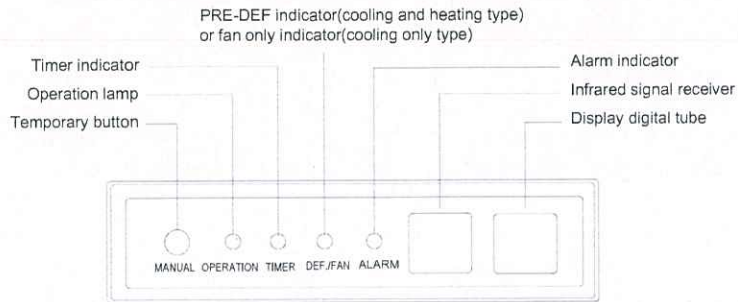


## 2. Troubleshooting

### 2.1 Display board

#### 2.1.1 Icon explanation on indoor display board (A6 Duct & High Static Pressure Duct)



### 2.2 Indoor unit malfunction

Malfunction	Error Code	Timer Lamp	Operation Lamp (flashes)
Indoor EEPROM malfunction	E0	X	1
Communication malfunction between indoor and outdoor units	E1	X	2
Indoor fan speed malfunction	E3	X	4
T1 temperature sensor open or short circuit	E4	X	5
T2 temperature sensor open or short circuit	E5	X	6
Refrigerant leakage detection	EC	X	7
Water level alarm malfunction	EE	X	8
Communication error between master and slave unit (for twins system)	E8	X	9
Another indoor unit malfunction (for twins system)	E9	X	10
Overcurrent protection (for some units)	F0	O	1
T4 temperature sensor open or short circuit	F1	O	2
T3 temperature sensor open or short circuit	F2	O	3
T5 temperature sensor open or short circuit	F3	O	4
Outdoor EEPROM malfunction (for some units)	F4	O	5
Outdoor fan speed malfunction	F5	O	6
T2B temperature open or short circuit (for free-match indoor units)	F6	O	7
IPM module malfunction	P0	☆	1
DC voltage too high/too low protection	P1	☆	2
Top of compressor high temperature protection	P2	☆	3
Low ambient temperature protection	P3	☆	4
Inverter compressor drive protection	P4	☆	5
Compressor voltage protection	P6	☆	7
Outdoor IGBT sensor is faulty	P7	☆	8
O (on) X(off) ☆(flash at 2Hz)			

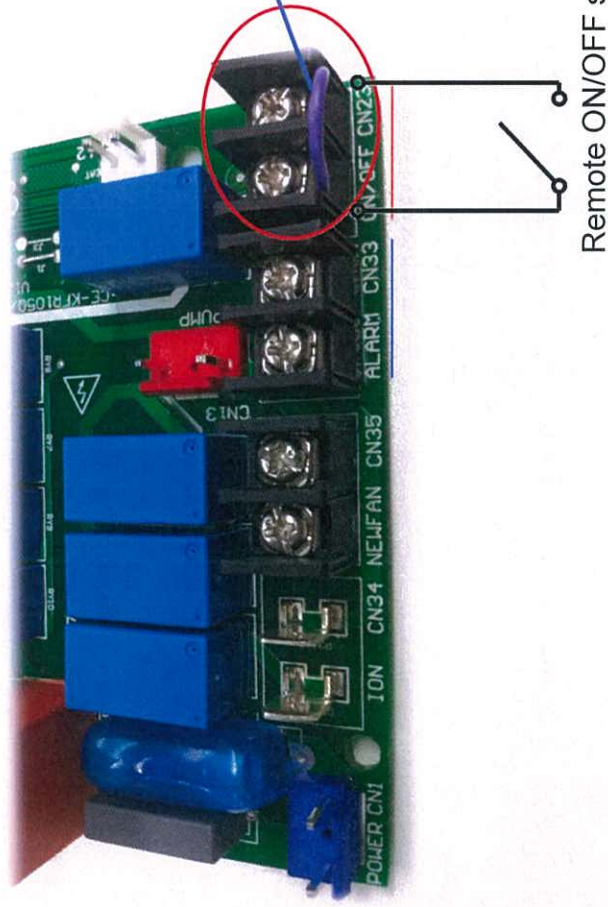
### 2.3 Outdoor unit malfunction

Display	Malfunction or Protection
E1	Communication malfunction between indoor and outdoor units
F0	Overcurrent protection
F1	Ambient temperature sensor (T4) malfunction
F2	Outdoor heat-exchanger temperature sensor (T3) malfunction
F3	Discharge temperature sensor (T5) malfunction
F4	Outdoor EEPROM malfunction
F5	Outdoor fan speed malfunction
P0	IPM module protection
P1	DC voltage too high/too low protection
P3	Ultra-low ambient temperature protection
P4	Compressor rotor position protection
J0	Evaporator high temperature protection
J1	Condenser high temperature protection
J2	High discharge temperature protection
J3	PFC module protection
J4	Communication error between outdoor main chip and compressor driven chip
J5	High pressure protection
J6	Low pressure protection
P7	IGBT sensor malfunction
J8	AC power input voltage protection



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## Remote ON/OFF ports



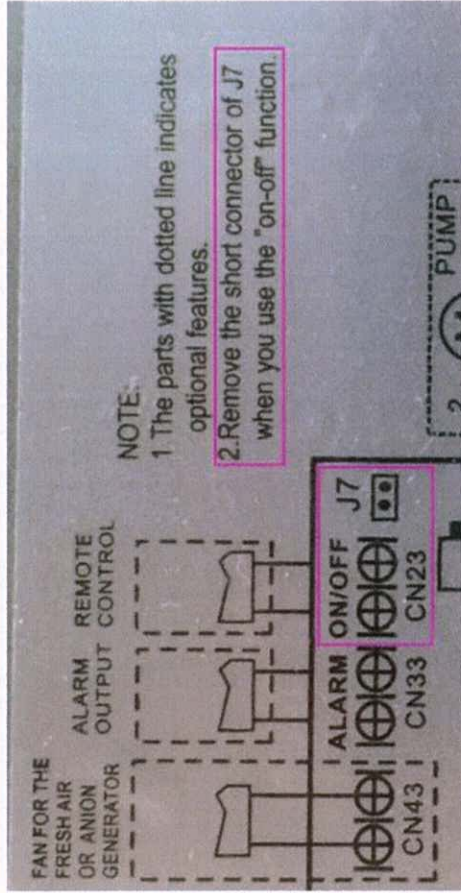
If the short wire is missing, there will be "CP" error code.

There are reserved ports for connecting a remote switch to control the unit to run or stop. The switch can be set manually or automatically by a special system such as fire alarm system.

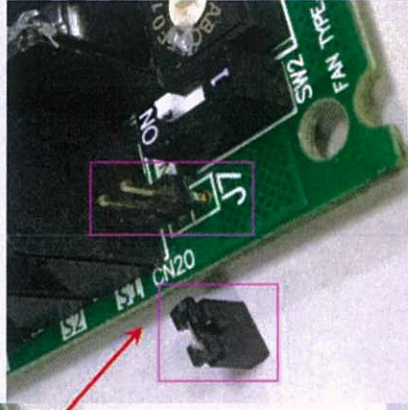
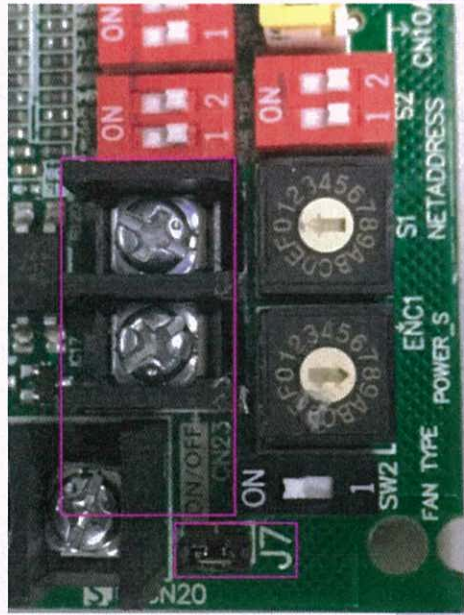
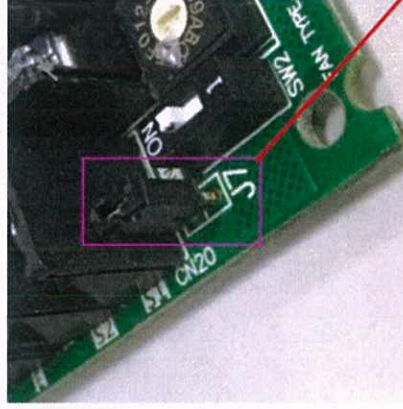
**NOTE:** If there is no remote switch connected, these 2 ports should be short connected.



## Remote ON/OFF ports



The wiring diagram shows on-off at CN23, and the J7 is nearby



J7 and CN23 are identified on PCB