Inverter Air Conditioner

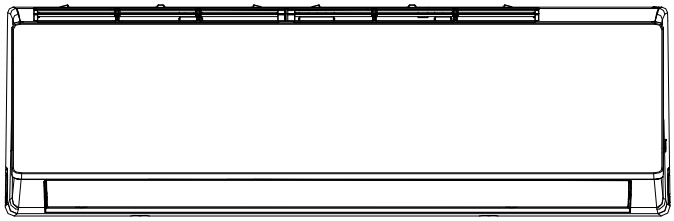
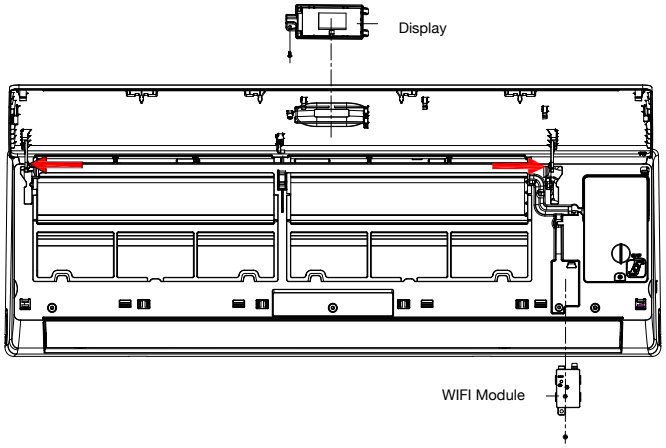
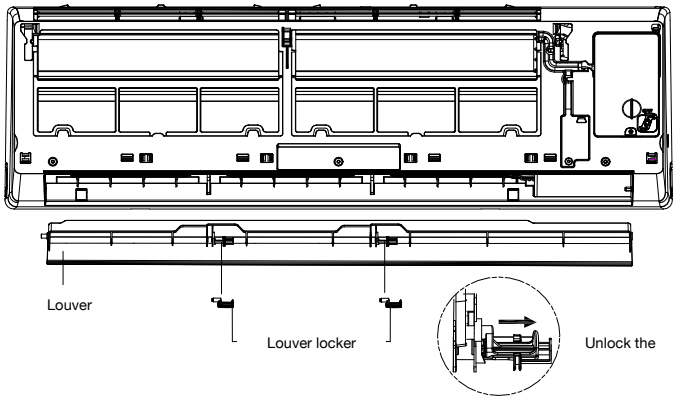
Indoor/Outdoor Units Disassembly Manual

Models:

WYT009ALSI24RL **WYT009GLSI24RL**
WYT012ALSI24RL **WYT012GLSI24RL**
WYT018GLSI24RL **WYT024GLSI24RL**

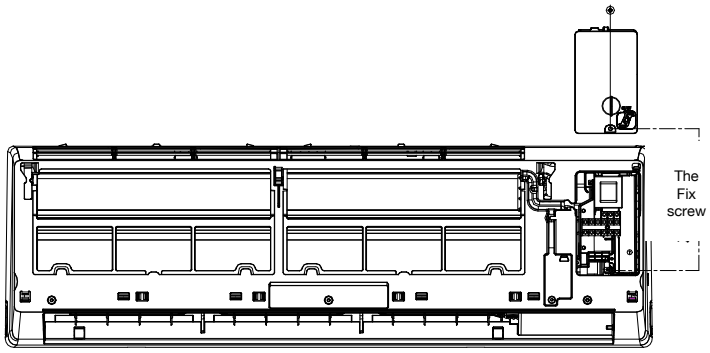
IDU Disassembly

Indoor Unit Model Numbers: WT009ALSI24HLG | WT012ALSI24HLG | WT009GLSI24HLG | WT012GLSI24HLG | WT018GLSI24HLG | WT024GLSI24HLG

Steps	Reference photo
1. Before disassembly	
The orginal status.	
2. Disassembly front panel, display board and WIFI module.	
A. Open front panel. B. Remove one screw and take the display box out from the panel. C. Release panel axis which shown in red arrows out from middle frame and take the panel out. D. Unscrew and take the WIFI module out from middle frame.	
3. Remove the louver.	
Unlock the louver lockers (clip), bend the louver slightly by hands and remove it out from middle frame and stepping motor.	

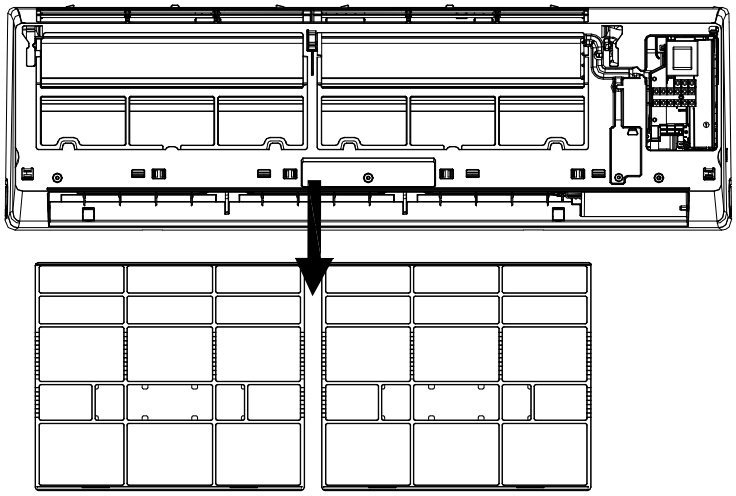
4. Remove the electric control box cover

Unfix one screw on the cover of electric box, and remove the cover.



5. Remove the filter

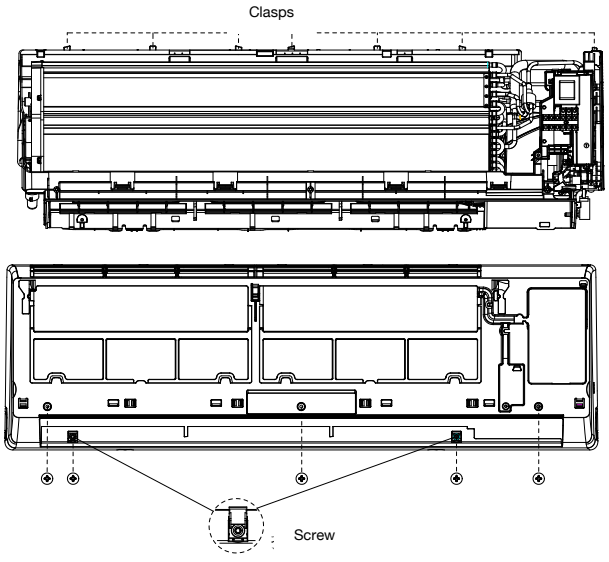
Push the filter upwards a little, you can take it out from unit.



6. Disassembly the middle frame.

A. Open the screw cover, and unfix screw with cross screwdriver.

B. Remove the middle frame by loosing the clasps with the unit base as shown in the picture and take the frame out.



7. Disassembly the electric control box.

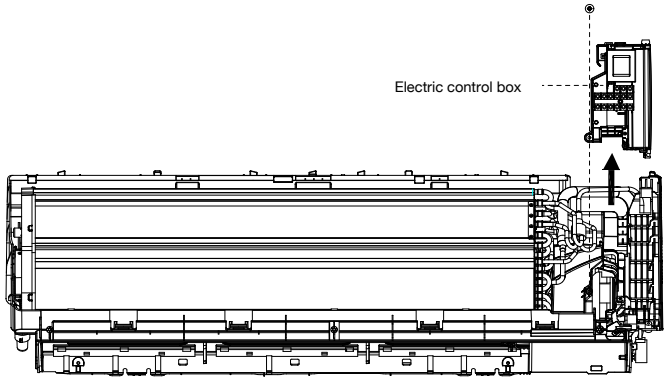
A. Remove the RT & IPT out from evaporator;

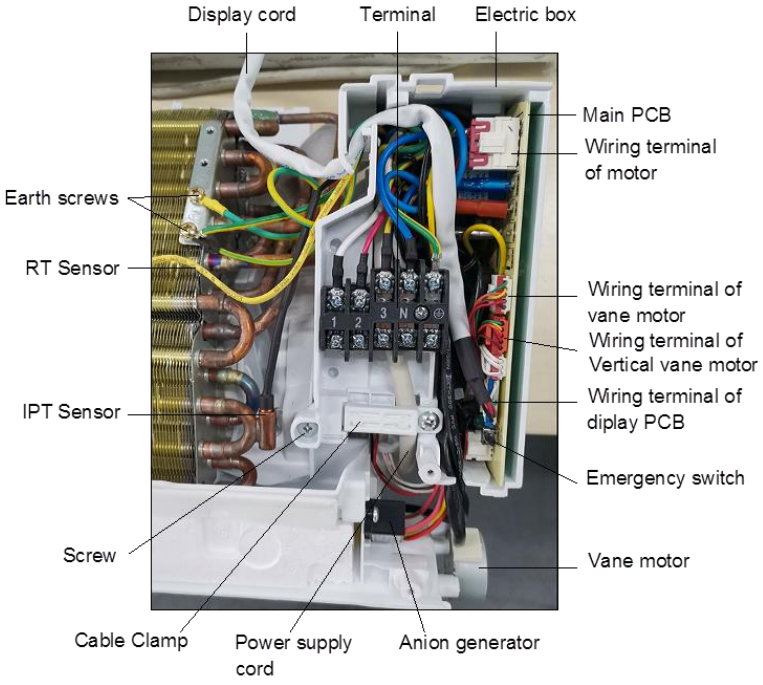
B. Unscrew all the earth ground wirings on the evaporator.

C. Take all the connectors out from PCB.

D. Unfix one screw of the control box with unit BASE FRAME, and take the control box out from unit.

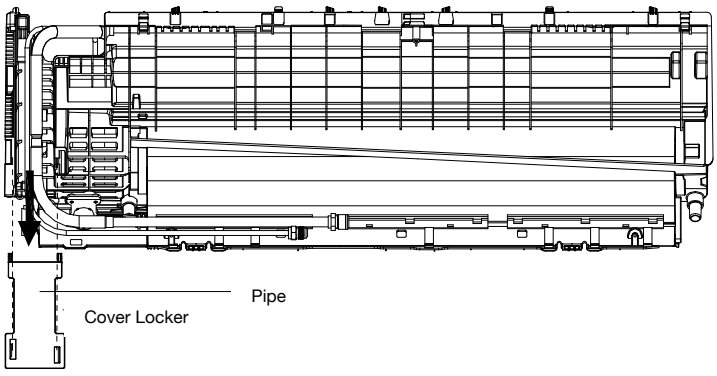
Note: The right picture for your reference only, for the exact model the wiring connection may have a little difference.





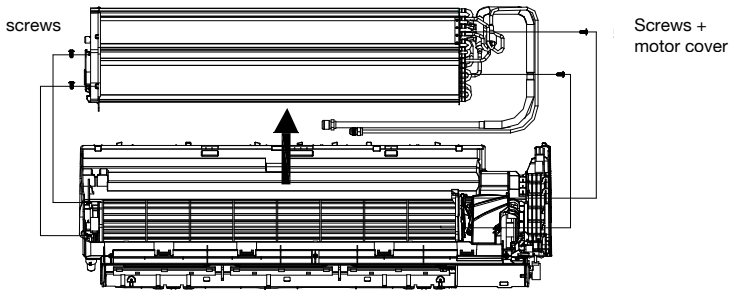
8. Remove the PIPE COVER

Loosing the lower edge of the PIPE COVER from BASE FRAME, and take the COVER out from unit.



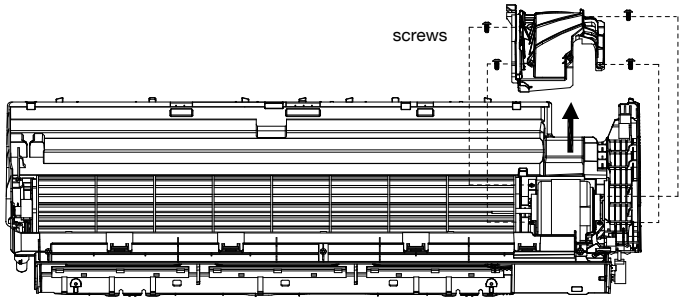
9. Disassembly the evaporator

A. Unfix 2 screws of left side shown as picture.
B. Unfix 2 screws of right side on motor cover/right support plate.
C. Take the evaporator out from unit by uplifting the IUPUT/OUTPUT pipes slightly.



10. Remove the MOTOR COVER

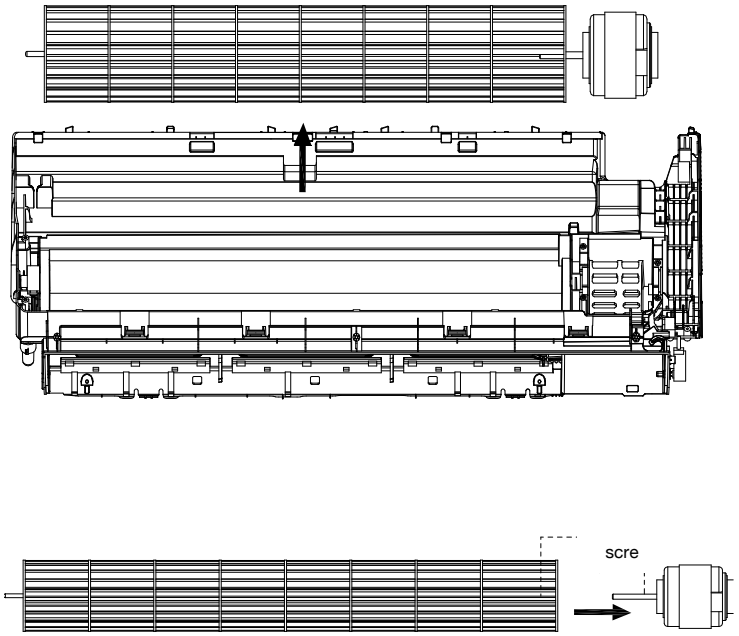
Unfix 4 screws on the motor cover with base frame.



11. Disassembly fan motor and fan blade.

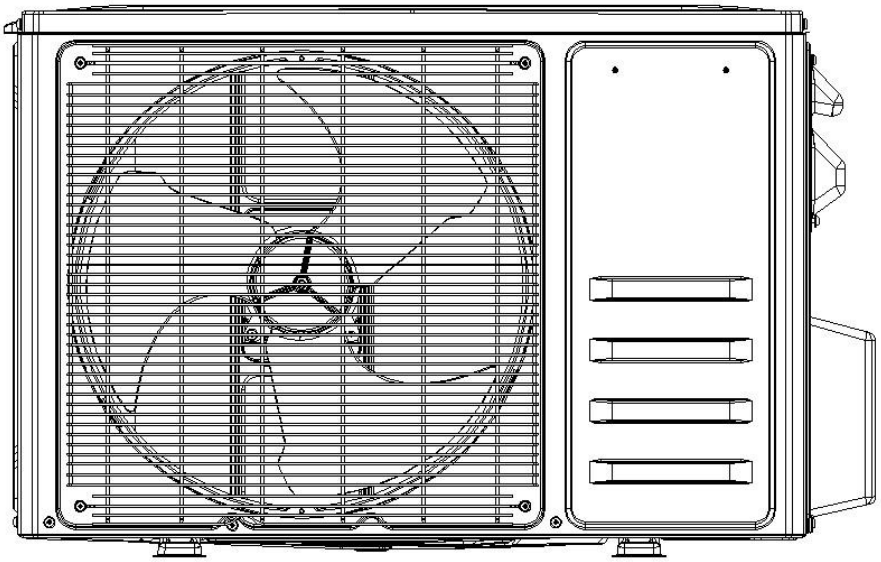
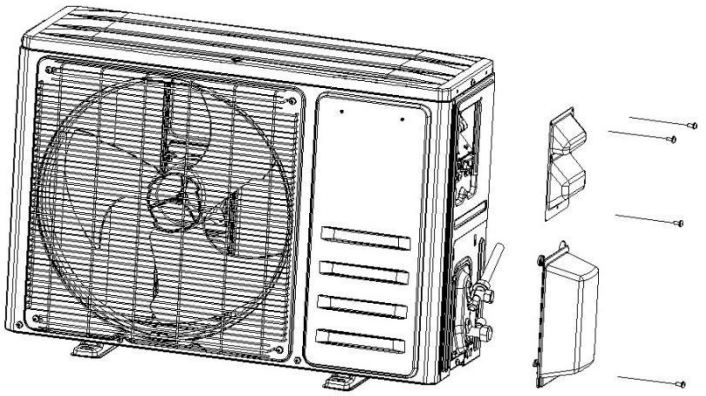
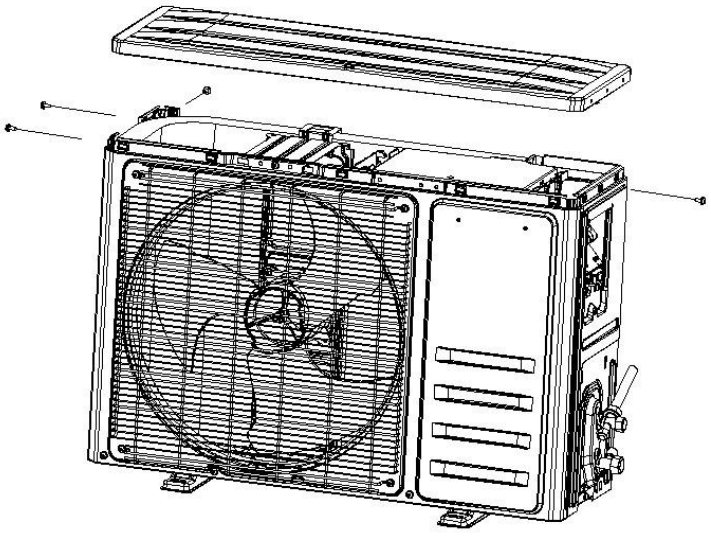
A. Uplift the fan blade and fan motor, take the base frame out.

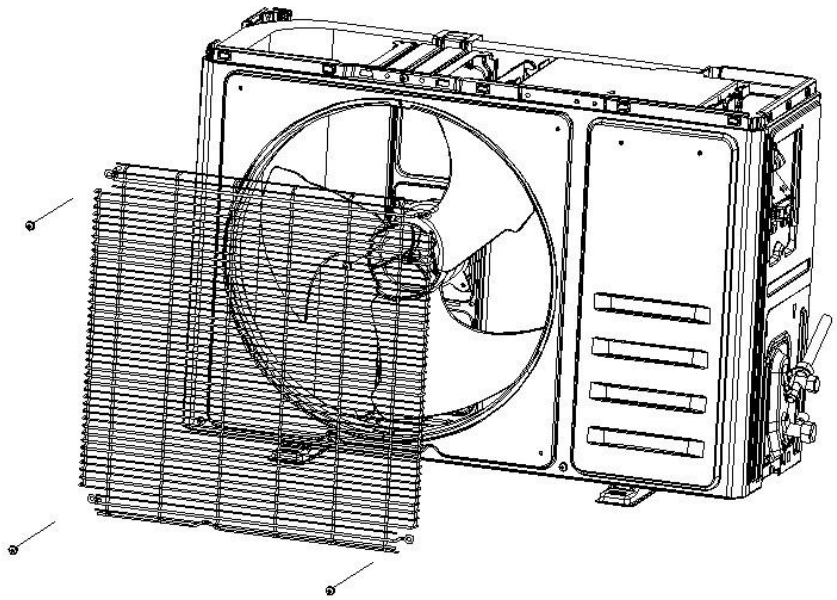
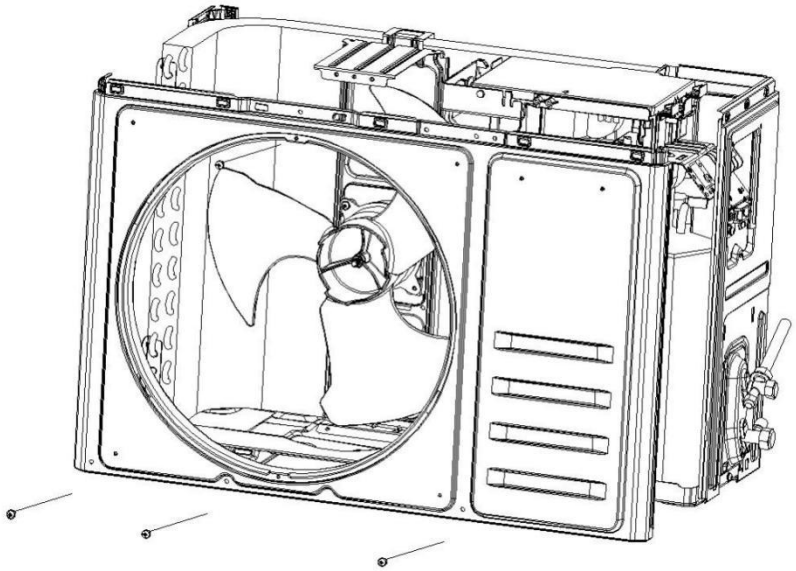
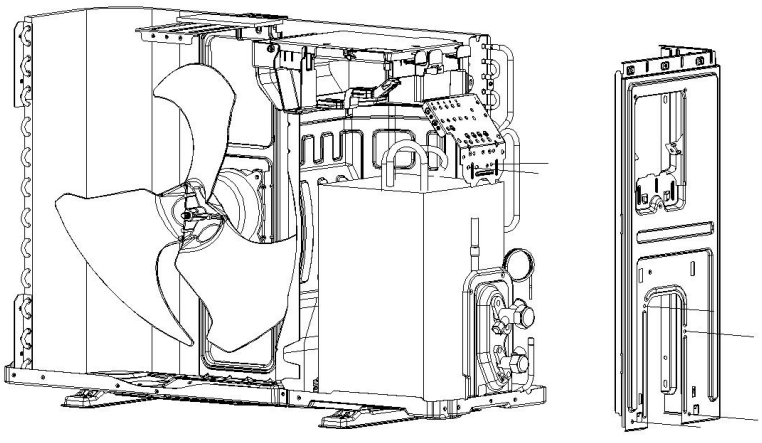
B. Unfix one screw on the axis of fan motor, and you can get fan blade and fan motor separately.

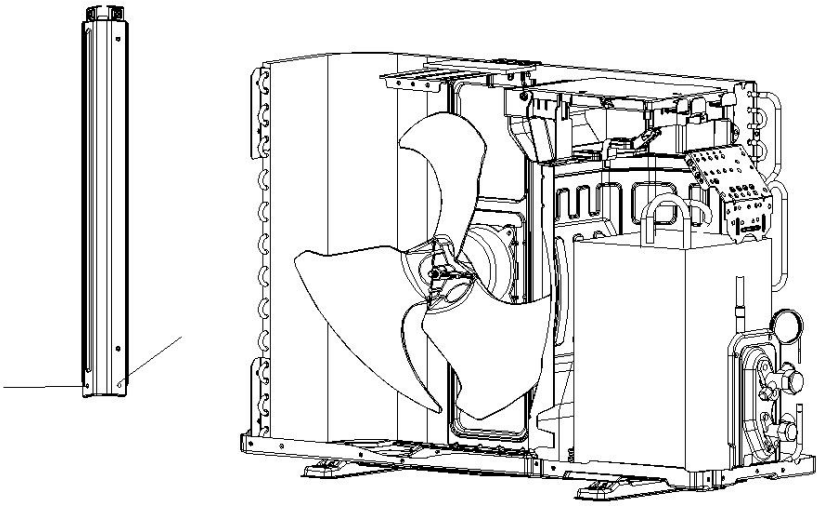
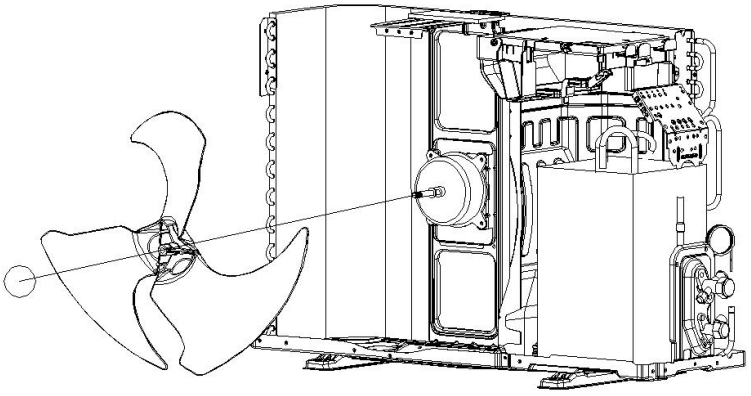
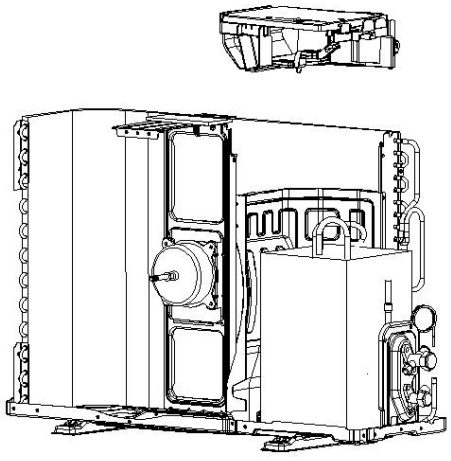


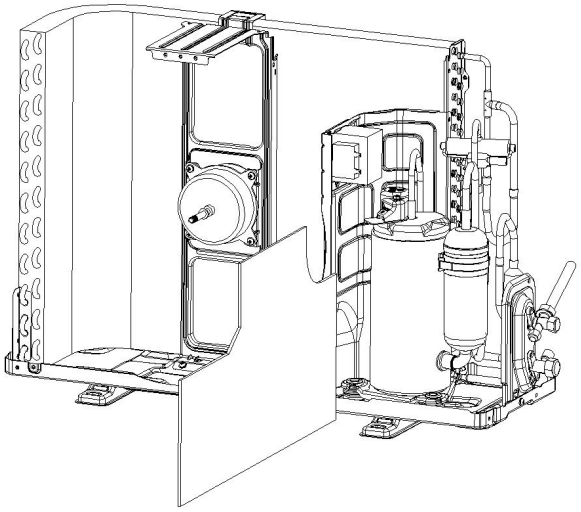
ODU Disassembly

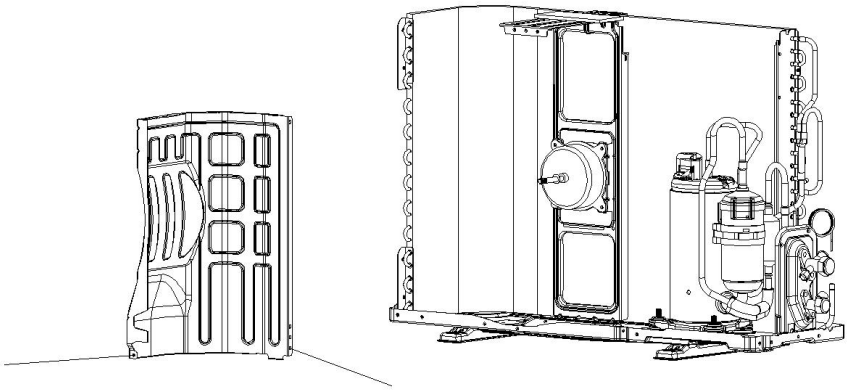
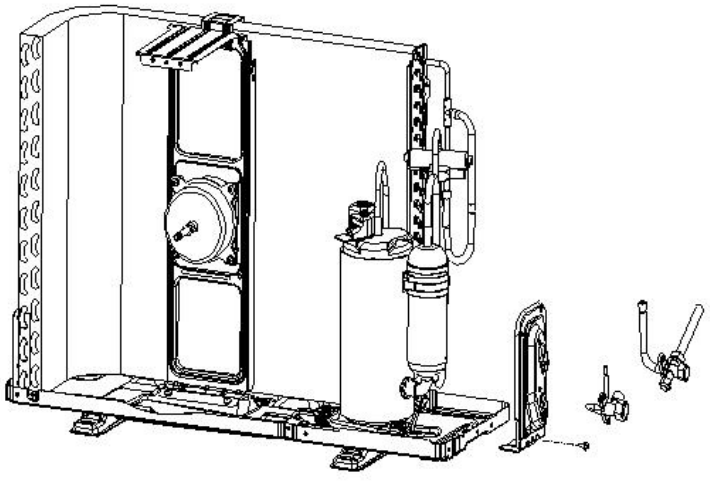
Outdoor Unit Model Numbers: YN009ALSI24RPG | YN012ALSI24RPG | YN009GLSI24RPG | YN012GLSI24RPG | YN018GLSI24RPG | YN024GLSI24RPG

Step		Reference picture
Before disassembly		
1：Remove the PCB Cover, valve Cover and top cover		
A	1). Unfix one screw on the PCB cover, you can take the cover out from unit. 2). Unfix one screw on the valve cover, you can take it out easily.	
B	Unfix screws btw the top cover with front panel, left and right plate, then you can take the top cover out.	

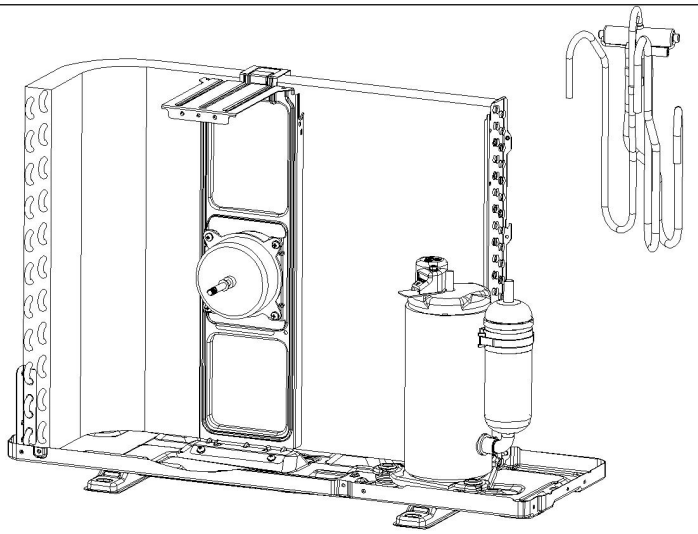
2：Disassemble the Fan Guard and Front Panel		
A	Remove the screws assembling the grille to the front panel and remove the grille.	
B	Unfix screws on front panel with fan guard, ODU middle separate plate and base plate, uplift front panel you can take it out from unit	
3：Disassemble the Left and Right plate.		
A	Unfix screws btw Right Plate and the Electric Box assembly, Valve Plate , Base Plate, then you can take the Right plate out.	

B	Unfix screws btw Left Plate, Base plate and Condenser plate, you can take the left plate out.	
4：Disassemble the Axis Fan Blade		
A	Unscrew the fan blade nut, and take the blade out.	
5：Disassemble the electric box		
	Unfix screw btw Electric Box and motor supporter etc. loosen the wiring clamp, then you can take the control box out.	

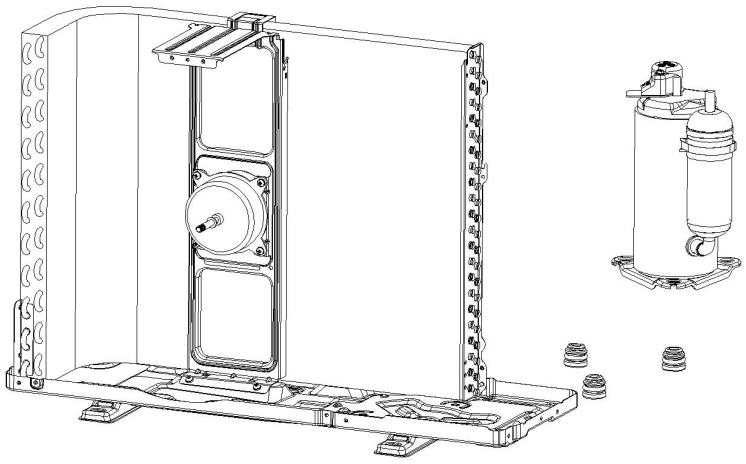
6：take out the noise cotton		
A	Shown as picture to take the cotton out	

7：Disassemble the separate plate		
	Unfix the screw btw separate plate and unit, and take it out	
8：Disassemble the 2 and 3-way valve		
	Unfix screw btw Valve plate and base, you can take the 2-way and 3-way valve out by welding. Note: 1). The welding can only place while no gas in the unit. 2). Pay attention to the fire to prevent any injury.	

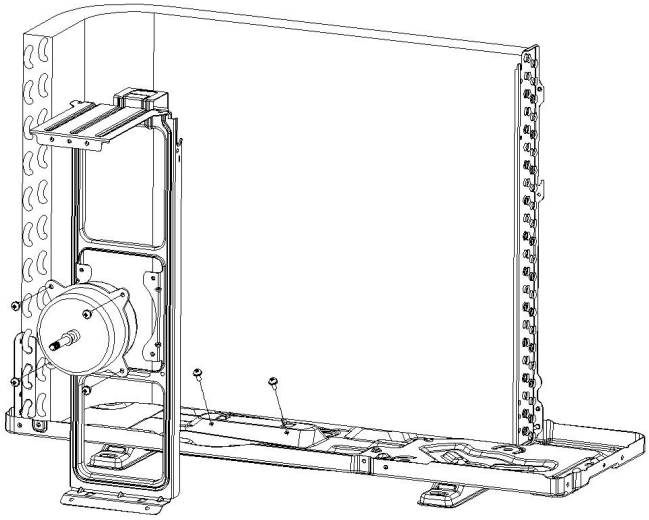
9：Disassemble the 4-way valve assembly

Take the 4-way valve out from system by welding. Make sure no hurt to the compressor and nameplate, etc.	

10：Disassemble the compressor.

Unscrew the nuts and take the compressor out.	

11：Remove the fan motor and fan supporter.

Unfix screws btw fan motor with supporter, and supporter with base plate. Note: Pay attention to the motor wiring, it can't be taken out by force.	

The design and specifications of this product are subject to change without prior notice as development continues. Consult with the sales agency or manufacturer for details. Refer to the equipment nameplate for all other applicable specifications.

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