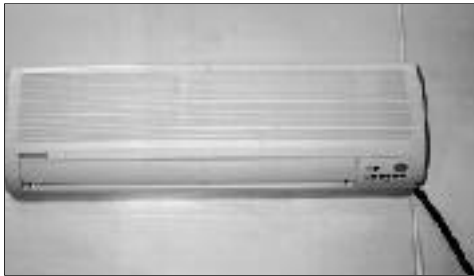






## 4. Disassembly and Reassembly





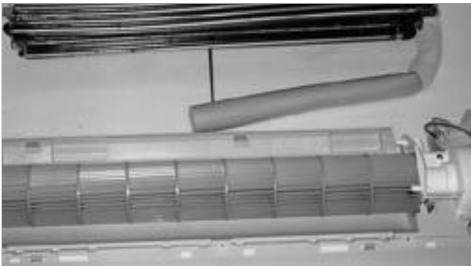
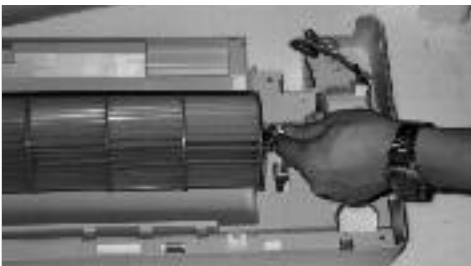
Stop operation of the air conditioner and remove the power cord before repairing the unit.

\* The design and shape are subject to Change according to the model.

### 4-1 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) Contract the second finger to the left, and right handle and pull to open the inlet grille.</p> <p>4) Take the left and right filter out.</p> <div style="border: 1px solid black; padding: 2px; margin: 5px 0;">*Taking off the deodorizing filter.</div> <p>5) Loosen one of the right fixing screw and separate the terminal cover.</p> <p>6) Loosen three fixing screws of front grille.</p> <p>7) Pull the upper left and right of discharge softly for the outside cover to be pulled out.</p> <p>8) Pull softly the lower part of discharge and push it up.</p> <p><b>Caution;</b> Assemble the front panel and fix the hooks of left and right.</p>	    

Disassembly and Reassembly

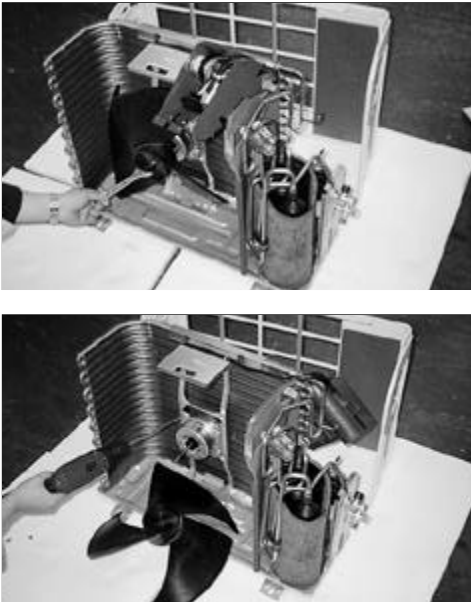


No	Parts	Procedure	Remark
2	Ass'y Tray Drain.	<ol style="list-style-type: none"> <li>1) Do "1" above</li> <li>2) Take all the connector of PCB upper side out. (Inclusion Power cord)</li> <li>3) Separate the outdoor unit connection wire from the terminal block.</li> <li>4) If pulling the Main PCB up. it will be taken out.</li> </ol>	
3	Electrical Parts (Main PCB)	<ol style="list-style-type: none"> <li>1) Do "1", "2", above Separate the drain hose from the extension drain hose.</li> <li>2) Pull tray drain out from the back body.</li> </ol>	
4	Heat Exchanger	<ol style="list-style-type: none"> <li>1) Do "1" and "2", "3", above</li> <li>2) Loosen two fixing earth screws of right side.</li> <li>3) Separate the connection pipe.</li> <li>4) Separate the holder pipe at the rear side.</li> <li>5) Loosen the three fixing screws of right and left side.</li> <li>6) Lifting the heat exchanger up a little to push the up side for separation from the indoor unit.</li> </ol>	 
5	Fan Motor and Cross Fan	<ol style="list-style-type: none"> <li>1) Do "1" "2" "3" "4", above.</li> <li>2) Loosen the fixing two screws and separate the motor holder.</li> <li>3) Loosen the fixing screw of fan motor. (By use of M3 wrench)</li> <li>4) Separate the fan motor from the fan.</li> <li>5) Separate the fan from the left holder bearing.</li> </ol>	 

## 4-2 Outdoor Unit

- SH07ZA3(4)X/UQ07A3(4)ME
- SH09ZA3(4)X/UQ09 A3(4)ME

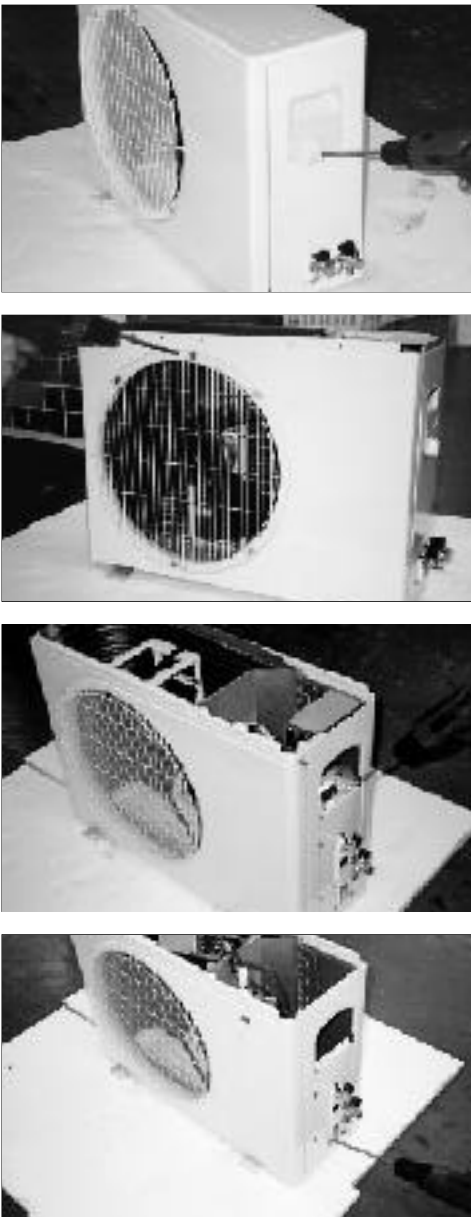

No	Parts	Procedure	Remark
1	Common Work	<p>1) Loosen the fixing two screws and separate the COVER TERMINAL</p> <p>2) Loosen the fixing two screws and separate the cover control</p> <p>3) Separate the connection wire from the terminal block.</p> <p>4) Loosen six fixing screws and separate the cabi front.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

## Disassembly and Reassembly

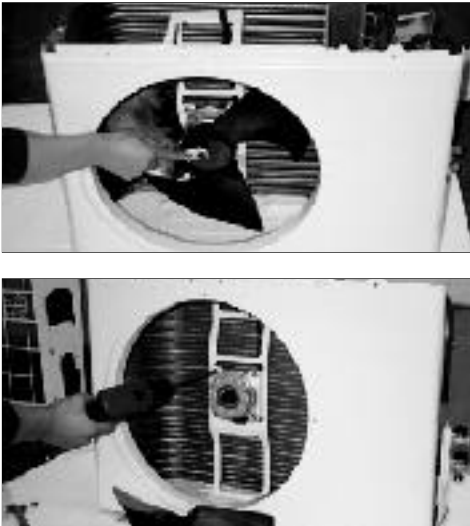


No	Parts	Procedure	Remark
2	Fan and Motor	<ol style="list-style-type: none"> <li>1) Do "1", above.</li> <li>2) Remove the nut flange (Turn to the right to remove, as it is a left hand screw)</li> <li>3) Separate the fan.</li>   <li>4) Loosen Four fixing screws to separate the motor.</li> <li>5) Loosen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

## 4-2 Outdoor Unit

- SH07ZA1(2)X
- UQ07A1(2)ME

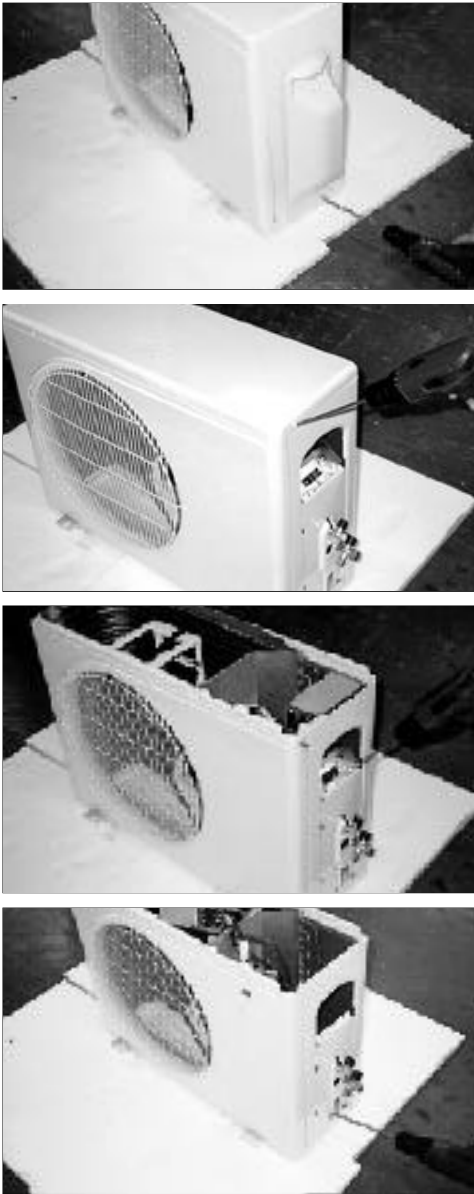

No	Parts	Procedure	Remark
1	Common Work	<ol style="list-style-type: none"> <li>1) Loosen the fixing two screws and separate the cover E-parts.</li> <li>2) Separate the connection wire from the terminal block.</li> <li>3) Loosen five fixing screws and separate the cabi Upper.</li> <li>4) Loosen two fixing screws of Ass'y E-part.</li> <li>5) Loosen nine fixing screws and separate the cabi side.</li> </ol>	
2	Fan and Motor	<ol style="list-style-type: none"> <li>1) Do "1", above.</li> <li>2) Loosen four screws and separate Guard Fan from front cabinet</li> </ol>	

## Disassembly and Reassembly

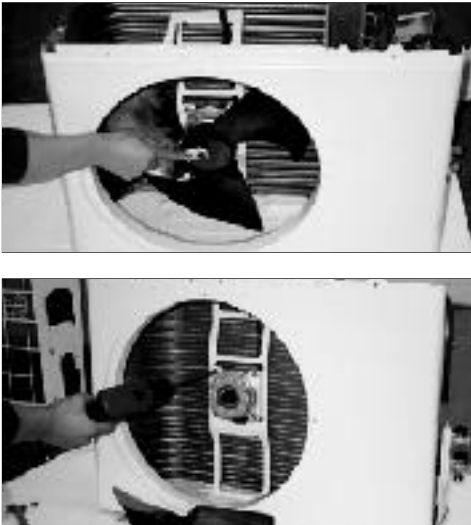

No	Parts	Procedure	Remark
		<ol style="list-style-type: none"> <li>2) Remove the nut flange (Turn to the right to remove, as it is a left hand screw)</li> <li>3) Separate the fan.</li> <li>4) Loosen four fixing screws to separate the motor.</li> </ol>	
3	Heat Exchanger	<ol style="list-style-type: none"> <li>1) Do "1", 2 above.</li> <li>2) Loosen two fixing screws of left and right side.</li> <li>3) Disassemble the inlet and outlet pipe by welding.</li> <li>4) Separate the heat exchanger.</li> </ol>	
4	Compressor	<ol style="list-style-type: none"> <li>1) Do "1", above.</li> <li>2) Loosen the nut on the terminal cover and open the terminal cover.</li> <li>3) Disassemble the inlet and outlet pipe of compressor by welding.</li> <li>4) Disassemble the inlet and outlet pipe of condenser by welding</li> <li>5) Loosen the three bolts of the lower part.</li> <li>6) separate the compressor.</li> </ol>	

## 4-2 Outdoor Unit

- SH09ZA1(2)X/SH12ZA1(2)X/A
- UQ09A1(2)ME/UQ12A1(2)ME
- UQ09A1(2)MD/UQ12A1(2)MD

No	Parts	Procedure	Remark
1	Common Work	<ol style="list-style-type: none"> <li>1) Loosen the fixing two screws and separate the cover E-parts.</li> <li>2) Separate the connection wire from the terminal block.</li> <li>3) Loosen five fixing screws and separate the cabi Upper.</li> <li>4) Loosen two fixing screws of Ass'y E-part.</li> <li>5) Loosen seven fixing screws and separate the cabi side.</li> </ol>	
2	Fan and Motor	<ol style="list-style-type: none"> <li>1) Do "1", above.</li> <li>2) Loosen four screws and separate Guard Fan from front cabinet</li> </ol>	

## Disassembly and Reassembly

No	Parts	Procedure	Remark
		<ol style="list-style-type: none"> <li>2) Remove the nut flange (Turn to the right to remove, as it is a left hand screw)</li> <li>3) Separate the fan.</li> <li>4) Loosen four fixing screws to separate the motor.</li> </ol>	
3	Heat Exchanger	<ol style="list-style-type: none"> <li>1) Do "1", 2 above.</li> <li>2) Loosen two fixing screws of left and right side.</li> <li>3) Disassemble the inlet and outlet pipe by welding.</li> <li>4) Separate the heat exchanger.</li> </ol>	
4	Compressor	<ol style="list-style-type: none"> <li>1) Do "1", above.</li> <li>2) Loosen the nut on the terminal cover and open the terminal cover.</li> <li>3) Disassemble the inlet and outlet pipe of compressor by welding.</li> <li>4) Disassemble the inlet and outlet pipe of condenser by welding</li> <li>5) Loosen the three bolts of the lower part.</li> <li>6) separate the compressor.</li> </ol>	