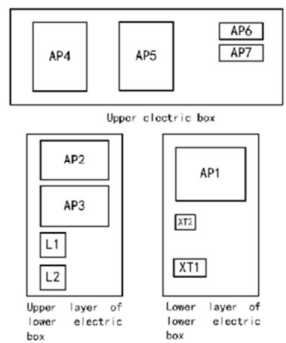


① Only applicable for the unit with electrical heating belt of chassis  
 ② Only applicable for the unit with iron shell motor

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	RFL electronic expansion valve 1
▲	ERV4	RFL 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	Sho 1 log temperature sensor of inverter compressor 1
▲	RT3	Discharge temperature sensor of inverter compressor 1
▲	RT4	Sho 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
▲	RT9	Subcooler liquid outlet temperature sensor
▲	RT10	Air out wt temperature sensor of subcooler
▲	RT11	Air inlet temperature sensor of subcooler
▲	SP1	Low pressure sensor
▲	SP2	High pressure sensor
▲	XT1	Wiring board
▲	XT2	Wiring board
▲	YV1	Main 4-way valve for cooling
▲	YV2	Oil return solenoid valve 1
▲	YV3	Oil return solenoid valve 2
▲	YV4	Low-temperature oil return solenoid valve
▲	YV5	Solenoid valve of subcooler
▲	YV6	Air bypass valve

Model:  
 AOU-504VRDC3C  
 Wiring Diagram

ALPICAIR  
 2021-06-03