

Recommended Wire Length And Diameter; Wiring System Diagram - Sanyo SAP-CMRV1923GJ Technical & Service Manual

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7-4. Recommended Wire Length and Diameter

Regulations on wiring diameter differ from locality to locality. For field wiring requirements, please refer to your local electrical codes. Carefully observe these regulations when carrying out the installation.

Table 2 shows maximum wire lengths for control line and power line and fuse or circuit capacity.

Refer to the wiring system diagram (Figs. 6a and 6b) for the meaning of "A" and "B" in Table 2.

Table 2

Cross-sectional Max. Control Line Length

Area (mm
 Model
 CMRV1923/2433GJ

Be sure to comply with local codes on running the wire from the indoor unit to the outdoor unit (size of wire and wiring method, etc.).

Each wire must be firmly connected.

No wire should be allowed to touch refrigerant tubing, the compressor, or any moving part.

Be sure to connect power wires correctly matching up numbers on terminals of the outdoor unit and respective indoor units A - C.

7-5. Wiring System Diagram

2 indoor units with CMRV1923GJ

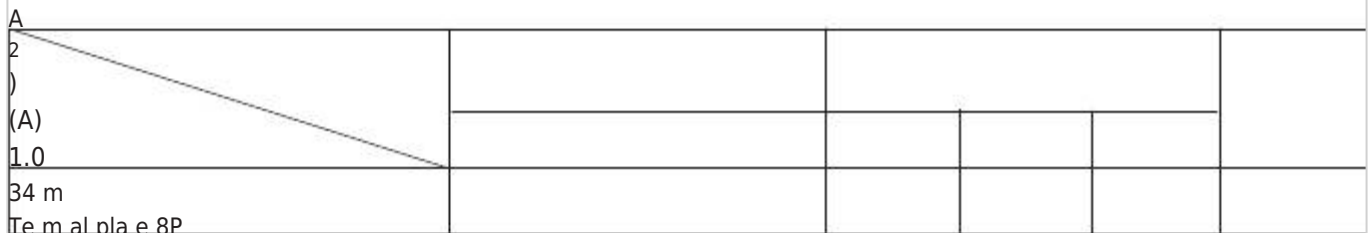
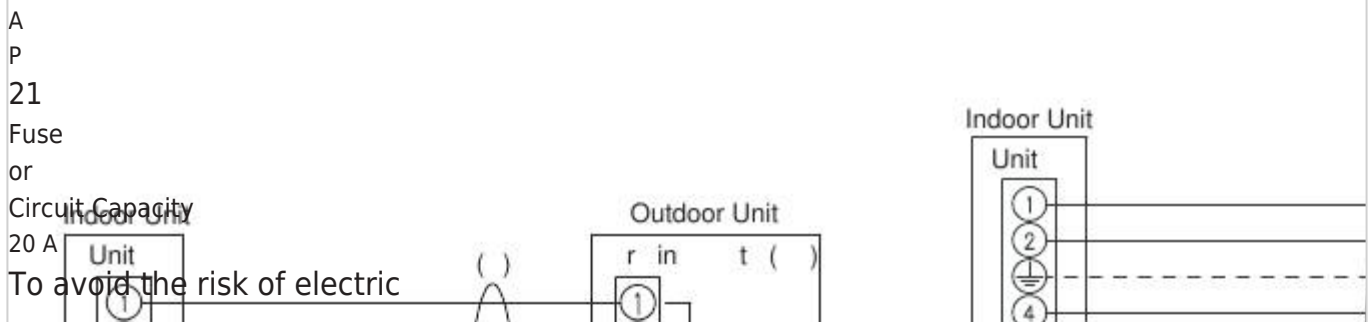


Fig. 6a
 Max. Power Line Length

- (B)
- 2.0
- 2.6
- 3.5
- 15 m
- 20 m
- 26 m

3 indoor units with CMRV2433GJ



shock, each air conditioner

unit must be grounded.

Be sure to connect the

CAUTION

power supply line to the

outdoor unit as shown in

the wiring diagram. The

indoor unit draws its power

from the outdoor unit.

Terminal plate 12P

A [REDACTED]

Terminal plate

P

S

Fig. 6b

A

P

le

e

ppl

Terminal plate A 220 - 240 V



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