
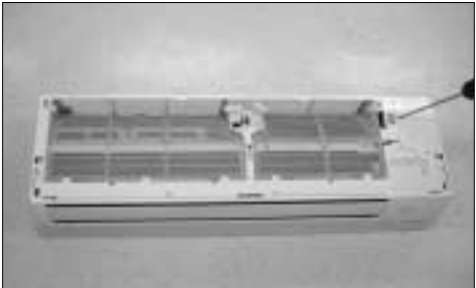
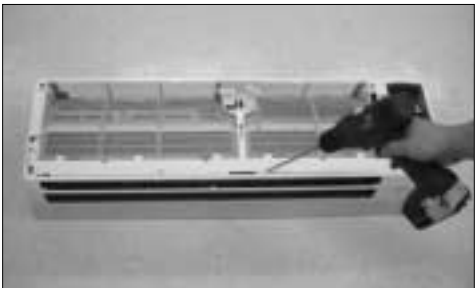






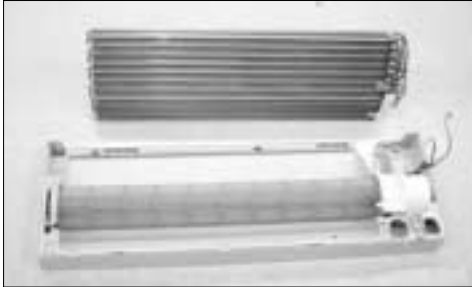


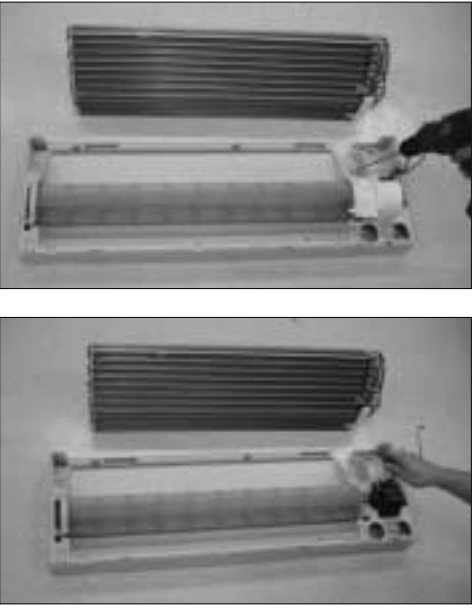
3. Disassembly and Reassembly

Stop operation of the air conditioner and remove the power cord before repairing the unit.

3-1 Indoor Unit






No	Parts	Procedure	Remark
1	Front Grille	<p>1) Stop the air conditioner operation and block the main power.</p> <p>2) Separate tape of front panel upper.</p> <p>3) Slide the lower front grille down, then disassemble it by pulling it forwards.</p> <p>4) Open the upper front grille by pulling right and left sides of the grille.</p> <p>5) Take the left and right filter out.</p> <p>6) Loosen one of the right screw and separate the terminal cover.</p> <p>7) Separate the thermistor from the front grille.</p> <p>8) Loosen five fixing screws of front grille.</p> <p>9) Pull the lower left and right of discharge softly for the outside cover to be pulled out.</p> <p>10) In order to disassemble the panel grille, press, in order, the left, center, and right of the upper side of the panel grille with the palm of the hand to remove the hook. And then disassemble the panel grille.</p>	    



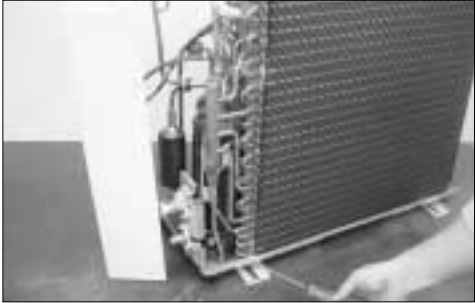


No	Parts	Procedure	Remark
2	Electrical Parts (Main PCB)	<ol style="list-style-type: none"> 1) Do "1", above. 2) Take all the connector of PCB upper side out. (Inclusion Power cord) 3) Separate the outdoor unit connection wire from the terminal block. 4) If pulling the Main PCB up. it will be taken out. 	
3	Ass'y Tray Drain.	<ol style="list-style-type: none"> 1) Do "1", "2", above. Separate the drain hose from the extension drain hose. 2) Pull tray drain out from the back body. 	
4	Heat Exchanger	<ol style="list-style-type: none"> 1) Do "1" and "2", "3", above. 2) Loosen two fixing earth screws of right side. 3) Separate the connection pipe. 4) Separate the holder pipe at the rearside. 5) Loosen the three fixing screws of right and left side. 6) Lifting the heat exchanger up a little to push the up side for separation from the indoor unit. 	  

No	Parts	Procedure	Remark
5	Fan Motor and Cross Fan	<ol style="list-style-type: none"> 1) Do "1", "2", "3", "4", above. 2) Loosen the fixing two screws and separate the motor holder. 3) Loosen the fixing screw of fan motor. (By use of M3 wrench) 4) Separate the fan motor from the fan. 5) Separate the fan from the left holder bearing. 	





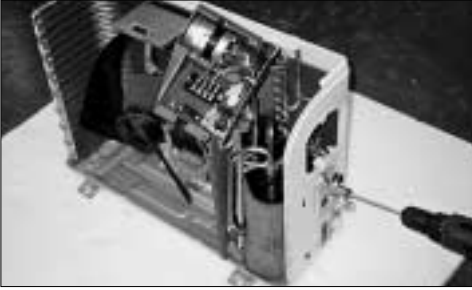
3-2 Outdoor Unit

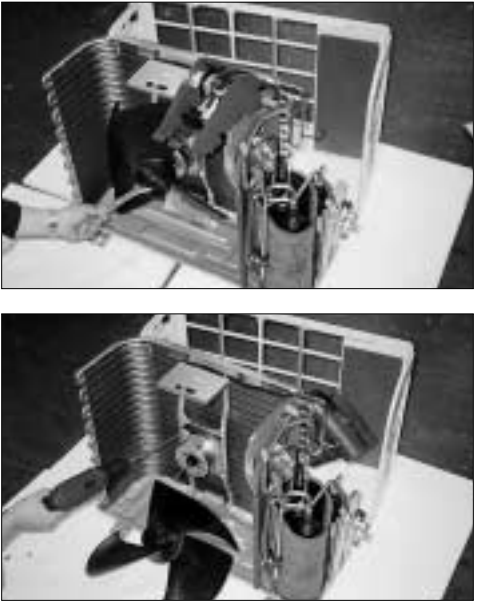

- SH12ZSGX
UQ12SGGE

No	Parts	Procedure	Remark
1	Common Work	1) Loosen 2 fixing screws and separate the cover valve. 2) Separate the connection wire from the terminal block. 3) Loosen 4 fixing screws and separate the cabi front. 4) Loosen 2 fixing screws and separate the cabi side LF. 5) Loosen 2 fixing screws of the cabi side RH.	   
2	Fan and Motor	1) Do "1", above. 2) Separate the connection wire of the motor fan.	

No	Parts	Procedure	Remark
		<p>3) Remove the nut flange. (Turn to the right to remove, as it is a left hand screw) 4) Separate the fan.</p> <p>5) Loosen 4 fixing screws to separate the motor. 6) Loosen 4 fixing screws and separate the motor bracket from the base.</p>	 
3	Heat Exchanger	<p>1) Do "1", "2", above. 2) Loosen 2 fixing screws of left and right side. 3) Disassemble the inlet and outlet pipe by welding. 4) Separate the heat exchanger.</p>	
4	Compressor	<p>1) Do "1", "2", "3", above. 2) Open the terminal cover of compressor and unscrew the connection terminal. 3) Disassemble the inlet and outlet pipe of compressor by welding. 4) Loosen 3 fixing bolts of the lower part. 5) Separate the compressor.</p>	 

- SH07ZS8X / SH09ZS8X
- UQ07S8GE / UQ09S8GE

No	Parts	Procedure	Remark
1	Common Work	<p>1) Loosen the fixing two screws and separate the cover terminal.</p> <p>2) Loosen the fixing two screws and separate the cover control.</p> <p>3) Separate the connection wire from the terminal block.</p> <p>4) Loosen six fixing screws and separate the cabi front.</p> <p>5) Loosen the one fixing screw of assy E-part.</p> <p>6) Loosen 12 fixing screws and separate the cabi side.</p>	    

No	Parts	Procedure	Remark
2	Fan and Motor	<ol style="list-style-type: none"> 1) Do "1", above. 2) Remove the nut flange (Turn to the right to remove, as it is a left hand screw) 3) Separate the fan. 4) Loosen four fixing screws to separate the motor. 5) Loosen two fixing screws and separate the motor bracket from the base. 	
3	Heat Exchanger	<ol style="list-style-type: none"> 1) Do "1", "2", above. 2) Loosen two fixing screws of left and right side. 3) Disassemble the inlet and outlet pipe by welding. 4) Separate the heat exchanger. 	
4	Compressor	<ol style="list-style-type: none"> 1) Do "1", "2", "3", above. 2) Open the terminal cover of compressor and unscrew the connection terminal. 3) Disassemble the inlet and outlet pipe of compressor by welding. 4) Loosen the three bolts of the lower part. 5) Separate the compressor. 	