

TOSHIBA INSTALLATION MANUAL

Connector Cable (for CN60) MODEL:TCB-KBCN60OPE

Applicable Indoor unit

[Super-MMS, Super-HRM, Mini-SMMS]

- <4-way Air Discharge Cassette Type>
MMU-AP***1H
- <2-way Air Discharge Cassette Type>
MMU-AP***1WH
- <Concealed Duct Standard Type>
MMD-AP***1BH
- <Concealed Duct High Static Pressure Type>
MMD-AP***1H
- <High Wall Type>
MMK-AP***1H, MMK-AP***2H
- <Floor Standing Concealed Type>
MML-AP***1BH
- <Compact 4-way Cassette Type>
MMU-AP***1MH
- <1-way Air Discharge Cassette Type>
MMU-AP***1YH, MMU-AP***2SH
- <Slim Duct Type>
MMD-AP***1SPH, MMD-AP***1SH
- <Under Ceiling Type>
MMC-AP***1H
- <Floor Standing Cabinet Type>
MML-AP***1H
- <Floor Standing Type>
MMF-AP***1H

[Super Digital Inverter, Digital Inverter]

- <4-way Air Discharge Cassette Type>
RAV-SM***2UT-E, SP1102UT-E
- <Under Ceiling Type>
RAV-SM***2CT-E
- <High Wall Type>
RAV-SM***2KRT-E
- <Compact 4-way Cassette Type>
RAV-SM562MUT
- <Concealed Duct Standard Type>
RAV-SM***2BT-E

Safety Precautions

1 Please read this section carefully before installation work to install the accessory parts in the prescribed manner. The precaution given here deal with serious safety issues. It is, therefore, of the utmost importance that they are observed in full.

1 The meanings of safety-related symbol are as follows:

WARNING

This symbol is used to identify action which, if carried out in an incorrect ignoring this indication, could lead to serious personal injury or even death.

CAUTION

This symbol is used to identify action which, if carried out in an incorrect ignoring this indication, could lead to serious human injury or property damage.

1 After installation work has been completed, perform a trial operation of the equipment in order to ensure that it is operating normally, and then hand over to the customer and ask to keep this Safety Precautions and Installation Instruction.

WARNING

Installation of accessory parts should be performed either by personnel from this dealer where it was purchased or by specialist installation technicians.

1 Incorrect installation by unqualified personnel can result in electric shock, fire or abnormal operation.

Reassembling, repair, or modification of this accessory parts is strictly forbidden.

1 Failure to follow these directions can result in inflammation, earth leakage or abnormal operation causing electric shock or injury.

Use the specified wires for wiring connect the terminals securely fix. To prevent external forces applied to the terminals from affecting the terminals.

Do not install a location where flammable gasses may be present.

1 Fire may break out should flammable gas leak into the vicinity of the parts.

Repair of the accessory parts must be also carried out by personnel from dealer where it was purchased.

1 Fire may break out should flammable gas leak into the vicinity of the parts.

Function

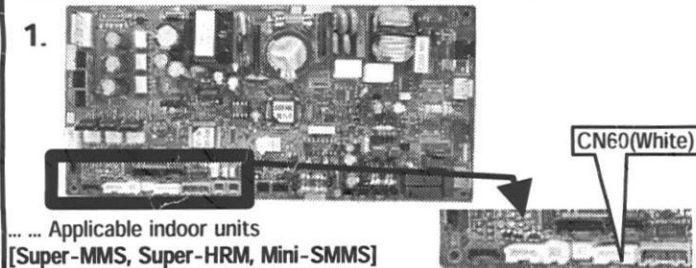
Using this connector and local supply relay enable to send signal depend on various operation. (cooling, heating, fan, defrost, thermo-ON)

How to install

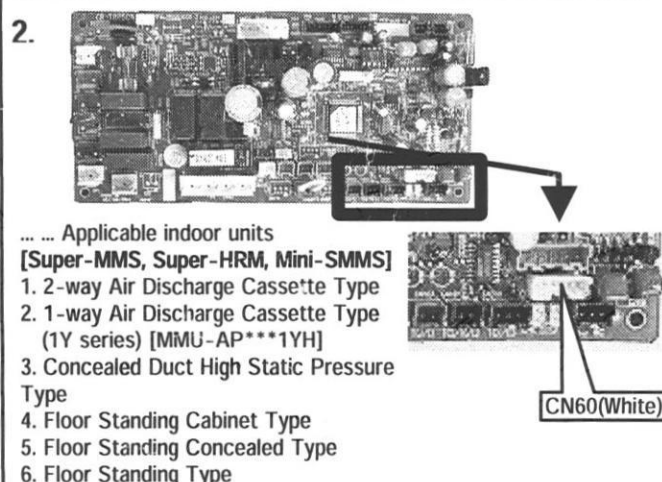
- Be sure to turn off the power switch before installation.
- Connect the Connector Cable to interface CN60 indoor unit P.C.board
- Insulation tube or conduit cover must be added to the wires of optional connector when wires shall be exposed outside of Indoor Unit.

[Attention: The length of cables ought to be 2000mm or less including this connector cable(500mm)]

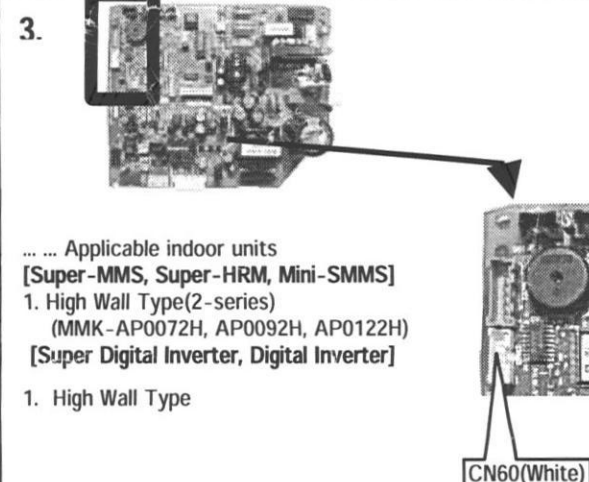
Connector position on interface P.C.board



- Applicable indoor units
[Super-MMS, Super-HRM, Mini-SMMS]
1. 4-way Air Discharge Cassette
2. Compact 4-way Cassette Type
3. 1-way Air Discharge Cassette Type(2-series) [MMU-AP0***SH]
4. Concealed Duct Standard Type
5. Slim Duct
6. Under Ceiling Type
7. High Wall Type (1-series) [MMK-AP***1H]
[Super Digital Inverter, Digital Inverter]
1. 4-way Air Discharge Cassette Type
2. Compact 4-way Cassette Type
3. Concealed Duct Standard Type
4. Under Ceiling Type



- Applicable indoor units
[Super-MMS, Super-HRM, Mini-SMMS]
1. 2-way Air Discharge Cassette Type
2. 1-way Air Discharge Cassette Type (1Y series) [MMU-AP***1YH]
3. Concealed Duct High Static Pressure Type
4. Floor Standing Cabinet Type
5. Floor Standing Concealed Type
6. Floor Standing Type

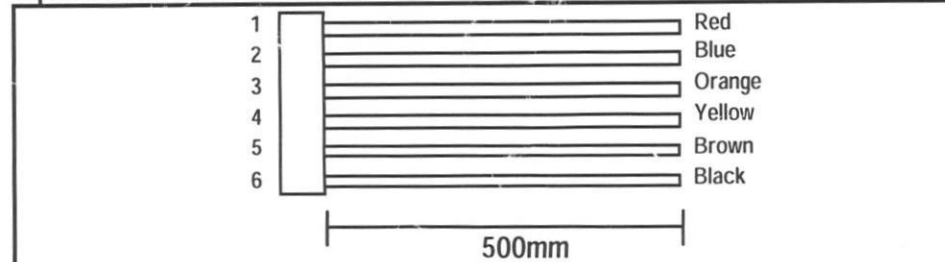


- Applicable indoor units
[Super-MMS, Super-HRM, Mini-SMMS]
1. High Wall Type(2-series)
(MMK-AP0072H, AP0092H, AP0122H)
[Super Digital Inverter, Digital Inverter]
1. High Wall Type

Pin No. &function Specification

No.	Function
1	DC 12V (COM)
2	Defrost output (open collector) ON signal output during indoor unit recognizes that the outdoor unit is in defrosting
3	Thermo ON output (open collector) Pin No.1and 3...ON signal output during indoor unit is thermo-ON
4	Cooling output (Open collector) ON signal output during operation is "Cooling mode" or "Dry mode" or "Cooling in Auto" mode. (except during alarm output)
5	Heating output (Open collector) ON signal output during operation is "Heating mode" or "Heating in Auto mode". (except during alarm output)
6	Fan output (Open collector) ON signal output during indoor unit's Fan operation is ON.

Specification of lead wire



Wiring Diagram(example)

