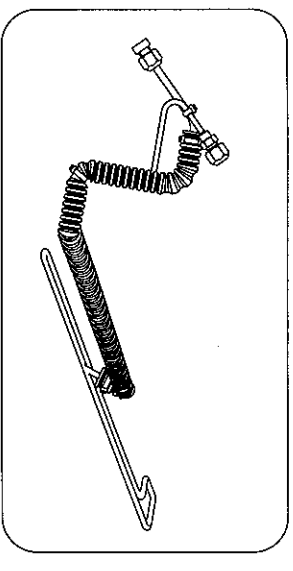


# Outdoor Unit of Room Air Conditioner

(PMRAC-50NH4 908)  
(PMRAC-25NH4 911)

## Installation work sheet



- ⚠ No responsibility is accepted for any form of use other than the designated application.
- ⚠ Heating and cooling capability may be slightly affected by use of the hot pipe. Time taken to heat and cool may be slightly longer when the hot pipe is used.

### APPLICATION

Preventing the freezing of drain water from the outdoor unit when heating during winter

1. Recovering the refrigerant.
2. Turn off the circuit breaker and remove the connecting cord.



● Be sure to check the circuit breaker is off before removing the connecting cord.

3. Remove the attached pipes from the service valve.  
(Pull the outdoor unit forward and create space if there is insufficient space at the rear to insert the pipe from the heat exchanger side.)
4. Remove external parts 1 to 8 and the main unit parts. (See figures 2 and 3.)  
(Refer to the "Dis-assembly and Re-assembly" section in the Service Guide to remove the parts. Refer to figure 4 for the positions of the screws securing the motor support and the partition board.)

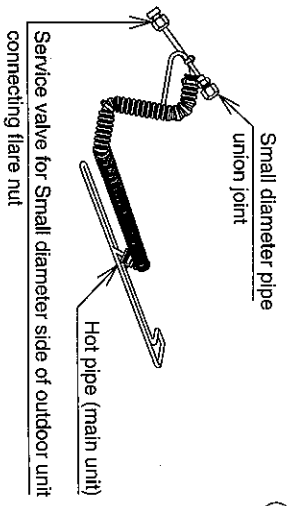


Figure 1

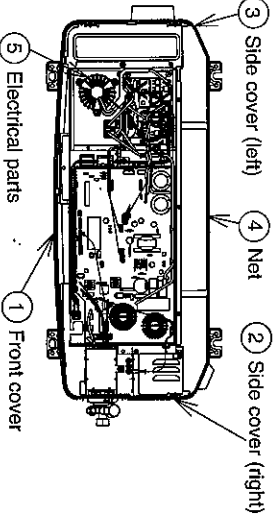


Figure 2

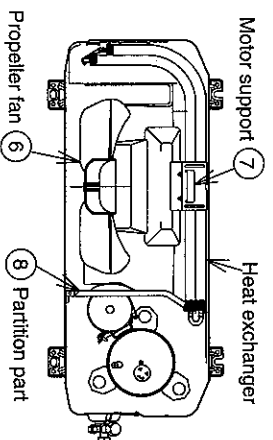


Figure 3

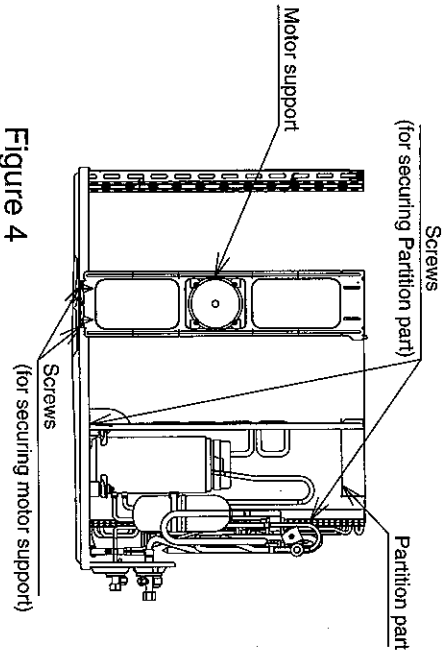


Figure 4

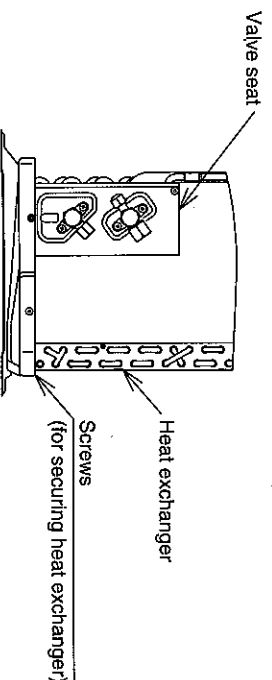


Figure 5

5. Remove the bushing (on left and right) that is attached to the base.
6. Remove the securing screws of the heat exchanger (left and rear) (refer to figure 5).

# Models applicable for use with the hot pipe

Please contact your nearest service center for details.

7. Lift up the heat exchanger as shown in figure 6, and create a gap of approximately 10mm between the base and the lower surface of the heat exchanger. Then insert the hot pipe into the top of the base from the gap, and secure as shown in figure 7.



There is a danger of injury if you handle the heat exchanger with bare hands. Be sure to wear appropriate gloves when lifting the heat exchanger.

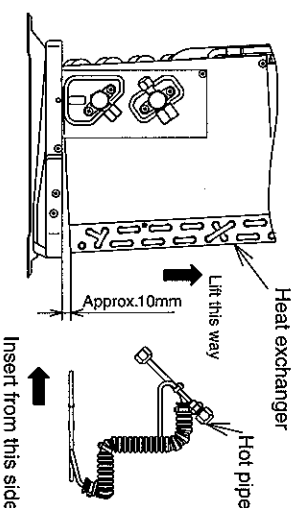


Figure 6

8. Return the heat exchanger to the original position, and fasten the screws you had remove earlier to the base. Then, bend the hot pipe so that the flare nut is approximately 10cm from the service valve, as shown in figure 7.

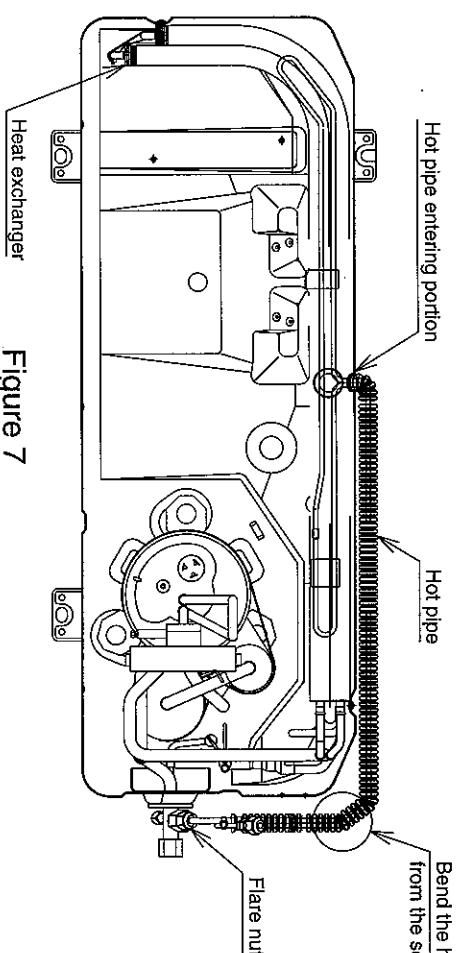


Figure 7

9. At the places where snow enters into the air inlet, the net at the rear side will accelerate snow accumulation. Moreover, the snow only around the heat exchanger may be melted even by defrosting and the snow stuck to the net may not be defrosted. Therefore, install after cutting the net as shown in figure 9.
10. Re-assemble the parts removed in 4.
11. Connect the pipes. As shown in figure 8. Connect the hot pipe between the smaller side service valve and the smaller pipe. Adjust the length of the smaller pipe by cutting off the excess.
12. Connect the connecting cord to the terminal board.



There is a danger of damage to the terminal board if the connecting cord is insufficiently or incorrectly inserted into it.

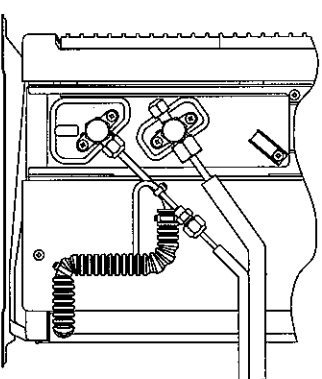


Figure 8

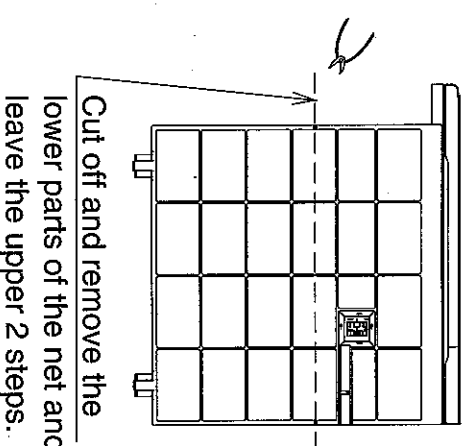


Figure 9

13. Vacuum the air inside the system.
14. Open the service valve and check for gas leakage.
15. Remove the upper cover and valve cover.
16. Perform a test to make sure the unit is operating correctly.