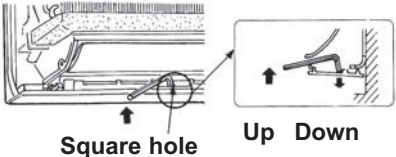
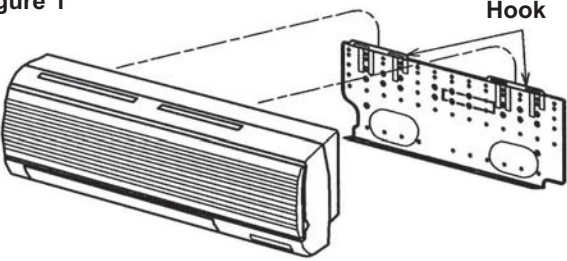
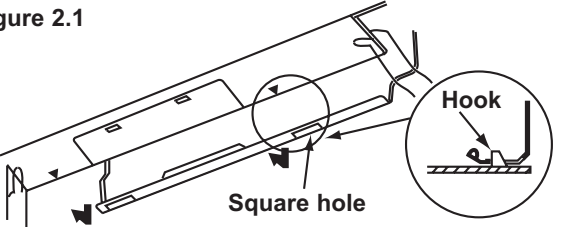
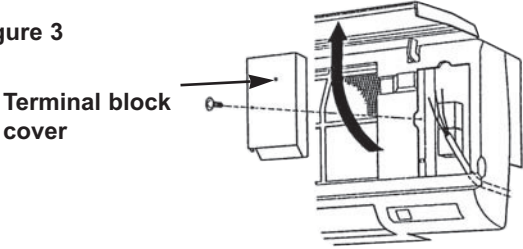
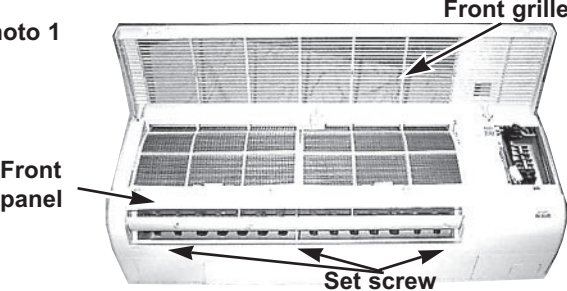
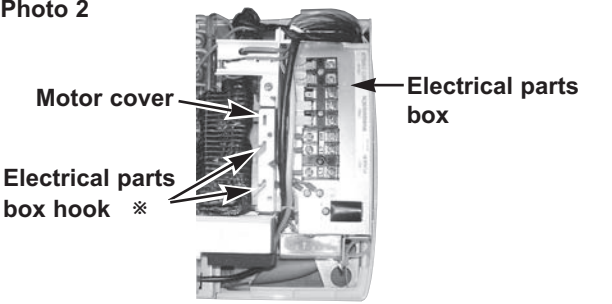
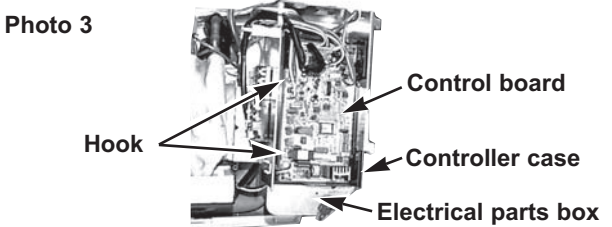
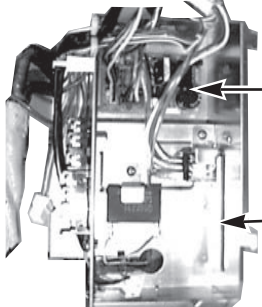
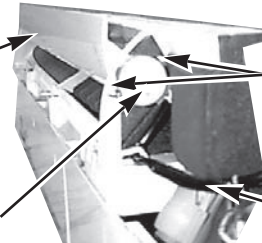
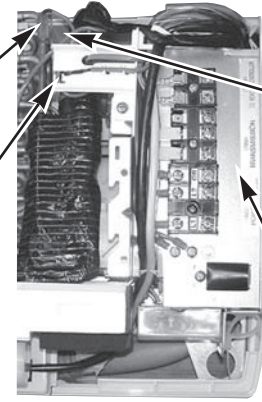
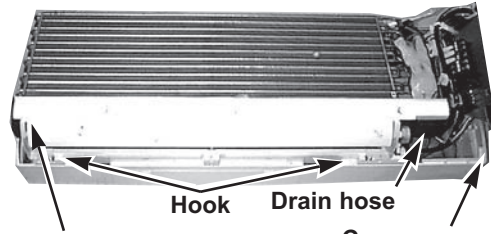
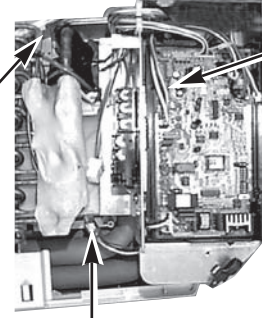
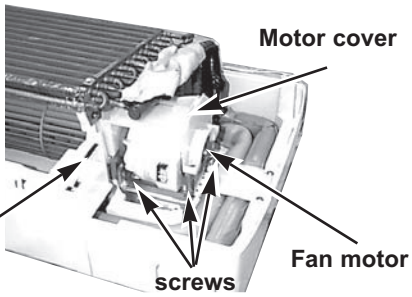
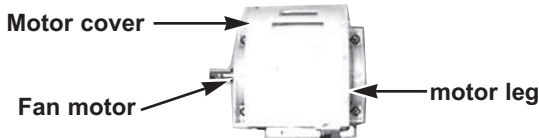
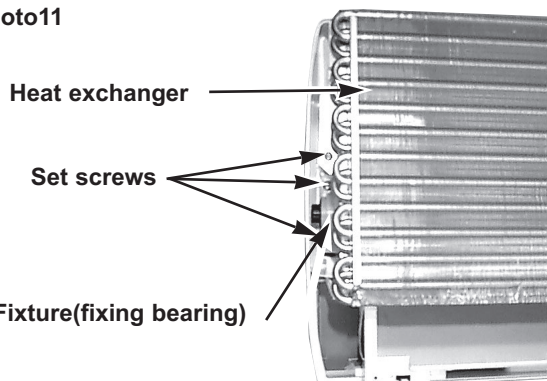
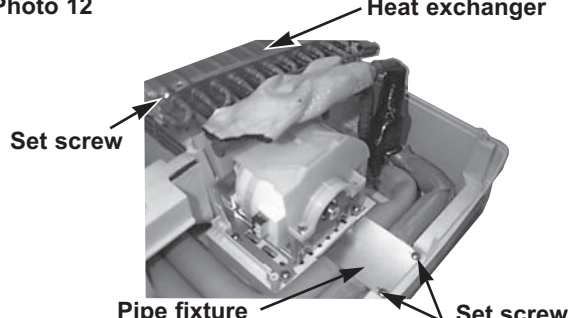
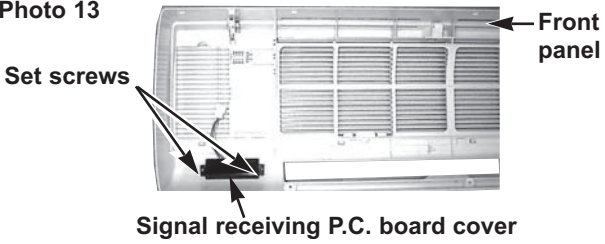


PKA-A12GA PKA-A18GA PKA-A12GA₁ PKA-A18GA₁ PKA-A12GA₂ PKA-A18GA₂
 PKA-A12GAL PKA-A18GAL PKA-A12GAL₁ PKA-A18GAL₁ PKA-A12GAL₂ PKA-A18GAL₂

OPERATION PROCEDURE	PHOTOS & ILLUSTRATION
1. REMOVING THE LOWER SIDE OF THE INDOOR UNIT FROM THE INSTALLATION PLATE. (1) Remove the left / right corner box of the indoor unit. (2) Hold and pull down the lower and both ends of the indoor unit, and remove the ▼ section from the square hole. (Refer to the figure 2.1) Or remove the front panel and push the ▼ section down by using hexagonal wrench ,etc. from the front side. (Refer to the figure 2.2). (3) Unhook the top of the indoor unit from the back plate catch. Figure 2.2 	Figure 1  Figure 2.1 
2. REMOVING THE FRONT PANEL. (1) Open the front grille. (2) Remove the terminal block cover with a screw. (3) Remove the 3 screw caps then remove the 3 set screws. (4) After removing the lower side of the front panel a little, remove it as pulling toward upper.	Figure 3  Photo 1 
3. REMOVING THE INDOOR CONTROLLER BOARD. (1) Remove the terminal block cover. (2) Remove the front panel. (see the photo 1) (3) Remove the electrical parts box(2 screws). (4) Remove the electrical parts box cover(1 screw). (5) Disconnect the connector on the controller board and remove the controller board by pulling up the hook of the controller case. *For smooth works, hang the side hooks of the electrical parts box on the hook of the motor cover. (see the photo 3)	Photo 2  Photo 3 

OPERATION PROCEDURE	PHOTOS & ILLUSTRATION
4. REMOVING THE POWER BOARD (1) Remove the front panel. (see the photo 1) (2) Remove the electrical parts box(2 screws). (see the photo 2) (3) Disconnect the whole connector in the control board. (4) After lifting the controller case with pressing its convex section, remove the controller case and the control board simultaneously. (see the photo 3) (5) Disconnect the connector in the power board. (6) Remove the power board.	Photo 4  Power board Electrical parts box
5. REMOVING THE VANE MOTOR (1) Disconnect the connector CN6V on the indoor controller board. (2) Remove the 2 screws of the vane motor, disconnect the lead wire and remove the vane motor from the shaft.	Photo 5  Nozzle assembly Set screws Vane motor Lead wire
6. REMOVING THE THERMISTOR (1) Removing the room temperature thermistor TH1. ①Disconnect the connector CN20<red> on the indoor controller board. ②Remove the room temperature thermistor from the holder. (2) Removing the pipe temperature thermistor TH2. ①Disconnect the connector CN21<white> on the controller board. ②Remove the pipe temperature thermistor set to the pipe. (3) Removing the indoor coil temperature thermistor TH5. ①Disconnect the connector CN29<black> on the indoor controller board. ②Remove the gas pipe thermistor set to the pipe.	Photo 6  Pipe temperature thermistor (TH2) Room temperature thermistor (TH1) Condenser /evaporator temperature thermistor (TH5) Electrical parts box
7. REMOVING THE NOZZLE ASSEMBLY (1) Disconnect the connector CN6V on the controller board. (2) Disconnect the lead wire of the vane motor. (3) Remove the corner cover. (4) Pull the drain hose out from the nozzle assembly. (5) Unhook the hook of the lower nozzle assembly and pull the nozzle assembly toward you, then remove the nozzle assembly by sliding it down.	Photo 7  Hook Drain hose Corner cover Nozzle assembly
8. REMOVING THE ELECTRICAL PARTS BOX (1) Remove the terminal block cover. (2) Disconnect the connector <yellow> of the wireless remote controller board. (3) Remove the front panel. (see the photo 1) (4) Disconnect the vane motor connector. (5) Disconnect the fan motor connector from the fan motor. (6) Disconnect the connector <yellow> of the heater. (only PKH). (7) Remove the liquid(TH2) / gas(TH5) pipe thermistors. (see the photo 6) (8) Remove the electrical parts box (2screws).	Photo 8  Vane motor connector Pipe temperature thermistor Fan motor connector Electrical parts box

OPERATION PROCEDURE	PHOTOS & ILLUSTRATION
9. REMOVING THE FAN MOTOR (1) Remove the terminal block cover. (2) Disconnect the connector <yellow> of the wireless remote controller board. (3) Remove the front panel. (see the photo 1) (4) Remove the electrical parts box. (see the photo 8) (5) Remove the nozzle assemble. (see the photo 7) (6) Remove the fan motor leg fixing 3 screws. (7) Unscrew the set screws by using hexagonal wrench and remove it by sliding the fan motor to right. (8) Remove the 4 screws and remove the motor cover from the fan motor leg.	Photo 9  Photo 10 
10. REMOVING THE LINE FLOW FAN (1) Remove the terminal block cover. (2) Remove the front panel. (see the photo 1) (3) Remove the electrical parts box. (see the photo 8) (4) Remove the nozzle assemble. (see the photo 7) (5) Remove the fan motor. (see the photo 9) (6) Remove the pipe fixture with 2 screws. (see the photo12) (7) Remove the left / right screws of the heat exchanger and pull the left-hand side up. (8) Remove the 2 screws by sliding it toward you remove the fixture(fixing bearing). ※ The fan motor is removable first,when the fan removing is hard. ※ When resetting the fan to the fan motor. Locate and fix the shaft after installing the fan.	Photo11 
11. REMOVING THE HEAT EXCHANGER (1) Remove the terminal block cover. (2) Disconnect the connector <yellow> of the wireless remote controller board. (3) Remove the front panel. (see the photo 1) (4) Remove the electrical parts box. (see the photo 8) (5) Remove the corner box. (6) Remove the nozzle assemble. (see the photo 7) (7) Remove the 2 screws and the pipe fixture. (8) Remove the 2 screws and heat exchanger.	Photo 12 
12. REMOVING THE SIGNAL RECEIVING P.C. BOARD FOR (PKA-A12GAL⁽¹⁾, PKA-A18GAL⁽¹⁾) (1) Remove the terminal block cover. (2) Disconnect the connector <yellow> for the wireless remote controller. (3) Remove the front panel. (see the photo 1) (4) Remove the 2 screws and signal receiving P.C. board cover. (5) Remove the signal receiving P.C. board.	Photo 13  Photo 14 