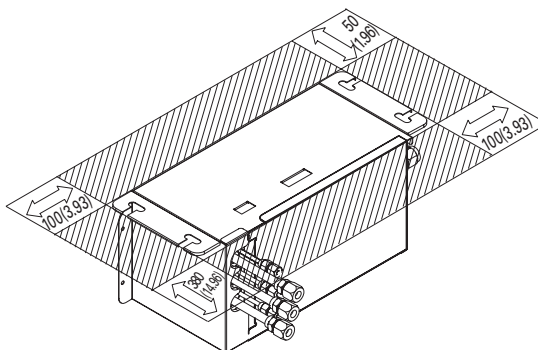
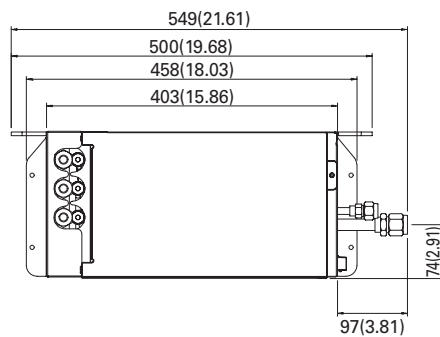
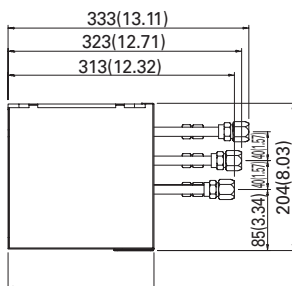
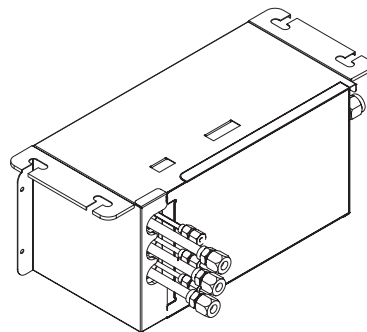
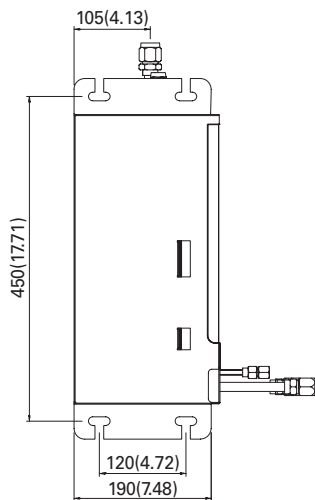


# Preparation for Installation

Unit : mm (inch)

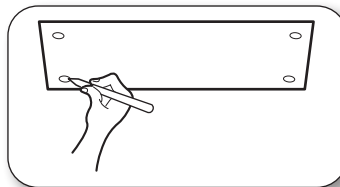


Inspection area

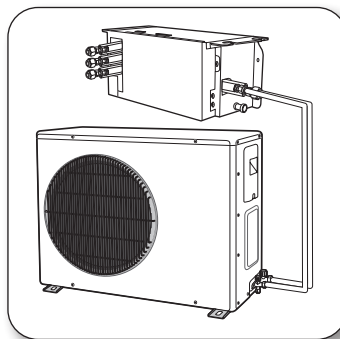
# Electronic Expansion Valve Kit Installation

## Connection of refrigerant piping & Installation

1. Decide an installation place that can support the electronic expansion valve kit.

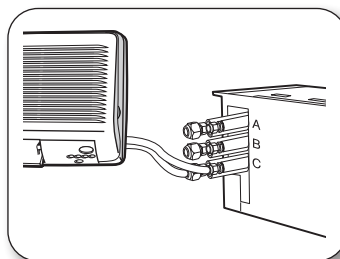


2. Connect the "IN" refrigerant pipe to the outdoor unit.



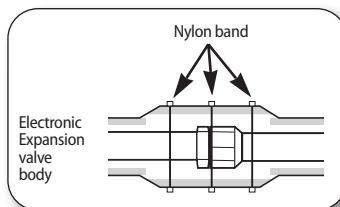
3. Connect the "OUT" refrigerant pipe to each indoor unit (A, B and C).

- ▶ The liquid and gas pipes should not be crossed when piping connection.



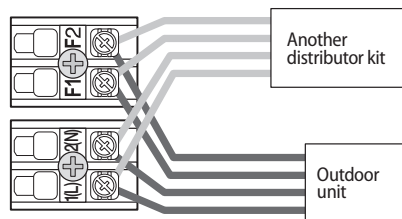
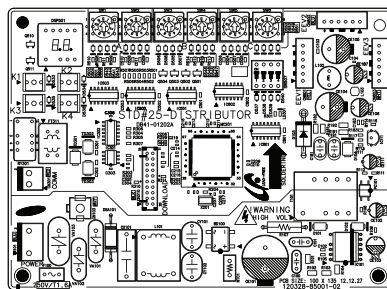
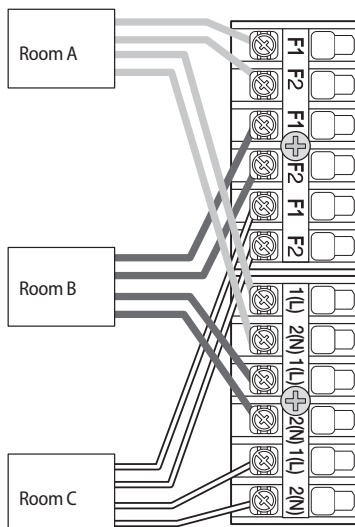
4. Insulate the connection piping. A joint part of pipe needs double thickness of insulation.

5. The expansion valve has to be installed that the user has no access to it.



# Electronic Expansion Valve Kit Installation (cont.)

## Wiring & Assigning address

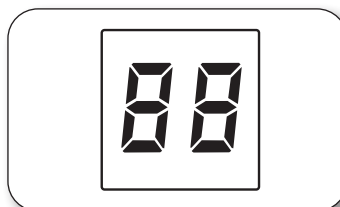


1. Connect the AC power cable and communication cable from the outdoor unit to terminal, then connect the cable to another electronic expansion valve kit.
2. Connect the AC power cable and communication cable to each indoor unit (A, B and C).
3. Align the SW01/SW02, SW03/SW04 and SW05/SW06's addresses with A, B and C indoor units'.

| Switch No. | Appropriate indoor unit<br>(Electronic expansion valve) | Connector No.       |
|------------|---------------------------------------------------------|---------------------|
| SW01/SW02  | A                                                       | EEV.1 CN801(YELLOW) |
| SW03/SW04  | B                                                       | EEV.2 CN802(BLUE)   |
| SW05/SW06  | C                                                       | EEV.3 CN803(WHITE)  |

## Function of Display

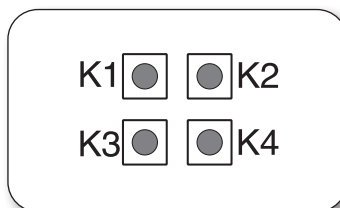
- ▶ The numbers which is displayed on left are the status of indoor unit checking status through communication with same outdoor unit. (If it indicates 1, 3 and 7 that means the ADDRESS of indoor unit is set to 1, 3 and 7.)
- ▶ The numbers which is displayed on right indicate the ADDRESS of SW01/SW02, SW03/SW04 and SW05/SW06 in sequential. (If it indicates 0, 1 and 2 that means the SW01/SW02 is set to 0, the SW03/SW04 is set to 1, and the SW05/SW06 is set to 2.)
- ▶ If the communication error occurs in distributor, the Er↔C0 message will be shown on the display alternatively.



## KEY function

- ▶ If you press a KEY on the PCB, the display will show you a step of appropriate electronic expansion valve.

| KEY No. | Meaning                              | Example                       |
|---------|--------------------------------------|-------------------------------|
| K1      | Step of electronic expansion valve A | 19<br>(19 x 10 =<br>190 STEP) |
| K2      | Step of electronic expansion valve B |                               |
| K3      | Step of electronic expansion valve C |                               |
| K4      | -                                    | -                             |



## Applicable capacity

| Model        | A                                  | B                                  | C                                  | Refrigerant |
|--------------|------------------------------------|------------------------------------|------------------------------------|-------------|
| MXD-E24K132* | 2 ~ 4.5 kW<br>(7000 ~ 15500 Btu/h) | 5 ~ 9 kW<br>(17000 ~ 31000 Btu/h)  | -                                  | R-410A      |
| MXD-E24K200* | 2 ~ 4.5 kW<br>(7000 ~ 15500 Btu/h) | 2 ~ 4.5 kW<br>(7000 ~ 15500 Btu/h) | -                                  |             |
| MXD-E24K232* | 2 ~ 4.5 kW<br>(7000 ~ 15500 Btu/h) | 2 ~ 4.5 kW<br>(7000 ~ 15500 Btu/h) | 5 ~ 9 kW<br>(17000 ~ 31000 Btu/h)  |             |
| MXD-E24K300* | 2 ~ 4.5 kW<br>(7000 ~ 15500 Btu/h) | 2 ~ 4.5 kW<br>(7000 ~ 15500 Btu/h) | 2 ~ 4.5 kW<br>(7000 ~ 15500 Btu/h) |             |
| MXD-E32K200* | 5 ~ 9 kW<br>(17000 ~ 31000 Btu/h)  | 5 ~ 9 kW<br>(17000 ~ 31000 Btu/h)  | -                                  |             |
| MXD-E32K224* | 5 ~ 9 kW<br>(17000 ~ 31000 Btu/h)  | 5 ~ 9 kW<br>(17000 ~ 31000 Btu/h)  | 2 ~ 4.5 kW<br>(7000 ~ 15500 Btu/h) |             |
| MXD-E32K300* | 5 ~ 9 kW<br>(17000 ~ 31000 Btu/h)  | 5 ~ 9 kW<br>(17000 ~ 31000 Btu/h)  | 5 ~ 9 kW<br>(17000 ~ 31000 Btu/h)  |             |



Distributor Kit  
MXD-E24K Series  
MXD-E32K Series

# Air Conditioner installation manual



100%  
Recycled Paper

This manual is made with 100% recycled paper.



imagine the possibilities

Thank you for purchasing this Samsung product.  
To receive more complete service, please  
register your product at  
[www.samsung.com/register](http://www.samsung.com/register)

EN ES FR IT PT DE EL RU AR DB68-03757A(1)

**SAMSUNG**