

Wiring System Diagrams - Sanyo C4272R S/C Installation Instructions Manual

Sanyo split system heat pump air conditioner installation instructions

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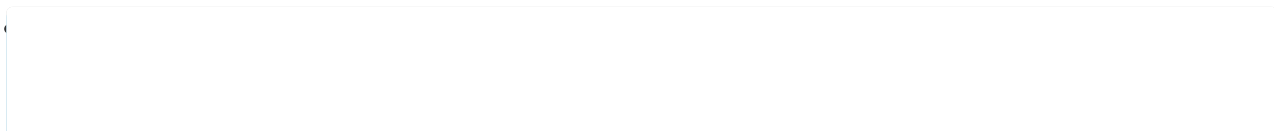
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Bookmarks



07-115 SSHP_II
5/7/07
4:00 PM

Indoor Unit

(B) Power Supply

Type

AWG #14

X, K, T, U

Max. length 67 ft.

Control Wiring

(C) Inter-Unit Control Wiring

AWG #18

Use high voltage wire (300 V)

Max. 3,300 ft.



5-3. Wiring System Diagrams

Basic wiring diagram for standard control

Remote
controller
WHT

BLK

(1) Refer to Section 5-2. Recommended Wire Length and Wire Diameter for Power Supply System for the explanation of "A", "B", "C", "D", and "E", in the above diagrams.

(2) Inter-Unit Control Wiring (C) and remote controller wiring (D), (E) have no polarity. But for other wiring, respect polarity. Be sure to connect as shown in the Wiring System Diagram.

(3) In case of separate supply connection to indoor unit, over current protection must be provided between power source and indoor unit.



MAXIMUM OVER CURRENT PROTECTION 15 A (FUSE OR HACR TYPE CIRCUIT BREAKER)

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Trade Size
(Fuse or HACR
of Conduit
type circuit breaker)

3/4 in.

(D) Remote Control Wiring

*1
AWG #18
Max. 1,650 ft.

Indoor unit

1
2
G
Grounding line

U1

U2

D

1

1

2

2

MOP

15 A

(E) Control Wiring For Group Control

*2
2
(0.75 mm)

AWG #18

*1

*2

Outdoor unit

INV unit

A

Inter-unit power line

L1
208 / 230 V, 60 Hz

L2

B
Grounding line

1

2

G

C

U1

U2

Ground

Inter-unit control wiring

X, T, U Type

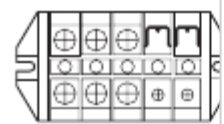
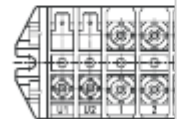
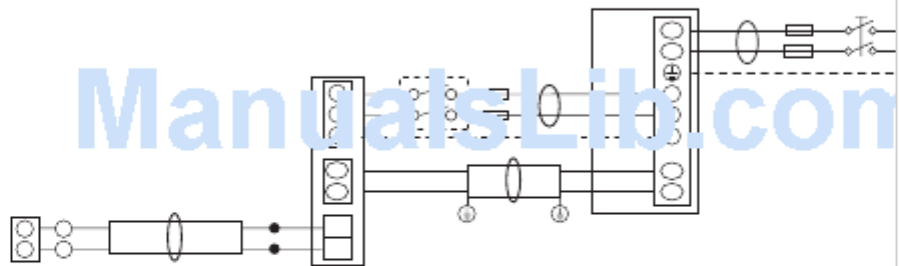
5P terminal board

1 2 G

Inter-unit power wiring

K Type

4P terminal board



U1 U2
Inter-unit
control wiring

58

*2

2

(0.75 mm

)

-

Max. 1,650

ft. (Total)

-

With ring-type wire terminal.

Wire joint connection.

L1

Power supply

L2

208 / 230 V, 60Hz

CH Type

8P terminal board

U1 U2 1 2 G L1 L2

Inter-unit

Power wiring

power wiring

U1

U2

Inter-unit

Remote

control wiring

controller wiring

1 2

G

Inter-unit

Remote

power wiring

controller wiring



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Outdoor unit (4 pages)

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Sanyo STW-2 Series

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Sanyo C2432A

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