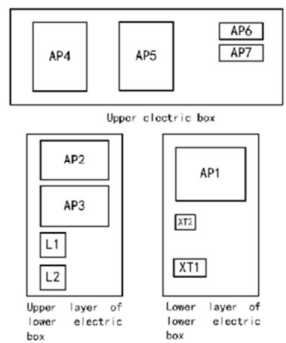


① Only applicable for the unit with electrical heating belt of chassis
 ② Only applicable for the unit with iron shell motor

Component layout



▲	CODE	NAME
AP1	Main control board	
AP2	Filter board 1	
AP3	Filter board 2	
AP4	Drive board of compressor 1	
AP5	Drive board of compressor 2	
AP6	Drive board of fan 1	
AP7	Drive board of fan 2	
COMP1	Compressor 1	
COMP2	Compressor 2	
EH1	Electric heating belt of compressor 1	
EH2	Electric heating belt of compressor 2	
EH3	Electric heating belt of chassis	
ERV1	Main electronic expansion valve for heating	
ERV2	Electronic expansion valve of subcooler	
ERV3	RFI electronic expansion valve 1	
ERV4	RFI electronic expansion valve 2	
HP1	High pressure switch 1	
HP2	High pressure switch 2	
L1	Reactor 1	
L2	Reactor 2	
L3	Bagnet ring	
L4	Bagnet ring	
L5	Bagnet ring	
L6	Bagnet ring	
L7	Bagnet ring	
L10	Bagnet ring	
L11	Bagnet ring	
L12	Bagnet ring	
L13	Bagnet ring	
L14	Bagnet ring	
L15	Bagnet ring	
L16	Bagnet ring	
M1	Fan motor 1	
M2	Fan motor 2	
RT1	Outdoor ambient temperature sensor	
RT2	She 1 log temperature sensor of inverter compressor 1	
RT3	Discharge temperature sensor of inverter compressor 1	
RT4	She 1 log temperature sensor of inverter compressor 2	
RT5	Discharge temperature sensor of inverter compressor 2	
RT6	Gas separator outlet pipe temperature sensor	
RT7	Gas separator inlet pipe temperature sensor	
RT9	Defrosting temperature sensor	
RT10	Subcooler liquid outlet temperature sensor	
RT11	Air out wt temperature sensor of subcooler	
SP1	Air inlet temperature sensor of subcooler	
SP2	Low pressure sensor	
XT1	Wiring board	
XT2	Wiring board	
Y1	Main 4-way valve for cooling	
Y2	Oil return solenoid valve 1	
Y3	Oil return solenoid valve 2	
Y4	Low-temperature oil return solenoid valve	
Y5	Solenoid valve of subcooler	
Y6	Air bypass valve	

Model:
 AOU-560VRDC3C
 Wiring Diagram

ALPICAIR
 2021-06-03