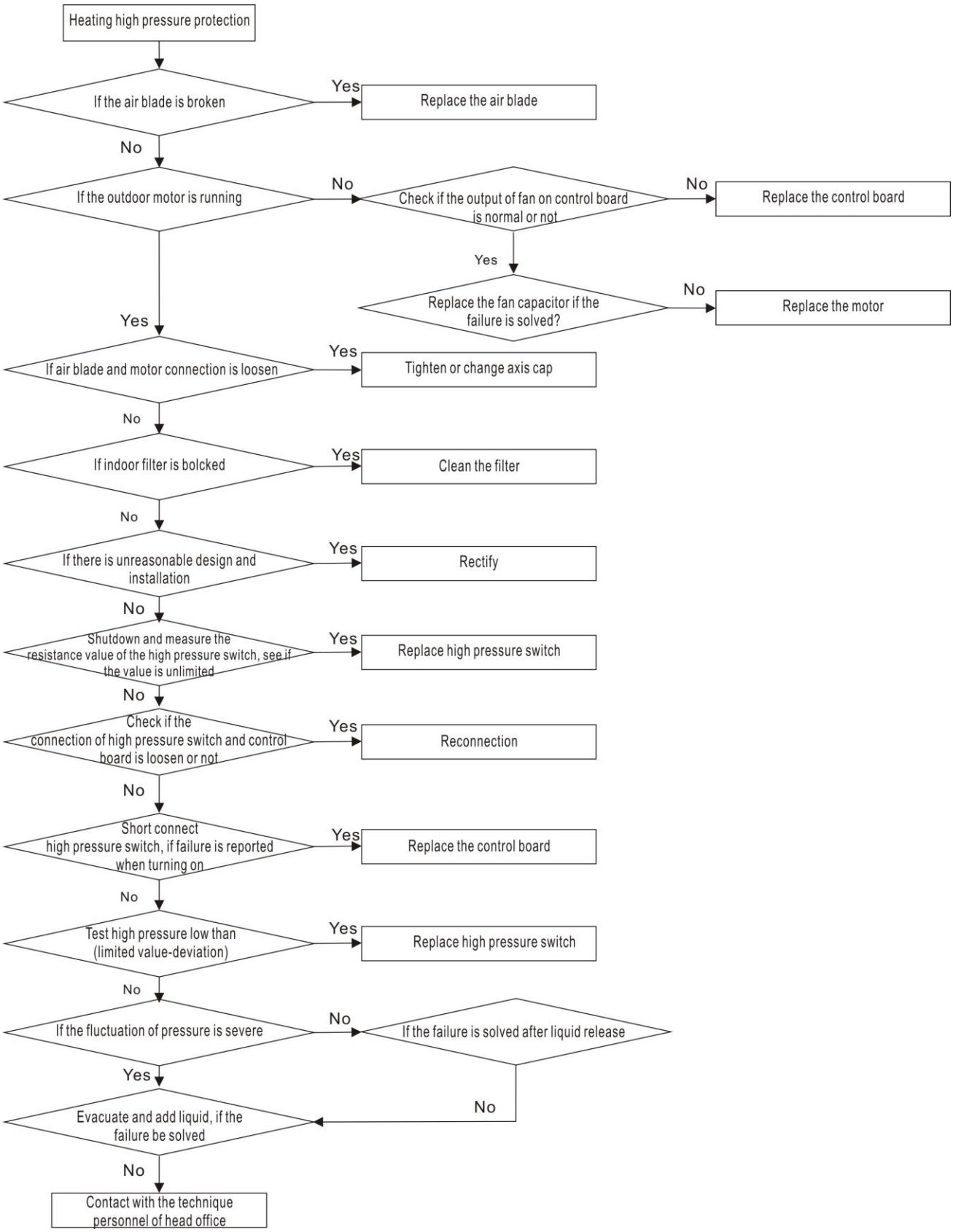


2.3【H1】high pressure protection

Cooling high pressure protection

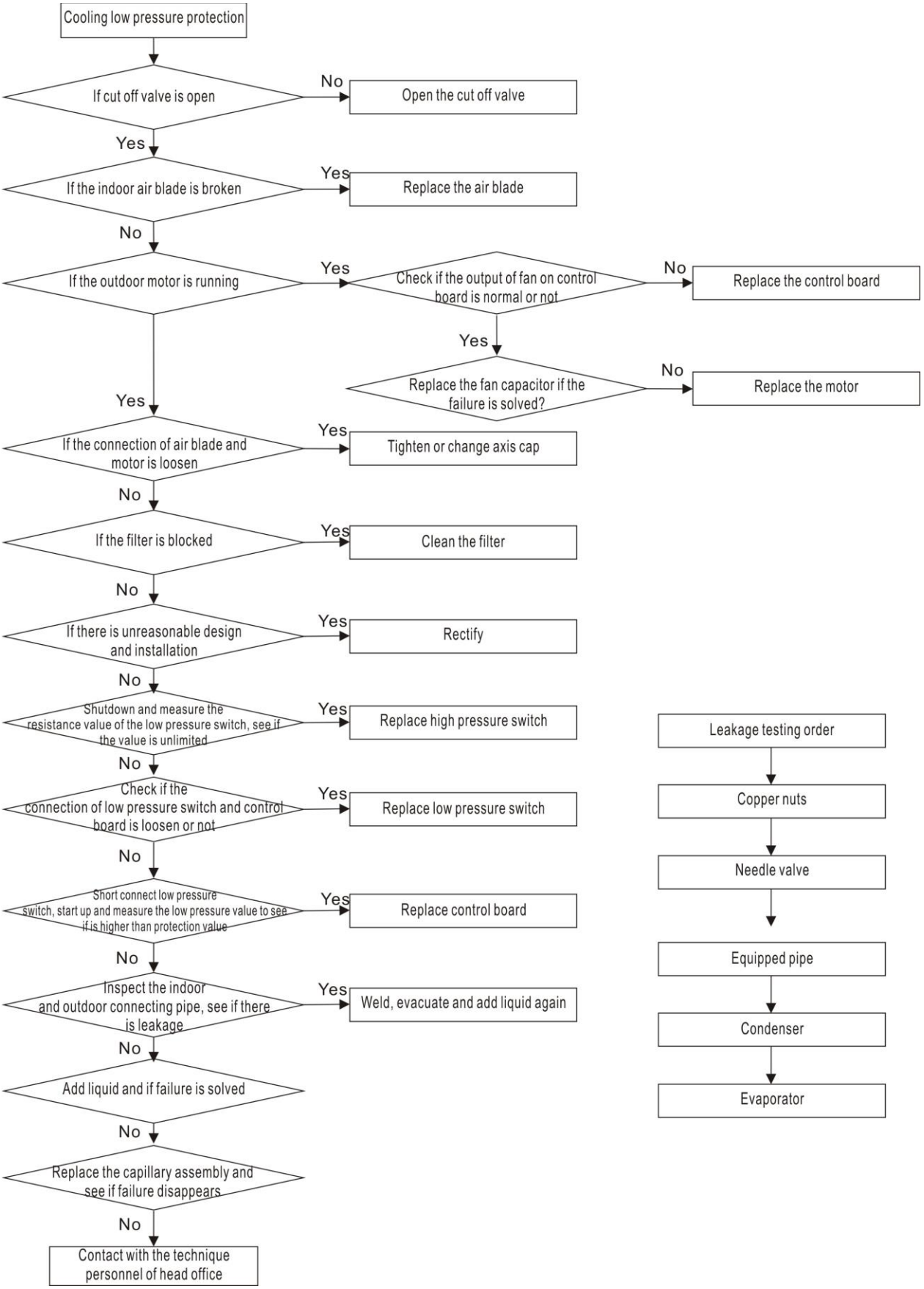


Heating high pressure protection



2.4【H4】low pressure protection

2.4.1Cooling low pressure protection

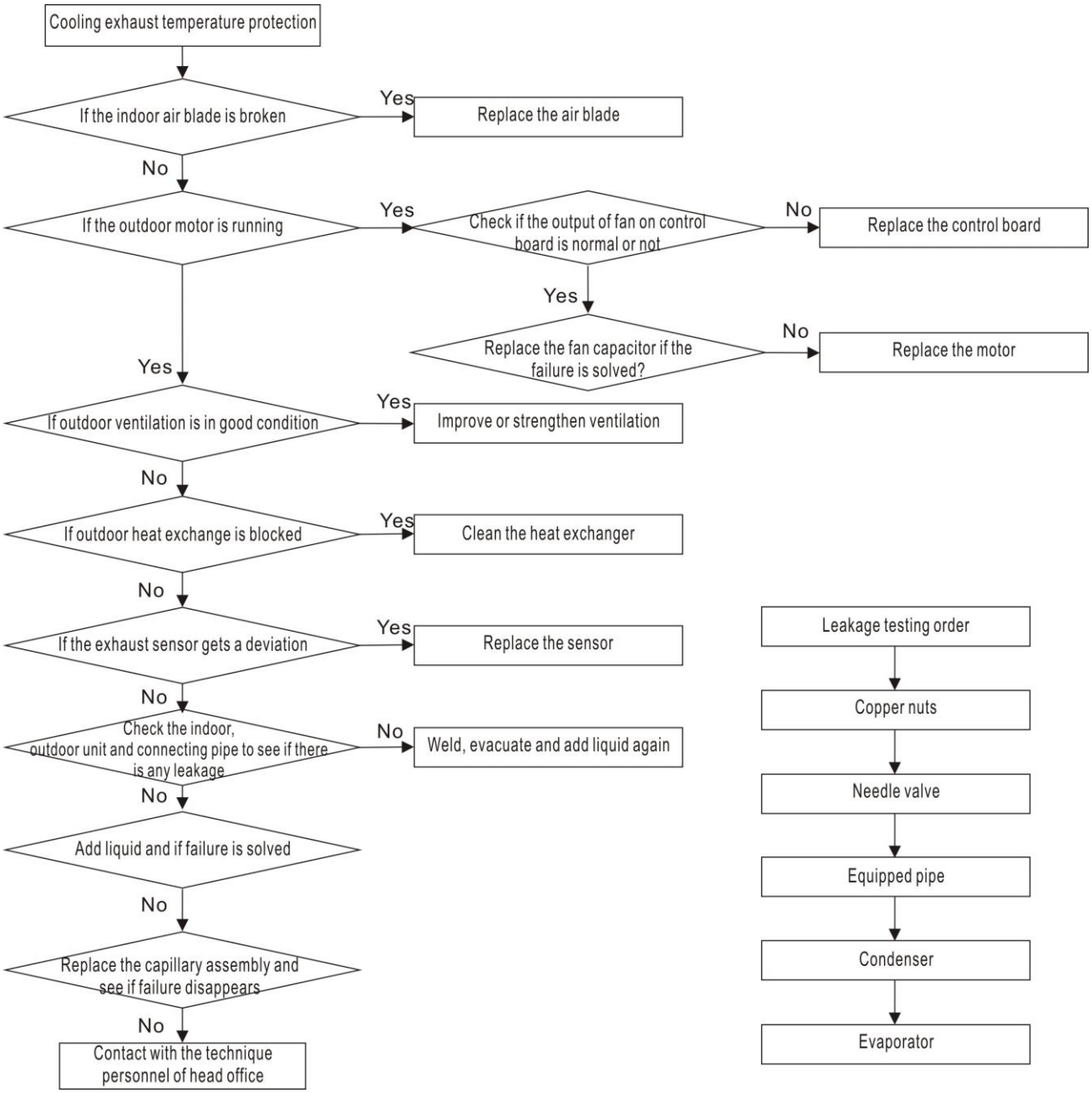


2.4.2Heating low pressure protection

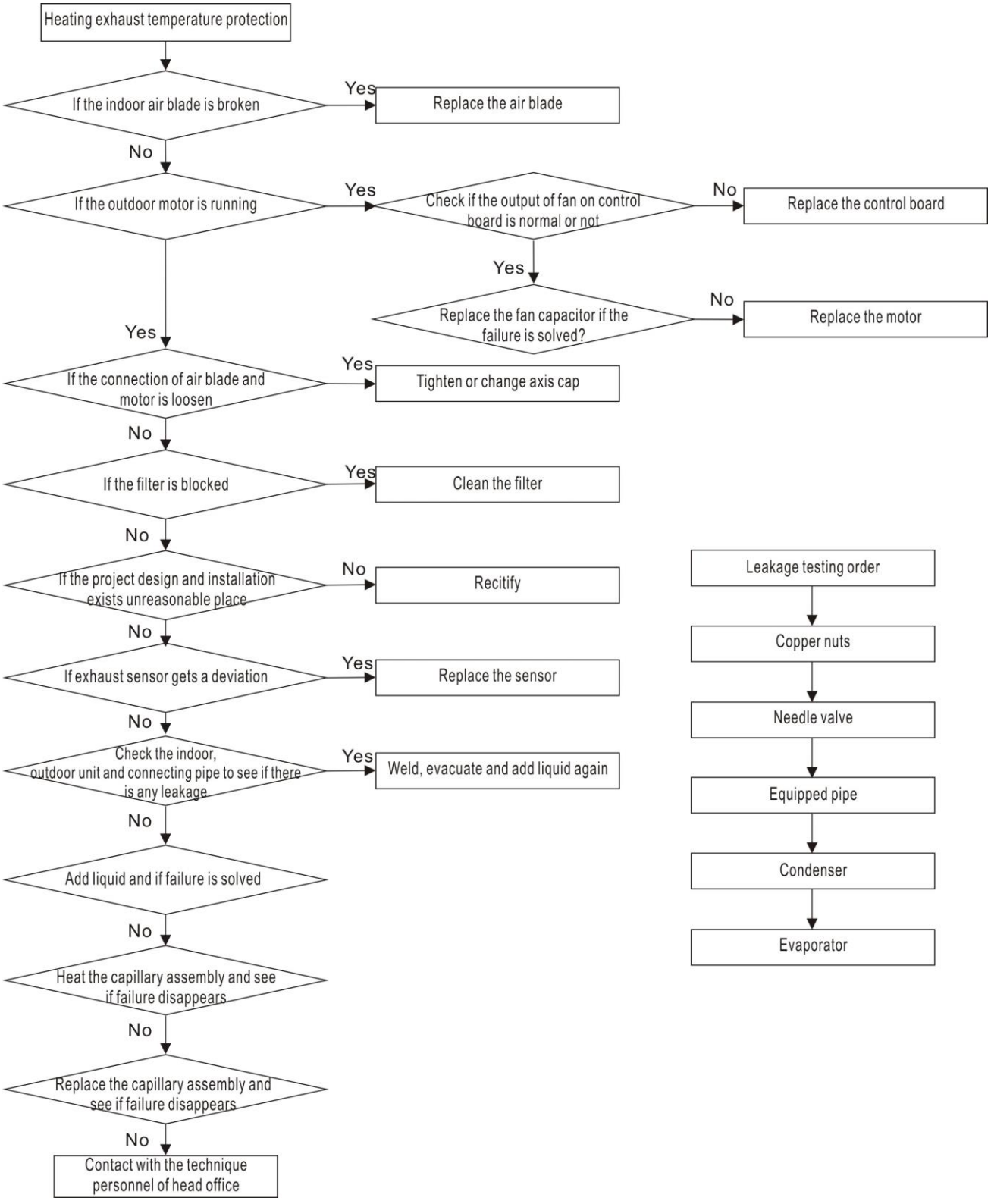


2.5【E3】High exhaust temperature protection

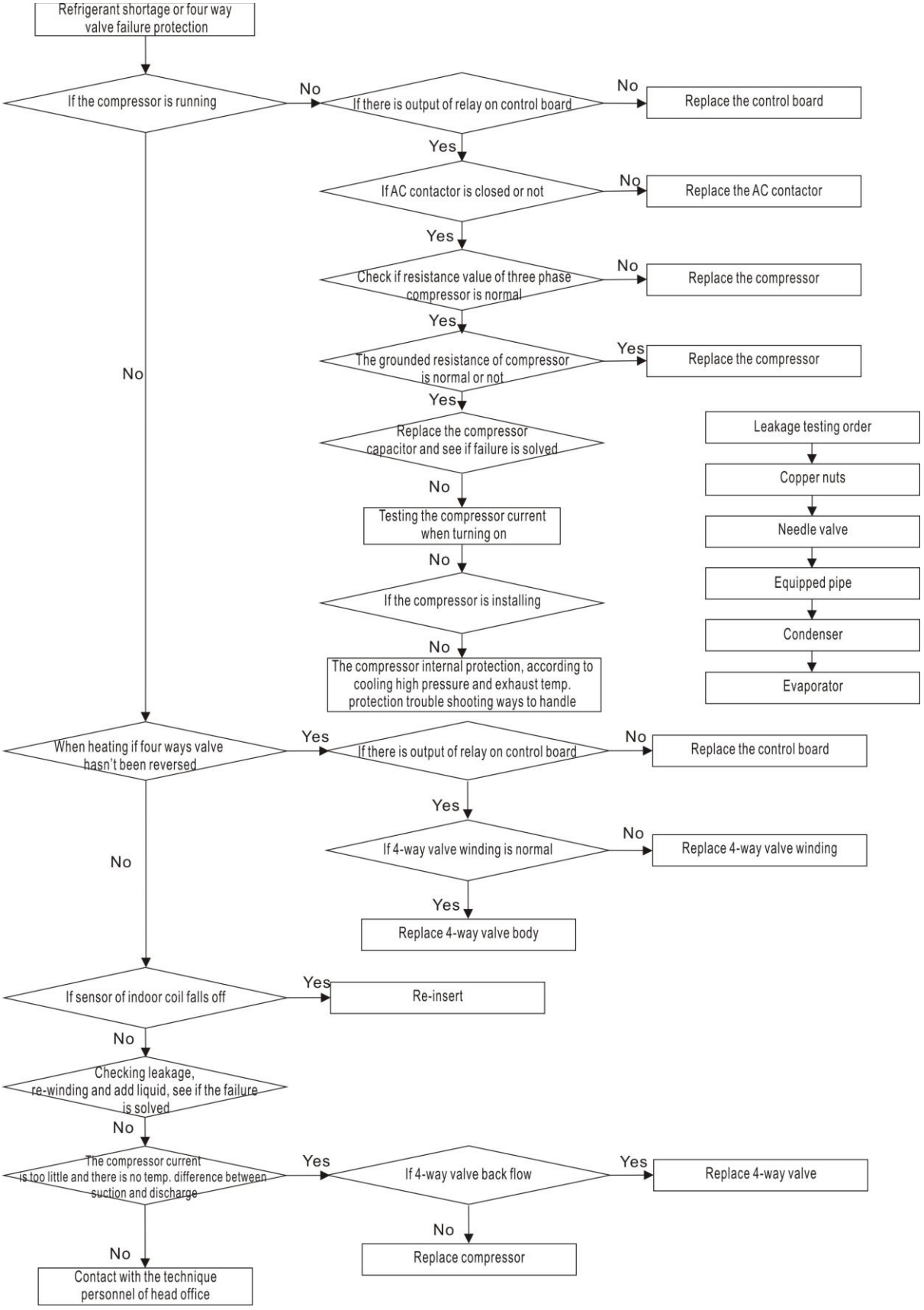
Cooling exhaust temperature protection



Heating exhaust temperature protection



2.6【E1】four way valve failure protection



2.7 Sensor failure protection

