YCJ-A003 Function Directions

1.Wiring Diagrams

SW1 ERROR ALARM MODULE YCJ-A003				
ON SW2		T3.15A/2 I FUS		
CN1 CN2	CN3 CN4 CN5 CN6 CN7	CN8	CN9	

NOTES:

ON/OFF: INDOOR UNIT ON/OFF SWITCH C/H:COOLING/ HEATING SWITCH HI. PR.:HIGH PRESSER ERROR EXPORT LO.PR.:LOW PRESSER ERROR EXPORT CO. OVRHT:COMP. OVERHEAT ERROR EXPORT FAN ERR.:FAN ERROR EXPORT GE. ERR.:GENERAL ERROR EXPORT COM:COMMUNICATION WITH INDOOR UNIT POWER:POWER SUPPLY (220-230)VAC 50Hz

2.Switch Function Directions

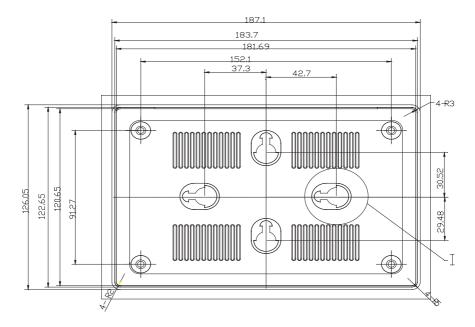
SW1:USED TO SET COOLING RUNNING TEMPERATURE SW2:USED TO SET HEATING RUNNING TEMPERATURE

SET	SW1-1	SW1-2	SW1-3	SW1-4
TEMP.	SW2-1	SW2-2	SW2-3	SW2-4
16°C	OFF	OFF	OFF	OFF
17℃	ON	OFF	OFF	OFF
18℃	OFF	ON	OFF	OFF
19℃	ON	ON	OFF	OFF
30°C	OFF	ON	ON	ON

LED2:used to display failure code of connected unit

LED3:when no failure occurs, it is used to display the connected indoor quantity; when failure occurs, it is used to display the abnormal unit address.

3.Fixed Size Diagrams



4.Electric wiring

- Electric wiring work should be conducted only by authorized personnel.
- Use copper conductor only.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similar qualified person.
- If the fuse of control PC board is broken, please change it with the type of T3.15A/250VAC
- The wiring method should be in line with the local wiring standard.
- The power cable and connecting cable should be self-provided.
- All the cables shall have got the European authentication certificate.
- A leakage breaker must be installed.

POWER LINE	SIGNAL LINE(USING SHILED LINE)
2x0.5mm ²	0.5mm ²

5.Error Code List

Failure code for central control	Failure description	Reason
01	Indoor ambient temp. sensor failure	Sensor broken down or short circuit for more than 2m continuously
02	Indoor coil temp. sensor failure	Sensor broken down or short circuit for more than 2m continuously
0B	Outdoor ambient temp. sensor failure	Sensor broken down or short circuit for more than 2m continuously
0C	Outdoor pipe temp. sensor failure	Sensor broken down or short circuit for more than 2m continuously
0A	Over-current protection	CT check abnormal 3 times in 30m
0E	High pressure abnormal	High pressure switch acts 3 times in 30m
16	Power supply abnormal	Fault phase, short of phase, out of balance greatly
05	Communication between indoor and outdoor abnormal	Communication abnormal for more than 4m continuously
15	Drainage system abnormal	Float switch broken down for more than 25m continuously
1E	Outside alarm signal input	Outside signal broken down for more than 10s
12	Discharging or Suncrion temp. sensor abnormal	Sensor broken down or short circuit for more than 2m continuously
11	EEPROM abnormal	EEPROM data missing
1A	Pressure abnormal(low pressure)	Low pressure switch acts in normal running
0F	Compressor overheat	The discharging temperature is higher than 120degree
07	Outdoor compressor or SPDU module error	Outdoor compressor or SPDU module running error
08	Outdoor DC motor failure or system failure	Outdoor DC motor abnormal or cooling & heating abnormal