

C127DA-F-1C-1H

Fan Coil Controller



C127DA-1C-1H OPERATES DIRECT FROM 120-230 VOLTS AC – 1 PHASE.

WALL MOUNT DIGITAL THERMOSTAT.

FAN COIL OPERATION.

- ▶ USD = Unit Shut Down input with random start delay.
- ▶ Diagnostic indications.
- ▶ Internal or external room sensor.
- ▶ TEST mode.

Optional:

- ▶ Up to 3 stages Heat and 3 stages Cool
- ▶ 0-10v valves control (up to 2 valves).
- ▶ RS 485 communication port (BMS).
- ▶ System status and Diagnostic indication on thermostat display.

SPECIFICATIONS:

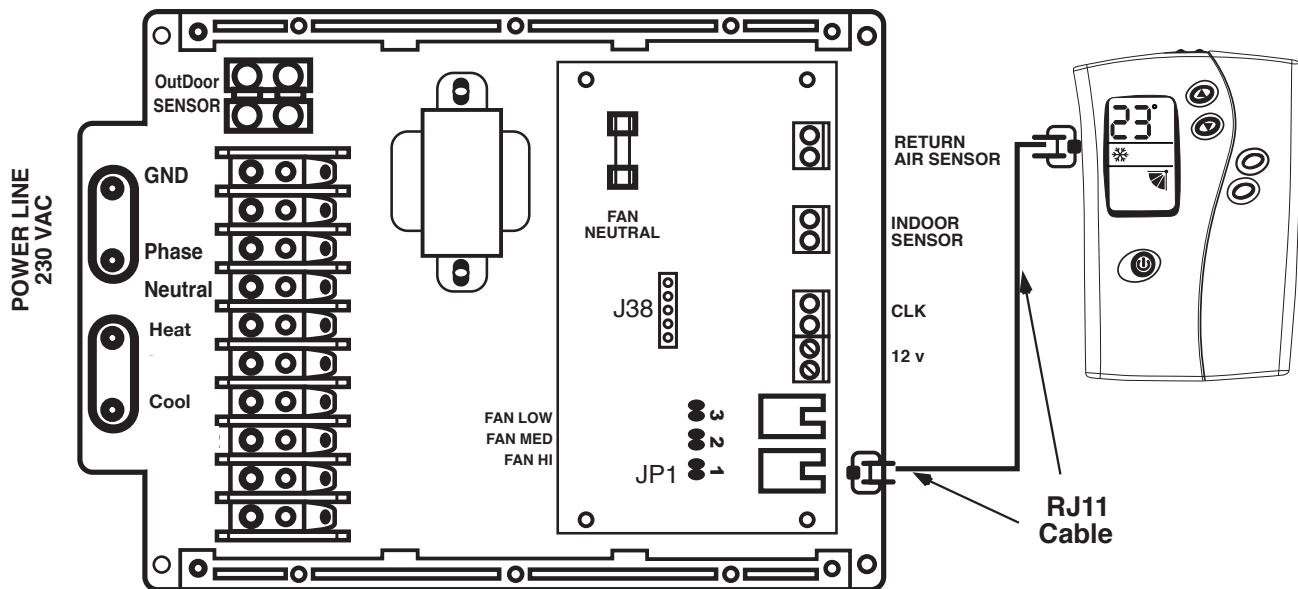
Power Supply	120-230 VAC Line voltage operation. 50/60 HZ.
Power consumption	10 VA.
Thermostat Dimensions (LWD)	80mm x 120mm x 30mm (3.14" x 4.72" x 1.18").
Control (Plastic) Box Dimensions (LWD)	235mm x 170mm x 76mm (9.25" x 6.7" x 3").
Operating temperature	0°C / 32°F to 70°C / 158°F.
Storage temperature	-18°C / 0°F to 70°C / 158°F 90% Relative Humidity, Non – Condensation.
Temperature Set Point range	10° C to 30° C (50° F to 90° F).
Differential	1° C. (1.8° F).
Fan Relays Rating	16Amps, 1 HP, 250 VAC
Control Relays Rating	1/4 HP, 250 VAC.
Test Jumper	JP1 –Deletes the 3 minutes anti short cycle timer.
Thermostat cable to C138SE controller	RJ11 – 4 cable (4P4C) terminals. (Standard 6 meters.)

WHEN ORDERING USE THE FOLLOWING PART NUMBER

Model	Part No
C127DA-1C-1H	C127DA-F-1C-1H-1

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Operation Features:

- Nominal operation voltage 120-230 Volts.
- Main Power Line of 1 phase air condition unit control.
- Manual and automatic change over from Cool to Heat-MCO, ACO.
- Fan only mode.
- Three fan speed plus automatic fan speed change.
- Temperature set point and room temperature on display.
- Jumper for test mode and Fan operation.
- Fan works continuously in Cool mode and per demand in heat mode.
- Status of operation and fault indication display on thermostat display.
- CLK input for BMS system and external timer remote operation.

Installation Requirements:

- Use only Flexible multi – strand cables rated 250 Volts 0.5 mm minimum.
- Wires size according to air condition rating and local electrical code only.
- Controller box must be installed on air cond. Surface or on the wall with 4 screws.
- Thermostat must be installed at about 150 cm from the floor.
- Use only supplied 6 meters RJ11-4 cable between the **thermostat** and the **Controller**.

Options:

- External remote sensor to be placed in the return air.
- DIN Real box. 160mm long.
- RJ11-4 cables of 10, 15 and 20 meters.
- RS485 modbus communication.
- 0-10 Volts for proportional water valves.