Turn OFF power supply before disassembling.

1. Removing the panel
   1) Hold both sides of the front panel and lift the front panel until it is level. Pull the hinges forward to remove the front panel.
   2) Remove the horizontal vanes.
   3) Remove the screw caps of the panel. Remove the screws. (See Photo 1.)
   4) Unhook the lower part (A) of the panel.
   5) Hold the lower part of both ends of the panel and pull it slightly toward you, and then remove the panel by pushing it upward.

MSZ-FE09NA  MSZ-FE12NA

NOTE: Turn OFF power supply before disassembling.
## OPERATING PROCEDURE

2. **Removing the electronic control P.C. board, the power monitor receiver P.C. board, i-see Sensor, SW P.C. board and the terminal block**

   (1) Remove the panel (Refer to 1.) and the corner box.
   (2) Remove the screw of the conduit cover. Remove the conduit cover and the indoor/outdoor connecting wire. (See Photo 2.)
   (3) Remove the sensor holder from the electrical cover. (See Photo 3.)
   (4) Remove the screw of the electrical cover, and then the electrical cover. (See Photo 3.)
   (5) Remove the ground wire connected to the indoor electronic control P.C. board from the electrical box. (See Photo 3.)
   (6) Remove the power monitor receiver P.C. board holder. (See Photo 4.)
   (7) Pull out the i-see Sensor from the power monitor receiver P.C. board holder.
   (8) Install the i-see Sensor in its former position when assembling it. (See to Photo 5.)
   (9) Open the rear cover of the power monitor receiver P.C. board holder and pull out the power monitor receiver P.C. board.
   (10) Pull the electronic control P.C. board slightly toward you from the electrical box, and disconnect TAB3 and all the connectors on the electronic control P.C. board.
   (11) Pull out the electronic control P.C. board from the electrical box.
   (12) Remove the ground wire connected to the heat exchanger from the electrical box. (See Photo 3.)
   (13) Unhook the catches of the electrical box, and pull out the electrical box.
   (14) Remove the screw of the terminal block cover, and then the terminal block cover and the terminal block holder. (See Photo 2.)
   (15) Remove the terminal block by sliding it.

### PHOTOS

**Photo 2**

![Photo 2](image)

**Photo 3**

![Photo 3](image)

**Photo 4**

![Photo 4](image)
### OPERATING PROCEDURE

#### 3. Removing the electrical box
1. Remove the panel (Refer to 1.) and the corner box.
2. Remove the indoor/outdoor connecting wire, the sensor holder, the electrical cover and the ground wire. (Refer to 2.)
3. Disconnect the following connectors on the electronic control P.C. board:
   - CN211 (Fan motor)
   - CN112 (Indoor coil thermistor)
   - CN1U1 (Horizontal vane motor)
   - CN151 (Vertical vane motor)
4. Unhook the catches of the electrical box, and pull out the electrical box. (See Photo 4.)

#### 4. Removing the nozzle assembly
1. Remove the panel (Refer to 1.) and the corner box.
2. Remove the conduit cover, and then the indoor/outdoor connecting wire. (Refer to 2.)
3. Remove the sensor holder and the electrical cover. (See Photo 3.)
4. Disconnect the following connectors on the electronic control P.C. board:
   - CN1U1 (Horizontal vane motor)
   - CN151 (Vertical vane motor)
5. Remove the power monitor receiver P.C. board holder and the holder. (See Photo 4.)
6. Pull out the drain hose from the nozzle assembly and remove the nozzle assembly.

#### 5. Removing the vertical vane motor unit
1. Remove the nozzle assembly. (Refer to 4.)
2. Remove the crank of the vertical vane motor unit from the arm of the vertical vane.
3. Remove the screw of the vertical vane motor unit, and pull the vertical vane motor unit.
4. Remove the screws of the vertical vane motor unit cover.
5. Remove the crank of the vertical vane motor unit from the shaft of the vane motor.
6. Only the crank of the left side vertical vane motor unit. (See Photo 6.)
6. Remove the vertical vane motor from the vertical vane motor unit.
7. Disconnect the connector of vertical vane motor from the vertical vane motor.

### PHOTOS

**Photo 5**
Be sure to assemble the i-see Sensor in the correct position.

**Photo 6**
- Screws of the vertical vane motor unit cover
- Crank of the vertical vane motor unit
- Screw of the vertical vane motor unit

**Photo 7**
- Screws of the vertical vane motor unit cover
- Screw of the vertical vane motor unit
- Crank of the vertical vane motor unit
### OPERATING PROCEDURE

6. **Removing the horizontal vane motor**
   1. Remove the nozzle assembly. (Refer to 4.)
   2. Remove the screws of the horizontal vane motor unit, and pull out the horizontal vane motor unit.
   3. Remove the screws of the horizontal vane motor unit cover.
   4. Remove the horizontal vane motor from the horizontal vane motor unit.
   5. Disconnect the connector from the horizontal vane motor.

7. **Removing the indoor fan motor and the line flow fan**
   1. Remove the panel (Refer to 1.) and the corner box.
   2. Remove the sensor holder, the power monitor receiver P.C. board holder, the electrical box (Refer to 3.) and the nozzle assembly (Refer to 4.).
   3. Remove the screws fixing the motor bed. (See Photo 9.)
   4. Loosen the screw fixing the line flow fan. (See Photo 10.)
   5. Remove the motor bed together with fan motor and motor band.
   7. Remove the indoor coil thermistor from the heat exchanger.
   8. Install the indoor coil thermistor (RT12) in its former position when assembling it. (See to Photo 12.)
   9. Remove the screws fixing the left side of the heat exchanger. (See Photo 11.)
10. Lift the heat exchanger, and pull out the line flow fan to the lower-left.

### PHOTOS

**Photo 8**
- Screws of the horizontal vane motor unit cover

**Photo 9**
- Motor band
- Screws of the motor bed

**Photo 10**
- Screw of the line flow fan

**Photo 11**
- Screws of the left side of the heat exchanger

**Photo 12**
- Indoor coil thermistor (RT12)