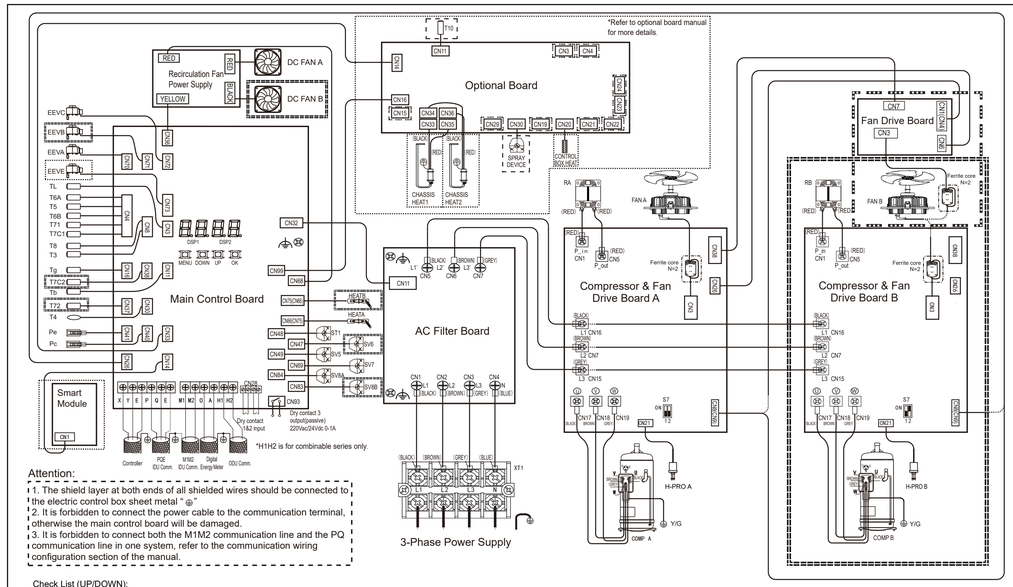
MARKER	GRADE	NUMBER	ECO NO.	SIGNATURE	DATE	INTERCHANGEABILITY	REMARK

400mm

295mm



Attention:

1. The shield layer at both ends of all shielded wires should be connected to the electric control box sheet metal " ⏚ ".
2. It is forbidden to connect the power cable to the communication terminal, otherwise the main control board will be damaged.
3. It is forbidden to connect both the M1M2 communication line and the PQ communication line in one system, refer to the communication wiring configuration section of the manual.

CODE	NAME
COMP A/COMP B	Compressor
EEV A/B/C/E	Electronic expansion valve
FAN A/FAN B	DC Fan
DC FAN A/DC FAN B	Recirculation Fan
HEATA/HEATB	Crankcase heater
RA/RB	Reactor
ST1	Four-way valve
SV5-SV8B	Solenoid valve
H-PRO A/H-PRO B	High pressure ON/OFF switch
Pc	High pressure sensor
Pe	Low pressure sensor
T3	Main exchanger pipe temperature sensor
T4	Outdoor ambient temperature sensor
T5	Liquid stop valve inlet temperature sensor
T6A	Microchannel heat exchanger inlet temperature sensor
T6B	Microchannel heat exchanger outlet temperature sensor
T7C1/T7C2	Discharge temperature sensor
T71/T72	Suction temperature sensor
T8	Condenser inlet temperature sensor
TL	Condenser outlet temperature sensor
Tg	Gas pipe temperature sensor
Tb	Electric control box chamber temperature sensor
XT1	Terminal block

- - - -	(optional): requires field installation of separately purchased parts.
.....	(customized): after customization, installation is completed at the factory.
— — — —	(reserved): the port is welded on the main board, but the unit doesn't use the port.
-·-·-·-·-	for specific models only
▭▭ ▭▭	for models with 1 compressor and 2 fans
= = = = =	for models with 2 compressors and 2 fans

Check List (UP/DOWN):

DISP.	CONTENT	DISCRIPTION
- -	Standby (ODU address+ IDU quantity)/ frequency/special status	
0	ODU address	0~3
1	ODU capacity	Unit: HP
2	Quantity of ODUs	1~4
3	Setting quantity of IDUs	
4	Total capacity of ODU system	Displayed on master ODU only
5	Target frequency of this ODU	Displacement frequency
6	Target frequency of ODU system	Displacement frequency=DISP. *10
7	Actual frequency of compressor A	Actual frequency
8	Actual frequency of compressor B	Actual frequency
9	Operating mode	[0] OFF
		[2] Cooling
		[3] Heating
		[5] Main cooling
		[6] Main heating
10	Fan speed 1	Unit: RPM
11	Fan speed 2	Unit: RPM
12	T2 average	Actual temperature=DISP. Unit:°C
13	T2B average	Actual temperature=DISP. Unit:°C

DISP.	CONTENT	DISCRIPTION
14	T3	Actual temperature=DISP. Unit:°C
15	T4	Actual temperature=DISP. Unit:°C
16	T5	Actual temperature=DISP. Unit:°C
17	T6A	Actual temperature=DISP. Unit:°C
18	T6B	Actual temperature=DISP. Unit:°C
19	T7C1	Actual temperature=DISP. Unit:°C
20	T7C2	Actual temperature=DISP. Unit:°C
21	T71	Actual temperature=DISP. Unit:°C
22	T72	Actual temperature=DISP. Unit:°C
23	T8	Actual temperature=DISP. Unit:°C
24	NTC_max	Actual temperature=DISP. Unit:°C
25	T9	Actual temperature=DISP. Unit:°C
26	TL	Actual temperature=DISP. Unit:°C
27	Discharge superheat degree	Actual temperature=DISP. Unit:°C
28	Primary current	Actual current=DISP./10 Unit:A
29	Compressor A current	Actual current=DISP./10 Unit:A
30	Compressor B current	Actual current=DISP./10 Unit:A
31	EEVA position	Actual value=DISP. *24
32	EEVB position	Actual value=DISP. *24
33	EEVC position	Actual value=DISP. *4

DISP.	CONTENT	DISCRIPTION
34	EEVE position	Actual value=DISP. *4
35	High pressure of unit	Actual pressure=DISP. /100 Unit:MPa
36	Low pressure of unit	Actual pressure=DISP. /100 Unit:MPa
37	Quantity of online IDUs	Actual quantity
38	Quantity of running IDUs	Actual quantity
39	Heat exchanger status	[0] OFF
		[1] C1
		[2] D1
		[3] D2
		[4] E1
		[5] F1
		[6] F2
40	Special mode	[0] Not in special mode
		[1] Oil return
		[2] Defrost
		[3] Startup
		[4] Stop
		[5] Quick check
		[6] Self cleaning
41	Silent mode setting	0~14 represent different modes
42	Static pressure mode	[0] 0Pa
		[1] 20Pa
		[2] 40Pa
		[3] 60Pa

DISP.	CONTENT	DISCRIPTION
42	Static pressure mode	[4] 80Pa
		[5] 100Pa
		[6] 120Pa
43	TES	Actual temperature=DISP. Unit:°C
44	TCS	Actual temperature=DISP. Unit:°C
45	DC voltage	Actual voltage Unit:V
46	AC voltage	Actual voltage Unit:V
47	Quantity of cooling mode IDUs	
48	Quantity of heating mode IDUs	
49	Capacity of cooling mode IDUs	
50	Capacity of heating mode IDUs	
51	Refrigerant volume	[0] No result
		[1] Critically insufficient
		[2] Significantly insufficient
		[3] Normal
		[4] Slightly excessive
		[5] Significantly excessive
52	Dirty blockage rate	0~10, 10 represents the worst
53	Fan error	
54	Software version	
55	Last error code	
56	Reserved	
57	Reserved	
58	Reserved	

DESIGN		MODEL	KHHZ1060HZAN3				
CQ BY							
PROESS		PART					
STANDARD		REL			REV.NO.	WEIGHT	SEALE
APPROVE		S	K		F	/	1:1
AUTHORIZE		TOTAL SHEETS			NO. OF SHEETS		