

PCA-A24GA

PCA-A30GA

PCA-A36GA

PCA-A42GA

PCA-A24GA₁PCA-A30GA₁PCA-A36GA₁PCA-A42GA₁PCA-A24GA₂PCA-A30GA₂PCA-A36GA₂PCA-A42GA₂

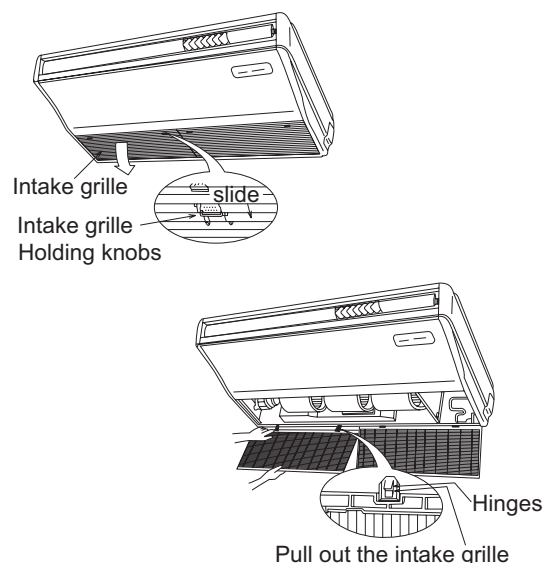
OPERATING PROCEDURE

1. Removing the air intake grille

- (1) Slide the intake grille holding 2 knobs backward to open the intake grille.
- (2) When the intake grille left open, push the stoppers on the rear 2 hinges to pull out the intake grille.

PHOTOS & ILLUSTRATIONS

Figure 1



2. Removing the electrical box

- (1) Remove the air intake grille. (See the figure 1)
- (2) Remove the screw from the beam and remove the beam.
- (3) Remove the screws from the electrical cover, and remove the electrical cover.
- (4) Disconnect CN6V, CN21 and CN29.
- (5) Remove the screws from the electrical box and pull out the electrical box.

<Electrical parts in the electrical box>

Terminal block (for indoor / outdoor connecting line)<TB4>

Terminal block (for power supply)<TB2>

Terminal block (for remote controller)<TB5>

Fan motor capacitor<C>

Indoor control board<I.B>

Power board<P.B>

(There might not be TB2 depending on the model.)

Figure 2

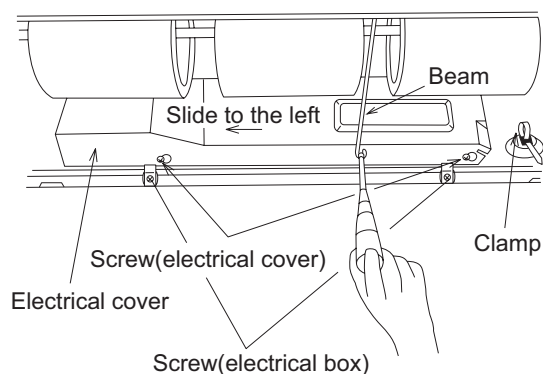
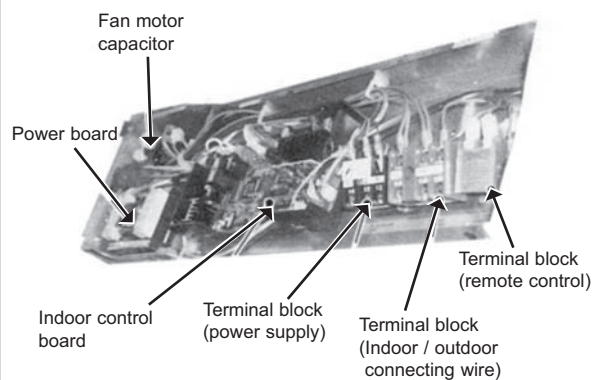
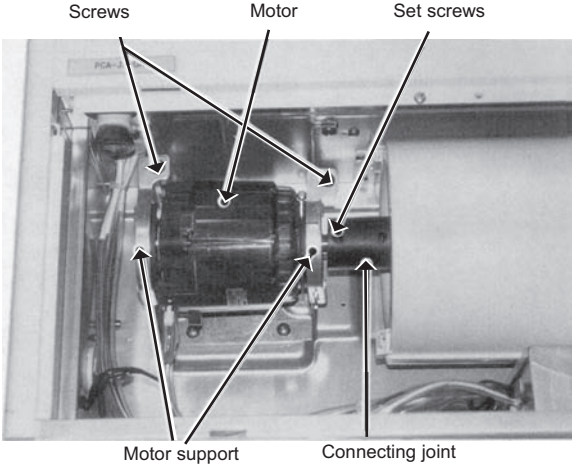
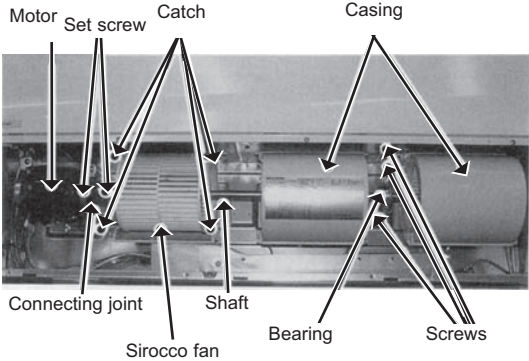
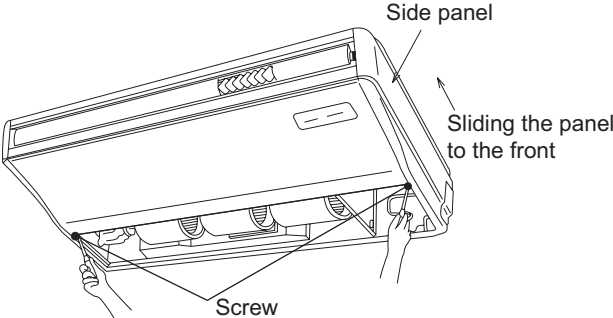
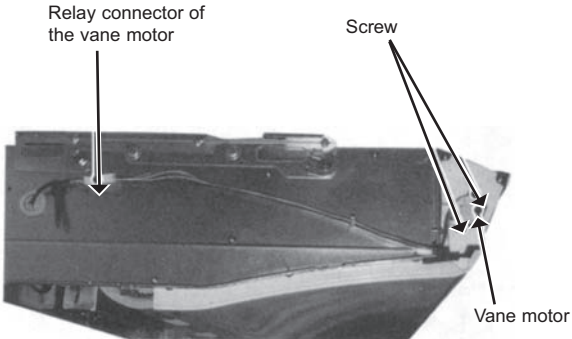
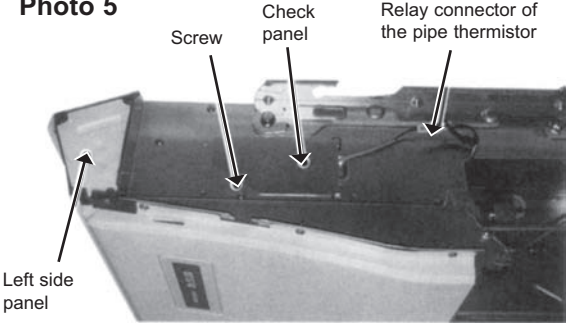
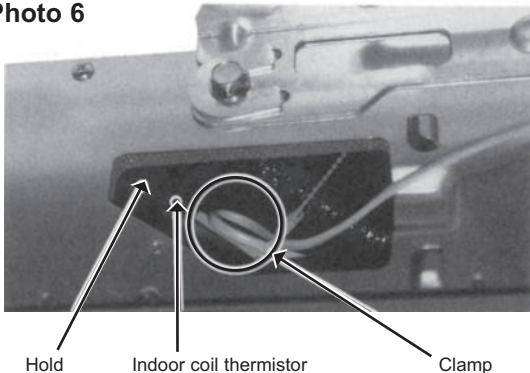
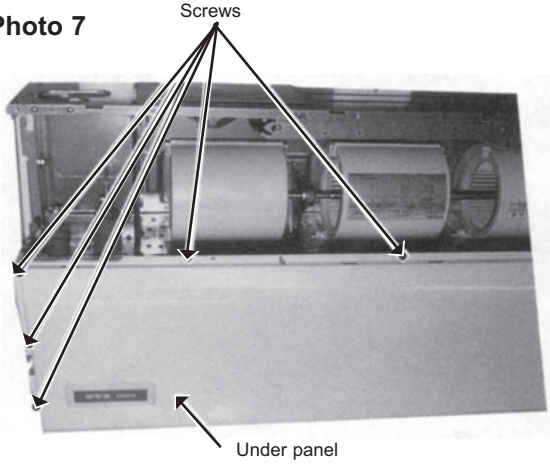
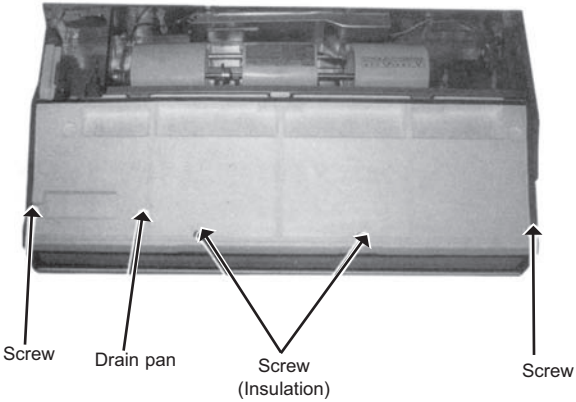
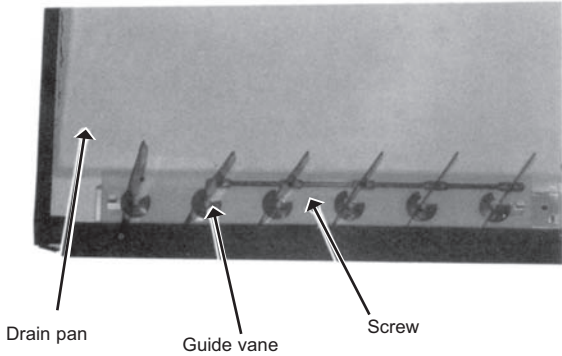
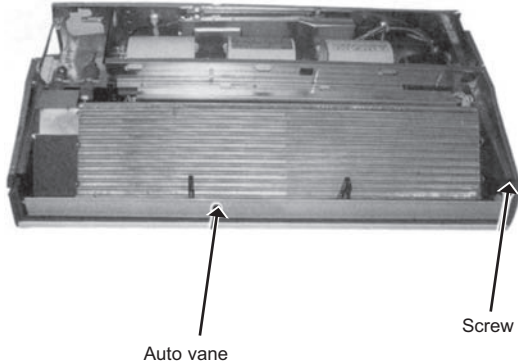


Photo 1



OPERATING PROCEDURE	PHOTOS & ILLUSTRATIONS
3. Removing the fan motor <MF> (1) Remove the intake grille. (2) Disconnect the fan motor connector. (3) Remove the screw for removing the motor support at both left and right side. (4) Loosen the set screws at the fan motor side of the connecting joint. (5) Slide the fan motor <MF> to the left side and pull it out.	Photo 2  This photograph shows the internal components of the fan motor assembly. Arrows point to the following parts: 'Screws' at the top left, 'Motor' in the center, 'Set screws' on the right, 'Motor support' at the bottom left, and 'Connecting joint' at the bottom right.
4. Removing the sirocco fan (1) Remove the air intake grille. (2) Remove 1 beam. (3) Remove the lower casing while pressing the stoppers at upper side of the casing. (4) Loosen the set screws at the connecting joint. (5) Remove the sirocco fan and shaft together by sliding the shaft to the left. (Note) Make sure that the upper side casing is snapped to the fan plate securely with catch.	Photo 3  This photograph shows the sirocco fan assembly. Arrows point to the following parts: 'Motor' on the left, 'Set screw' and 'Catch' at the top, 'Casing' on the right, 'Connecting joint' at the bottom left, 'Shaft' in the center, 'Sirocco fan' below the shaft, 'Bearing' below the shaft, and 'Screws' at the bottom right.
5. Removing the side panel (1) Remove the air intake grille. (2) Remove the screw from the side panel, and remove the side panel by sliding the panel to the front.	Figure 3  This line drawing illustrates the side panel being moved. An arrow indicates the direction of movement with the label 'Sliding the panel to the front'. A 'Screw' is shown being removed from the bottom of the 'Side panel'.

OPERATING PROCEDURE	PHOTOS
6. Removing the vane motor <MV> (1) Remove the air intake grille. (See the figure 1) (2) Remove the left side panel. (See the figure 3) (3) Remove the relay connector of vane motor. (4) Remove the electrical box. (5) Remove the screws of vane motor, then remove vane motor <MV>. (Note) Connect the lead wires and connectors properly and place them in the proper position so that the wires are not pinched by other parts.	Photo 4 
7. Removing the Indoor coil thermistor <TH2/TH5> (1) Remove the air intake grille. (See the figure 1) (2) Remove the right side panel. (See the figure 3) (3) Remove the relay connector of the pipe thermistor <TH2/TH5>. (4) Remove the screw, and remove the check panel. (5) Extract the indoor coil thermistor <TH2/TH5> from the holder. <Caution for the installation> There is a possibility for the short circuit when connector gets wet by water through the thermistor lead wire. Therefore, lead wire of the indoor coil thermistor <TH2/TH5> should be tied as shown in the photo 6.	Photo 5  Photo 6 
8. Removing the Under panel (1) Remove the air intake grille. (See the figure 1) (2) Remove the beam. (3) Remove the side panel (right and left). (See the figure 3) (4) Remove the 9 screws of the under panel, then remove the under panel. ※ Weight of the under panel : Approx. 2kg.	Photo 7 

OPERATING PROCEDURE	PHOTOS
9. Removing the drain pan (1) Remove the air intake grille. (See the figure 1) (2) Remove the beam. (3) Remove the side panels of right and left. (See the figure 3) (4) Remove the under panel. Remove the screws of the right and left side drain pan. (5) Remove the 2 insulations in centre of the drain pan, and after removing the 2 screws, remove the drain pan. (Note) Please be aware that there might be drain left in the drain pan when you remove the drain pump (option).	Photo 8 
10. Removing the guide vane (1) Remove the intake grille. (See the figure 1) (2) Remove the beam. (3) Remove the side panels (right and left). (See the figure 3) (4) Remove the under panel. (See the photo 7) (5) Remove the drain pan. (See the photo 8) (6) Remove the screw from the guide vane, then remove the guide vane.	Photo 9 
11. Removing the Auto vane (1) Remove the intake grille. (See the figure 1) (2) Remove the left side panel. (See the figure 3) (3) Remove the left side box. (4) Remove the under panel. (5) Remove the screw from the auto vane. (6) Slide the auto vane to the right side and pull the auto vane out.	Photo 10 



OPERATING PROCEDURE	PHOTOS
12. Removing the heat exchanger (1) Remove the air intake grille. (See the figure 1) (2) Remove the beam. (3) Remove the side panel (right and left). (See the figure 3) (4) Disconnect the relay connector of the pipe thermistor. (5) Remove the under panel. (See the photo 7) (6) Remove the drain pan. (See the photo 8) (7) Unscrew the screw of the pipe cover, and remove the pipe cover. (8) Unscrew the screw of the pipe support, and remove the pipe support. (9) Unscrew the screw of the heat exchanger, and remove the heat exchanger. Remove the heat exchanger with care. Since this is quite heavy, removing work should be done with more than 2 people. *Weight of heat exchanger : Approx. 5.3kg	Photo 11 