

4. OUTDOOR UNIT (PUH-24G₆.US)

OPERATING PROCEDURE

1. Removing the side panels

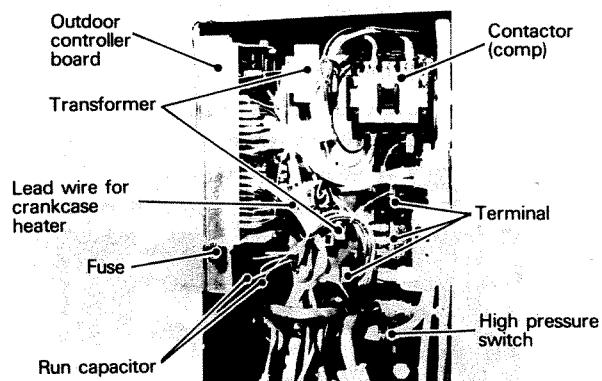
- (1) Remove one side panel set screw to remove the panel. (Same in procedure for right and left panels)
 - Right side panel (screw X 2)
 - Left side panel (screw X 1)

- (2) By removing the right panel, it becomes possible to remove, inspect and repair the electrical parts.

Note: Electrical parts in the Electrical box.

- Outdoor controller board
- Contactor for MC (52C)
- Transformer (T2,3)
- Run capacitor for MF3,4 (C3,4)
- Fuse
- Crankcase heater lead wire (HC)
- Terminal block

Photo 3



PHOTOS

Photo 1

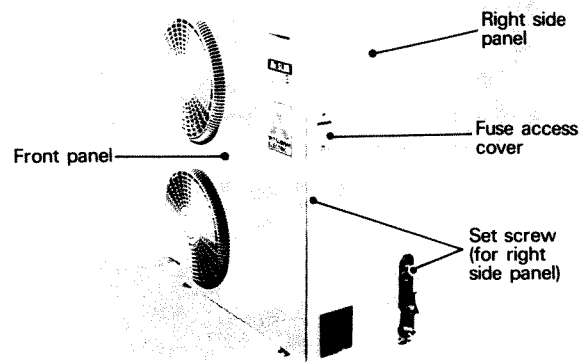
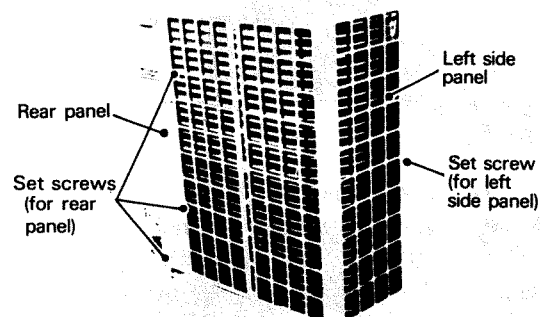


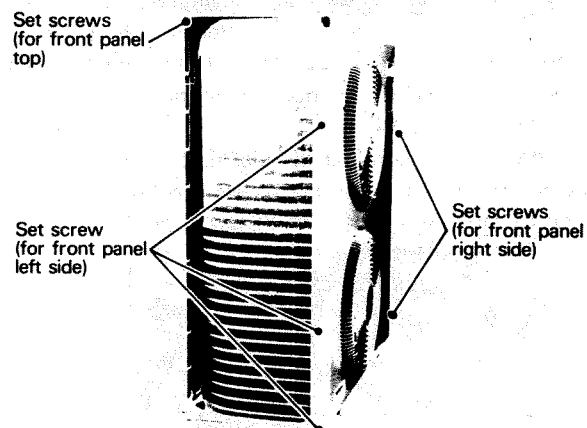
Photo 2



2. Removing the front panel

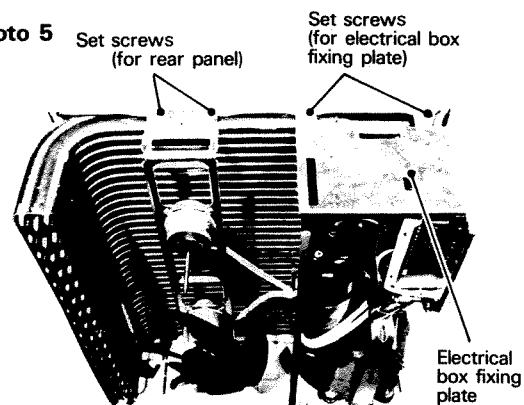
- (1) Remove the side panels (right and left panels). [Refer to item 1-(1)]
- (2) Remove front panel set screws to remove panel. (Refer to photo 4)
 - Set screws (top X 2, right X 2, left X 3)

Photo 4

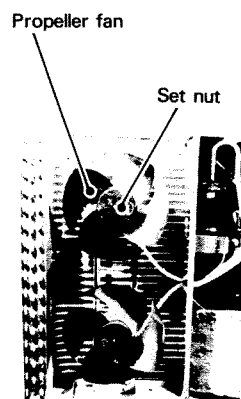
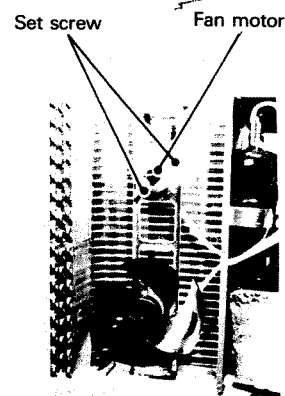


OPERATING PROCEDURE
3. Removing the rear panel.

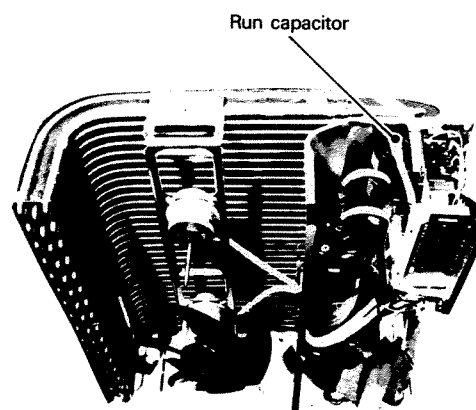
- (1) Remove the side panels (right and left panels).
[Refer to item 1-(1)].
- (2) Remove the front panel. (Refer to item 2-(2))
- (3) Remove rear panel set screws to rear panel.
(Refer to photo 5&2)
- Set screws(left×3, right×1, top×4)

PHOTOS
Photo 5

4. Removing the fan motor.

- (1) Remove the side panels (right and left panels).
[Refer to item 1-(1)]
- (2) Remove the front panel. [Refer to item 2-(2)]
- (3) Remove the propeller fan set nuts and pull out the fans. (Refer to photo 6)
- (4) Remove the fan motor connecting wires.
- (5) Remove the set screws of the fan motor.
(Refer to photo 7)

Photo 6

Photo 7

5. Removing the run capacitor for MC.

- (1) Remove the side panels (right and left panels).
[Refer to item 1-(1)]
- (2) Remove the front panel [Refer to item 2-(2)]
- (3) Remove 3 control box fixing plate set screws.
(Refer to photo 5)
- (4) Remove the 2 run capacitor fixing plate set screws,
then remove the run capacitor.
(Refer to photo-8)

Photo 8


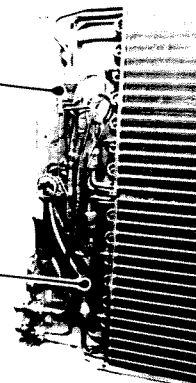
OPERATING PROCEDURE
PHOTOS

6. Removing the thermistor (for pipe temperature).
- (1) Remove the side panels.(right and left panels.)
[Refer to item 1-(1)]
 - (2) Remove the front panel. (Refer to item 2-(2))
 - (3) Remove the rear panel. (Refer to item 3)
 - (4) Disconnect the thermistor (Refer to photo 9)
 - (5) Disconnect the thermistor lead wire connector at the outdoor controller board, then remove the thermistor.

Photo 9

D.P.R
(discharge
pressure regulator)

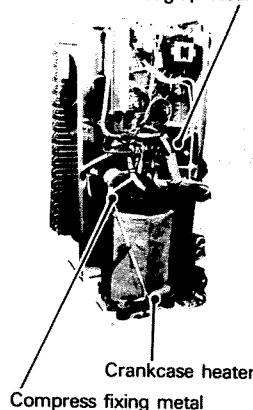
Thermistor



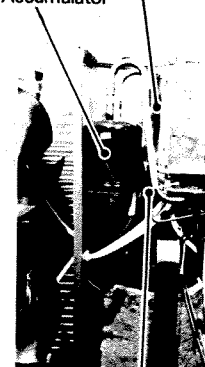
7. Removing the compressor.
- (1) Remove the side panels.(right and left panels.)
[Refer to item 1-(1)]
 - (2) Remove the front panel. [Refer to item 2-(2)]
 - (3) Remove the rear panel. (Refer to item 3)
 - (4) Remove the compressor fixing metal.
● Set screw×4. (Refer to photo 10)
 - (5) Remove the compressor terminal cover, then pull off the lead wires.
 - (6) Remove the crankcase heater lead wire from the outdoor control board. (Refer to photo-12)
 - (7) Removing the accumulator fixing metal set screws. (Refer to photo 12)
 - (8) Removing the weldment of the compressor discharge pipe. (Refer to photo 12)
 - (9) Removing the weldment of the compressor suction pipe. (Refer to photo 12)
 - (10) Remove the nuts of compressor mounting bolts. and remove the compressor.

Photo 10

High pressure switch


Photo 11

Accumulator Plug fusible



Low pressure switch

Photo 12

Weldment of
suction pipe

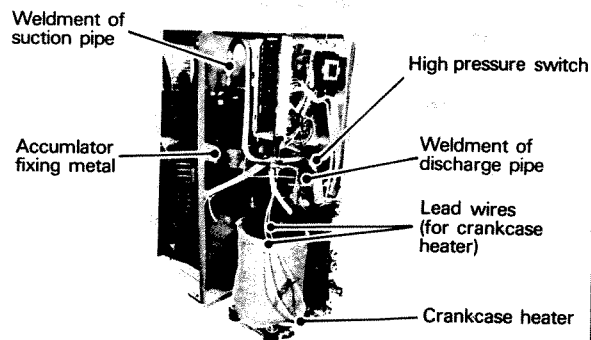
Accumulator
fixing metal

High pressure switch

Weldment of
discharge pipe

Lead wires
(for crankcase
heater)

Crankcase heater



Mr. SLIM



HEAD OFFICE MITSUBISHI DENKI BLDG MARUNOUCHI TOKYO100 TELEX J24532 CABLE MELCO TOKYO